# Sarasota County

# Central County Solid Waste Disposal Complex

## Permit Number: 130542-007-SO/01

## WACS ID: SWD/58/51614

## 2012 Semi-Annual Groundwater Report (July – December 2012)

## 2012 Semi-Annual Surface Water Report (July – December 2012)

## 2012 Annual Gas Condensate Report (January – December 2012)

**December 2012**

Sarasota County Solid Waste Operations
4000 Knights Trail Rd
Nokomis Florida 34275

Sarasota County

# SARASOTA COUNTY

*"Dedicated to Quality Service"*

December 21, 2012

Solid Waste Section
Department of Environmental Protection
Southwest District Office
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

RE: Central County Solid Waste Disposal Complex
Permit Number 130542-007-SO/01
2nd Semi-Annual Groundwater Report (July – December 2012)
Annual Gas Condensate Report (January – December 2012)
2nd Semi-Annual Surface Water Report (July – December 2012)

To Whom It May Concern:

Enclosed is the 2nd Semi-Annual Ground Water and Surface Water Monitoring Reports for 2012 as specified in Specific Condition E.4.c. of the permit. Also find the Annual Gas Condensate Report for 2012 as specified in Specific Condition F.5.b. Included as well are the associated ADaPT files as specified in Specific Condition E.10.a.8 of the permit.

You will find included in this report; the Water Quality Monitoring Certification form, *Exceedence of MCLs Summary* table (Table 1), water elevation table and signed/sealed groundwater contour map, field sampling logs, and laboratory results provided by Pace Analytical and Benchmark EnviroAnalytical Inc.

There were no exceedences for gas condensate or surface water parameters during this sampling event.

All exceedences for groundwater are within background or historical water quality values. The following exceedences are higher than previously reported values; Manganese in MW-8A, MW-18, MW-19, CW-15, CW-16 and Aluminum in MW-15. This is the fourth sample collected for these well/parameter combinations therefore it is difficult to define whether or not these values fall into historical ranges.

If you have any questions or concerns, please contact me at (941) 650-4799 or aegglest@scgov.net.

Sincerely,

Alison J. Eggleston

Alison J. Eggleston
Environmental Specialist

Enc
CD-RW

# Florida Department of Environmental Protection

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

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

## WATER QUALITY MONITORING CERTIFICATION

### PART I GENERAL INFORMATION

(1) Facility Name Central County Solid Waste Disposal Complex, Class I Landfill Operation

Address 4000 Knights Trail Rd

City Nokomis Zip 34275 County Sarasota

Telephone Number (941 )861-1573

(2) WACS Facility ID SWD/58/51614

(3) DEP Permit Number 130542-007-SO/01

(4) Authorized Representative's Name Alison J. Eggleston Title Environmental Specialist

Address 4000 Knights Trail Rd

City Nokomis Zip 34275 County Sarasota

Telephone Number (941 )650-4799

Email address (if available) aegglest@scgov.net

### CERTIFICATION

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

12/21/12
(Date)

Alison J Eggleston
(Owner or Authorized Representative's Signature)

### PART II QUALITY ASSURANCE REQUIREMENTS

Sampling Organization Sarasota County

Analytical Lab NELAC / HRS Certification # E83079 E84167

Lab Name PAS, Inc Benchmark EnviroAnalytical, Inc

Address 8 East Tower Circle, Ormond Beach, FL 32174 1711 12th Street East, Palmetto, FL 34221

Phone Number (386 )672-5668 (941) 723-9986

Email address (if available)

**TABLE 1**
**CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX**
**EXCEEDENCE OF MCLs SUMMARY**

**2012 - 2nd Semi-Annual Groundwater Evaluation Monitoring Report**

| | | 20585 | 21455 | 22883 | 4509 | 22884 | 4510 | 22885 | 23031 | 27138 | 23032 | 27139 | 23033 | 23034 | 23035 | 27140 | 23036 | 27141 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Background | Detection | Compliance | Detection | Compliance | Detection | Compliance | Detection | Compliance | Detection | Compliance | Detection | Detection | Detection | Compliance | Detection | Compliance |
| Parameter | MCL | MW-1R | MW-8A | CW-8A | MW-9 | CW-9 | MW-10R | CW-10R | MW-15 | CW-15 | MW-16 | CW-16 | MW-17 | MW-18 | MW-19 | CW-19 | MW-20 | CW-20 |
| | | | | | | | | | | | | | | | | | | |
| pH | 6.5-8.5 | 6.40 | 6.13 | 6.00 | 6.36 | 6.31 | 6.23 | 6.08 | 6.38 | 6.30 | 6.05 | 6.09 | 6.10 | 6.28 | 5.98 | 6.48 | 6.29 | 6.37 |
| Arsenic | 10 ug/l | | 25.9 | 31.9 | 18.4 | 68.3 | | | 42.6 | | 41.5 | 21 | 61.8 | | 48.6 | 40.7 | 23.2 | 11.2 |
| Iron | 0.3 mg/l | 2.15 | 27.2 | 35.3 | 30.3 | 27.3 | 53.2 | 18.3 | 58.5 | 14.3 | 36.6 | 84.3 | 104 | 36.2 | 62.5 | 34.4 | 20.6 | 8.6 |
| Sodium | 160 mg/l | | | | | | | | | | 242 | | | | | | | |
| Solids, Total Dissolved | 500 mg/l | | 1010 | 910 | 1460 | 660 | 810 | 808 | 2260 | 2410 | 1450 | 1210 | 876 | 1220 | 566 | | 2000 | |
| Total Ammonia | 2.8 mg/l | | 28.6 | 5.1 | 8.9 | 7.3 | 6.6 | 3.2 | 6.3 | 8.4 | 35.6 | 11 | 26.3 | 4.1 | 17.8 | 3.2 | | |
| Sulfate | 250 mg/l | | | | | | | | | 724 | | | | | | | 601 | |
| Manganese | 50 ug/l | | 69.5 | | 71.2 | | | | 802 | 3780 | | 96.9 | | 64 | 358 | | 492 | |
| Chloride | 250 mg/l | | | | | | | | | | 308 | | | | | | | |
| Aluminum | 200 ug/l | | | | | | | | 361 | | 608 | | | | 235 | | | |

**2012 - 2nd Semi-Annual Surface Water Evaluation Monitoring Report**

| | | 28824 | 28825 |
|---|---|---|---|
| | | Surface water | Surface water |
| Parameter | MCL | Pond 1 | Pond 2 |

**2012 - Annual Gas Condensate Evaluation Monitoring Report**

| | | 23346 |
|---|---|---|
| | | Gas Condensate |
| Parameter | MCL | C-1 |

There were no exceedences for leachate.

## Central County Solid Waste Disposal Complex
## Ground Water & Surface Water Elevations

Date 9/19/2012

| Site # | Depth to Water | TOC/Staff Gauge Elevation | Calculated Water Elevation |
|---|---|---|---|
| MW-3 | 2.13 | 23.340 | 21.21 |
| MW-5 | 3.22 | 23.190 | 19.97 |
| MW-1R | 3.43 | 24.428 | 21.00 |
| MW-8A | 15.63 | 35.400 | 19.77 |
| MW-9 | 15.76 | 35.726 | 19.97 |
| MW-10R | 12.47 | 31.792 | 19.32 |
| CW-8A | 16.14 | 35.040 | 18.90 |
| CW-9 | 6.61 | 26.582 | 19.97 |
| CW-10R | 7.27 | 26.982 | 19.71 |
| MW-15 | 24.31 | 44.320 | 20.01 |
| MW-16 | 24.85 | 43.730 | 18.88 |
| MW-17 | 28.31 | 46.150 | 17.84 |
| MW-18 | 20.76 | 39.140 | 18.38 |
| MW-19 | 18.37 | 36.810 | 18.44 |
| MW-20 | 17.77 | 35.960 | 18.19 |
| CW-15 | 9.85 | 30.173 | 20.32 |
| CW-16 | 10.70 | 29.578 | 18.88 |
| CW-19 | 8.67 | 27.524 | 18.85 |
| CW-20 | 9.38 | 27.383 | 18.00 |
| STW1 | 2.30 | 21.187 (3') | 20.49 |
| STW1A | * | 21.23 (4') | |
| STW2 | 2.10 | 20.305 (4') | 18.41 |
| STW2A | 3.20 | 20.18 (5') | 18.38 |
| STW3 | 2.10 | 20.191 (4') | 18.29 |
| STW3A | 3.82 | 18.43 (4') | 18.25 |
| STW4 | 2.15 | 19.342 (4') | 17.49 |
| STW4A | ** | 17.35 (4') | |
| STW5A | 2.04 | 19.788 (4') | 17.83 |
| STW5B | 3.87 | 18.04 (4') | 17.91 |
| STW6 | 2.45 | 19.37 (4') | 17.82 |
| STW6A | 5.19 | 17.67 (5') | 17.86 |
| STW7 | 2.00 | 22.287 (4') | 20.29 |
| STW7A | 5.30 | 19.02 (4') | 20.32 |

* Aquatic vegetation blocking staff gauge location.
** Unable to read due to debris on staff gauge.

0 375 750

GRAPHIC SCALE
SCALE: 1" = 750'

**LEGEND:**

- ⊕ MONITORING WELL WITH GROUNDWATER ELEVATION (FT-NGVD)
- ⊗ COMPLIANCE WELL WITH GROUDWATER ELEVATION (FT-NGVD)
- ▲ MONITORING POINT WITH SURFACE WATER ELEVATION (FT-NGVD)
- 18 GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)

**NOTE:**

1. GROUNDWATER DATA FROM SEPTEMBER 19, 2012
2. GROUNDWATER ELEVATION GIVEN IN PARENTHESES

Bruce J. Berger
PG 1733
10-8-12

FT-NGVD = FEET ABOVE NATIONAL GEODETIC VERTICAL DATUM

| | | | |
|---|---|---|---|
| ATKINS | SARASOTA COUNTY<br>CENTRAL COUNTY SOLID WASTE<br>DISPOSAL COMPLEX | **GROUNDWATER CONTOUR MAP**<br>**September 2012** | FIGURE<br>**1** |

Y:\George Thomas\CCSWDC Contour Maps\GROUNDWATER COUNTOUR MAP SEPTEMBER_2012.dwg Sep27,2012 - 10:58am Plotted By: 25403

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road, Nokomis FL 34275 | |
|---|---|---|
| WELL NO: MW-9 | SAMPLE ID: 4509 | DATE: 9/11/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 15.64 | PURGE PUMP TYPE OR BAILER: PP |
|---|---|---|---|---|

**WELL VOLUME PURGE:** 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 23.58 feet – 15.64 feet) X 0.16 gallons/foot = 1.3 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 16.6 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 16.6 | PURGING INITIATED AT: 0818 | PURGING ENDED AT: 0836 | TOTAL VOLUME PURGED (gallons): 1.9 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or µS/cm | DISSOLVED OXYGEN (circle units) mg/L or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0830 | 1.3 | 1.3 | 0.11 | 16.09 | 6.34 | 27.95 | 2297 | 0.70 | 0.55 | clear | none/sheen |
| 0833 | 0.3 | 1.6 | 0.11 | 16.05 | 6.37 | 28.04 | 2297 | 0.68 | 1.54 | ↓ | ↓ ↓ |
| 0836 | 0.3 | 1.9 | 0.11 | 16.05 | 6.36 | 28.00 | 2300 | 0.74 | 1.79 | ↓ | ↓ ↓ |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| ORP = -82.1 | | | | last parameter set | | | | | | | |

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

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison Eggleston | SAMPLING INITIATED AT: 0838 | SAMPLING ENDED AT: 0849 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 16.6 | TUBING MATERIAL CODE: PE & S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y (N) | TUBING Y (N (replaced)) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40mL | HCl | NA | NA | 8260 | RFPP | <100 |
| DE | 2 | CG | 40mL | None | NA | NA | 8011 | RFPP | <100 |
| F | 1 | PE | 500mL | $HNO_3$ | NA | 1 | Metals | APP | 400 |
| G | 1 | PE | 250mL | $H_2SO_4$ | NA | 1 | Nutrients | APP | 400 |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients | APP | 400 |
| I | 1 | PE | 1L | None | NA | NA | Misc, InOrg. | APP | 400 |

REMARKS:

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

| SITE NAME: **CCSWDC** | SITE LOCATION: **4000 Knights Trail Road** | |
|---|---|---|
| WELL NO: **CW-15** | SAMPLE ID: **27138** | DATE: 09/11/12 |

## PURGING DATA

| WELL DIAMETER (inches): **2.0** | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: **7** feet to **17** feet | STATIC DEPTH TO WATER (feet): 9.68 | PURGE PUMP TYPE OR BAILER: **PP** |
|---|---|---|---|---|

**WELL VOLUME PURGE:** **1 WELL VOLUME** = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( **17.5** feet – 9.68 feet) X **0.16** gallons/foot = 1.3 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10.6 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11' | PURGING INITIATED AT: 0953 | PURGING ENDED AT: 1033 | TOTAL VOLUME PURGED (gallons): 2.1 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or (µS/cm) | DISSOLVED OXYGEN (circle units) (mg/L) or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1019 | 1.3 | 1.3 | 0.05 | 10.41 | 6.30 | 27.82 | 3262 | 0.76 | 1.51 | light yellow | none / green |
| 1026 | 0.4 | 1.7 | 0.05 | 10.41 | 6.32 | 27.99 | 3272 | 0.78 | 1.11 | ↓ | ↓ ↓ |
| 1033 | 0.4 | 2.1 | 0.05 | 10.41 | 6.30 | 28.01 | 3274 | 0.79 | 1.08 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| ORP few | | | | | | | | | | | |

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

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: **Alison Eggleston / Sarasota County** | SAMPLER(S) SIGNATURE(S): Alison Eggleston | SAMPLING INITIATED AT: 1035 | SAMPLING ENDED AT: 1050 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 11' | TUBING MATERIAL CODE: **PE & S** | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y (N) | TUBING Y (N (replaced)) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40mL | HCl | NA | NA | 8260 | RFPP | 100 |
| D,E | 2 | CG | 40mL | None | NA | NA | 8011 | RFPP | 100 |
| F | 1 | PE | 500mL | $HNO_3$ | NA | — | Metals | APP | 200 |
| G | 1 | PE | 250mL | $H_2SO_4$ | NA | — | Nutrients | APP | 200 |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients | APP | 200 |
| I | 1 | PE | 1L | None | NA | NA | Misc. Inorg. | APP | 200 |

REMARKS:

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road | |
|---|---|---|
| WELL NO: CW-16 | SAMPLE ID: 27139 | DATE: 09/11/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: 8 feet to 18 feet | STATIC DEPTH TO WATER (feet): 10.64 | PURGE PUMP TYPE OR BAILER: PP |
|---|---|---|---|---|

**WELL VOLUME PURGE:** 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 18.5 feet – 10.64 feet) X 0.16 gallons/foot = 1.3 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11.6 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12' | PURGING INITIATED AT: 1120 | PURGING ENDED AT: 1144 | TOTAL VOLUME PURGED (gallons): 1.9 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or (µS/cm) | DISSOLVED OXYGEN (circle units) (mg/L) or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1136 | 1.3 | 1.3 | 0.08 | 11.31 | 6.09 | 27.31 | 2234 | 0.72 | 1.30 | light yellow | none/sheen |
| 1140 | 0.3 | 1.6 | 0.08 | 11.37 | 6.09 | 27.21 | 2220 | 0.83 | 1.49 | ↓ | ↓ |
| 1144 | 0.3 | 1.9 | 0.08 | 11.39 | 6.09 | 27.16 | 2203 | 0.84 | 1.16 | ↓ | ↓ |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| ORP = -74.8 | | | | | last parameter set | | | | | | |

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

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison J Eggleston | SAMPLING INITIATED AT: 1140 | SAMPLING ENDED AT: 1159 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 12' | TUBING MATERIAL CODE: PE & S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y (N) | TUBING Y (N (replaced)) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40mL | HCl | NA | NA | 8260 | RFPP | <100 |
| D,E | 2 | CG | 40mL | None | NA | NA | 8011 | RFPP | <100 |
| F | 1 | PE | 500mL | $HNO_3$ | NA | — | Metals | APP | 300 |
| G. | 1 | PE | 250mL | $H_2SO_4$ | NA | — | Nutrients | APP | 300 |
| H. | 1 | PE | 250mL | None | NA | NA | Nutrients | APP | 300 |
| I | 1 | PE | 1L | None | NA | NA | Misc. Inorg. | APP | 300 |
| | | | | | | | | | |

REMARKS:

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road, Nokomis FL 34275 | |
|---|---|---|
| WELL NO: CW-19 | SAMPLE ID: 27140 | DATE: 09/11/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: 7 feet to 17 feet | STATIC DEPTH TO WATER (feet): 9.23 | PURGE PUMP TYPE OR BAILER: PP |
|---|---|---|---|---|

**WELL VOLUME PURGE:** 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 17.5 feet – 9.23 feet) X 0.16 gallons/foot = 1.3 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10.2 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10.5 | PURGING INITIATED AT: 1235 | PURGING ENDED AT: 1259 | TOTAL VOLUME PURGED (gallons): 1.9 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or (µS/cm) | DISSOLVED OXYGEN (circle units) (mg/L) or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1251 | 1.3 | 1.3 | 0.08 | 10.15 | 6.46 | 29.05 | 953 | 0.26 | 1.01 | Pale yellow | none/slight |
| 1255 | 0.3 | 1.6 | 0.08 | 10.21 | 6.46 | 29.03 | 938 | 0.27 | 0.73 | ↓ | ↓ |
| 1259 | 0.3 | 1.9 | 0.08 | 10.23 | 6.48 | 28.98 | 933 | 0.27 | 0.56 | ↓ | ↓ |

ORP = -93.3 at last parameter set

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

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison A Eggleston | SAMPLING INITIATED AT: 1300 | SAMPLING ENDED AT: 1310 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 10.5 | TUBING MATERIAL CODE: PE & S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y (N) | TUBING Y (N (replaced)) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40 mL | HCl | NA | NA | 8260 | RFPP | <100 |
| D,E | 2 | CG | 40 mL | None | NA | NA | 8011 | RFPP | <100 |
| F | 1 | PE | 500mL | $HNO_3$ | NA | — | Metals | APP | 300 |
| G | 1 | PE | 250mL | $H_2SO_4$ | NA | | Nutrients | APP | 300 |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients | APP | 300 |
| I | 1 | PE | 1L | None | NA | NA | Misc. Inorg. | | |

REMARKS:

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

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

**NOTES:** 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road, Nokomis FL 34275 | |
|---|---|---|
| WELL NO: CW-20 | SAMPLE ID: 27141 | DATE: 09/11/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: 7 feet to 17 feet | STATIC DEPTH TO WATER (feet): 9.86 | PURGE PUMP TYPE OR BAILER: PP |
|---|---|---|---|---|

**WELL VOLUME PURGE:** 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 17.5 feet – 9.86 feet) X 0.16 gallons/foot = 1.2 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10.8 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11' | PURGING INITIATED AT: 1329 | PURGING ENDED AT: 1352 | TOTAL VOLUME PURGED (gallons): 1.8 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or µS/cm | DISSOLVED OXYGEN (circle units) mg/L or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1344 | 1.2 | 1.2 | 0.08 | 10.76 | 6.38 | 29.03 | 890 | 0.30 | 0.60 | clear / slight green | none |
| 1348 | 0.3 | 1.5 | 0.08 | 10.81 | 6.39 | 28.91 | 882 | 0.25 | 0.56 | ↓ | ↓ |
| 1352 | 0.3 | 1.8 | 0.08 | 10.83 | 6.37 | 28.87 | 875 | 0.27 | 0.43 | ↓ | ↓ |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| ORP = -84.7 at last parameter set | | | | | | | | | | | |

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

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison J Eggleston | SAMPLING INITIATED AT: 1354 | SAMPLING ENDED AT: 1402 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 11' | TUBING MATERIAL CODE: PE & S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |

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

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40mL | HCl | NA | NA | 8260 | RFPP | <100 |
| D,E | 2 | CG | 40mL | None | NA | NA | 8011 | RFPP | <100 |
| F | 1 | PE | 500mL | $HNO_3$ | NA | — | Metals | APP | 300 |
| G | 1 | PE | 250mL | $H_2SO_4$ | NA | — | Nutrients | APP | 300 |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients | APP | 300 |
| I | 1 | PE | 1L | None | NA | NA | Misc. Inorg. | APP | 300 |
| | | | | | | | | | |

REMARKS:

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road, Nokomis FL 34275 | |
|---|---|---|
| WELL NO: MW-10R | SAMPLE ID: 4510 | DATE: 9/12/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 12.47 | PURGE PUMP TYPE OR BAILER: PP |
|---|---|---|---|---|

**WELL VOLUME PURGE:** 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 18.65 feet – 12.47 feet) X 0.16 gallons/foot = 1.0 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13.5 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13.5 | PURGING INITIATED AT: 1024 | PURGING ENDED AT: 1043 | TOTAL VOLUME PURGED (gallons): 1.4 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or (µS/cm) | DISSOLVED OXYGEN (circle units) (mg/L) or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1037 | 1.0 | 1.0 | 0.08 | 13.19 | 6.21 | 27.64 | 1559 | 0.37 | 2.82 | lt+yellow sheen | none |
| 1040 | 0.2 | 1.2 | 0.08 | 13.22 | 6.21 | 27.65 | 1560 | 0.34 | 3.60 | ↓ | ↓ |
| 1043 | 0.2 | 1.4 | 0.08 | 13.27 | 6.23 | 27.68 | 1559 | 0.33 | 4.96 | ↓ | ↓ |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| ORP = | | | | last parameter set | | | | | | | |

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

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison Eggleston | SAMPLING INITIATED AT: 1045 | SAMPLING ENDED AT: 1103 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 13.5 | TUBING MATERIAL CODE: PE & S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y (N) | TUBING Y (N replaced) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40mL | HCl | NA | NA | 8260 | RFPP | <100 |
| D,E | 2 | CG | 40mL | None | NA | NA | 8011 | RFPP | <100 |
| F | 1 | PE | 500mL | $HNO_3$ | NA | — | Metals | APP | 300 |
| G | 1 | PE | 250mL | $H_2SO_4$ | NA | — | Nutrients | APP | 300 |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients | APP | 300 |
| I | 1 | PE | 1L | None | NA | NA | Misc. Inorg. | APP | 300 |

REMARKS: heavy vehicle traffic next to well

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

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

**NOTES:** 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

15.5Form FD 9000-24

# GROUNDWATER SAMPLING LOG

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road, Nokomis FL 34275 | |
|---|---|---|
| WELL NO: MW-8A | SAMPLE ID: 21453 | DATE: 09/12/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 16.05 | PURGE PUMP TYPE OR BAILER: PP |
|---|---|---|---|---|

**WELL VOLUME PURGE:** 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 22.40 feet – 16.05 feet) X 0.16 gallons/foot = 1.0 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.0 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.0 | PURGING INITIATED AT: 1301 | PURGING ENDED AT: 1320 | TOTAL VOLUME PURGED (gallons): 1.4 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or µS/cm | DISSOLVED OXYGEN (circle units) mg/L or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1314 | 1.0 | 1.0 | 0.08 | 16.47 | 6.19 | 28.71 | 1920 | 0.54 | 6.59 | light amber/green | none |
| 1317 | 0.2 | 1.2 | 0.08 | 16.49 | 6.19 | 28.71 | 1920 | 0.52 | 6.45 | ↓ | ↓ |
| 1320 | 0.2 | 1.4 | 0.08 | 16.50 | 6.13 | 28.78 | 1920 | 0.52 | 6.61 | ↓ | ↓ |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| ORP = -63.4 | | | | last parameter set | | | | | | | |

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

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison J. Eggleston | SAMPLING INITIATED AT: 1321 | SAMPLING ENDED AT: 1336 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 17.0 | TUBING MATERIAL CODE: PE & S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y (N) | TUBING Y (N (replaced)) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40mL | HCl | NA | NA | 8260 | RFPP | <100 |
| D,E | 2 | CG | 40mL | None | NA | NA | 8011 | RFPP | <100 |
| F | 1 | PE | 500mL | $HNO_3$ | NA | — | Metals | APP | 300 |
| G | 1 | PE | 250mL | $H_2SO_4$ | NA | — | Nutrients | APP | 300 |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients | APP | 300 |
| I | 1 | PE | 1L | None | NA | NA | Misc. Inorg. | APP | 300 |

REMARKS:

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road | |
|---|---|---|
| WELL NO: CW-10R | SAMPLE ID: 22885 | DATE: 9/12/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 7.25 | PURGE PUMP TYPE OR BAILER: PP |
|---|---|---|---|---|

**WELL VOLUME PURGE:** 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 15.0 feet − 7.25 feet) X 0.16 gallons/foot = 1.2 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8.2 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9.0 | PURGING INITIATED AT: 0932 | PURGING ENDED AT: 0955 | TOTAL VOLUME PURGED (gallons): 1.8 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or µS/cm | DISSOLVED OXYGEN (circle units) mg/L or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0947 | 1.2 | 1.2 | 0.08 | 8.37 | 6.09 | 27.05 | 1414 | 0.36 | 1.65 | Pale yellow | sharp / none |
| 0951 | 0.3 | 1.5 | 0.08 | 8.51 | 6.09 | 27.04 | 1416 | 0.40 | 1.60 | ↓ | ↓ |
| 0955 | 0.3 | 1.8 | 0.08 | 8.64 | 6.08 | 26.98 | 1418 | 0.40 | 1.82 | ↓ | ↓ |

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

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison Eggleston | SAMPLING INITIATED AT: 0956 | SAMPLING ENDED AT: 1002 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 9.0 | TUBING MATERIAL CODE: PE & S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y (N) | TUBING Y (N replaced) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A | 1 | PE | 250 mL | $H_2SO_4$ | NA | <2 | Nutrients, Total Ammon. | APP | 300 |
| B | 1 | PE | 500mL | $HNO_3$ | NA | <2 | Metals | APP | 300 |
| C | 1 | PE | 1L | None | NA | — | Misc. Inorg | APP | 300 |
| | | | | | | | | | |
| | | | | | | | | | |

REMARKS:

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road | |
|---|---|---|
| WELL NO: CW-9 | SAMPLE ID: 22884 | DATE: 09/12/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 6.65 | PURGE PUMP TYPE OR BAILER: PP |
|---|---|---|---|---|

**WELL VOLUME PURGE:** 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 15.0 feet − 6.65 feet) X 0.16 gallons/foot = 1.3 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7.7 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8.0' | PURGING INITIATED AT: 1126 | PURGING ENDED AT: 1150 | TOTAL VOLUME PURGED (gallons): 1.9 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or (µS/cm) | DISSOLVED OXYGEN (circle units) mg/L or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1142 | 1.3 | 1.3 | 0.08 | 7.51 | 6.30 | 27.98 | 1133 | 0.23 | 2.80 | Amber w/ light Sheen | None |
| 1146 | 0.3 | 1.6 | 0.08 | 7.57 | 6.30 | 28.00 | 1153 | 0.27 | 2.87 | ↓ | ↓ |
| 1150 | 0.3 | 1.9 | 0.08 | 7.63 | 6.31 | 27.92 | 1182 | 0.23 | 2.17 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| ORP= -93.2 | | | | last Parameter Set | | | | | | | |

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

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison Eggleston | SAMPLING INITIATED AT: 1151 | SAMPLING ENDED AT: 1157 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 8.0' | TUBING MATERIAL CODE: PE & S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N (replaced)) | | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A | 1 | PE | 250mL | $H_2SO_4$ | NA | — | Nutrients, Total Amm | APP | 300 |
| B | 1 | PE | 500mL | $HNO_3$ | NA | — | Metals | APP | 300 |
| C | 1 | PE | 1L | None | NA | NA | Misc. Inorg | APP | 300 |
| | | | | | | | | | |
| | | | | | | | | | |

REMARKS:

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

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

**NOTES:** 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

| SITE NAME: **CCSWDC** | SITE LOCATION: **4000 Knights Trail Road, Nokomis FL 34275** | |
|---|---|---|
| WELL NO: **CW-8A** | SAMPLE ID: **22883** | DATE: 09/12/12 |

## PURGING DATA

| WELL DIAMETER (inches): **2.0** | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 15.66 | PURGE PUMP TYPE OR BAILER: **PP** |
|---|---|---|---|---|

**WELL VOLUME PURGE:** 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( **24.30** feet – 15.66 feet) X **0.16** gallons/foot = 1.4 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 16.6 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.0 | PURGING INITIATED AT: 1217 | PURGING ENDED AT: | TOTAL VOLUME PURGED (gallons): |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or µS/cm | DISSOLVED OXYGEN (circle units) mg/L or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1230 | 1.4 | 1.4 | 0.11 | 16.43 | 6.02 | 27.45 | 1694 | 0.35 | 2.23 | pale amber / green | none |
| 1233 | 0.3 | 1.7 | 0.11 | 16.50 | 6.00 | 27.36 | 1654 | 0.35 | 1.81 | ↓ | ↓ |
| 1236 | 0.3 | 2.0 | 0.11 | 16.52 | 6.00 | 27.38 | 1630 | 0.36 | 1.69 | | |

ORP = -59.0 at last parameter set

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

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: **Alison Eggleston / Sarasota County** | SAMPLER(S) SIGNATURE(S): Alison Eggleston | SAMPLING INITIATED AT: 1237 | SAMPLING ENDED AT: 1443 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 17.0 | TUBING MATERIAL CODE: **PE & S** | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y (N) | TUBING Y ( N (replaced) ) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A | 1 | PE | 250mL | $H_2SO_4$ | NA | — | Nutrients, Total Ammo. | APP | 400 |
| B | 1 | PE | 500mL | $HNO_3$ | NA | — | Metals | APP | 400 |
| C | 1 | PE | 1L | None | NA | NA | Misc. Inorg. | APP | 400 |
| | | | | | | | | | |
| | | | | | | | | | |

REMARKS:

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

| | |
|---|---|
| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Rd |
| WELL NO: MW-15 | SAMPLE ID: 23031 J |
| | DATE: 09/13/12 |

## PURGING DATA

| | | | | |
|---|---|---|---|---|
| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 24.25 | PURGE PUMP TYPE OR BAILER: ESP |

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 30.5 feet − 24.25 feet) X .16 gallons/foot = 1.0 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): | FINAL PUMP OR TUBING DEPTH IN WELL (feet): | PURGING INITIATED AT: | PURGING ENDED AT: | TOTAL VOLUME PURGED (gallons): |
|---|---|---|---|---|
| 26.0 | 26.0 | 0924 | 0957 | 5.5 5.25AE |

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or µS/cm | DISSOLVED OXYGEN (circle units) mg/l or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0930 | 1.0 | 1.0 | 0.16 | B/W | 6.39 | 26.35 | 3961 | 0.73 | 23.8 | N/A yellow | strong/none |
| 0933 | 0.5 | 1.5 | 0.16 | bottom | 6.40 | 26.37 | 3996 | 0.98 | 24.5 | | |
| 0936 | 0.5 | 2.0 | 0.16 | of pump | 6.41 | 26.38 | 4001 | 1.07 | 29.1 | | |
| 0939 | 0.5 | 2.5 | 0.16 | and | 6.41 | 26.39 | 3915 | 0.90 | 39.1 | | |
| 0942 | 0.5 | 3.0 | 0.16 | static | 6.40 | 26.54 | 3880 | 1.07 | 35.6 | | |
| 0945 | 0.5 | 3.5 | 0.16 | depth to water | 6.40 | 26.44 | 3866 | 1.09 | 35.1 | | |
| 0948 | 0.5 | 4.0 | 0.16 | W/24.25 | 6.39 | 26.49 | 3784 | 1.13 | 21.3 | yellow/strong | none |
| 0951 | 0.5 | 4.5 | 0.16 | -26' | 6.39 | 26.48 | 3747 | 1.13 | 15.3 | | |
| 0954 | 0.5 | 5.0 | 0.16 | | 6.38 | 26.50 | 3705 | 1.17 | 9.95 | | |
| 0957 | 0.5 | 5.5 | 0.16 | | 6.38 | 26.53 | 3673 | 1.18 | 7.51 | | |

ORP = -105.9 1st parameter set

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

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

## SAMPLING DATA

| | | | |
|---|---|---|---|
| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota Co. | SAMPLER(S) SIGNATURE(S): Alison J Eggleston | SAMPLING INITIATED AT: 0959 | SAMPLING ENDED AT: 1007 |
| PUMP OR TUBING DEPTH IN WELL (feet): 26.0 | TUBING MATERIAL CODE: PE | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP (Y) N | TUBING Y N (replaced) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40 mL | HCl | NA | NA | 8260 | AE RFPP ESP | 600 |
| D,E | 2 | CG | 40 mL | None | NA | NA | 8011 | ESP | 600 |
| F | 1 | PE | 500mL | $HNO_3$ | NA | – | Metals | ESP | 600 |
| G | 1 | PE | 250mL | $H_2SO_4$ | NA | – | Nutrients | ESP | 600 |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients | ESP | 600 |
| I | 1 | PE | 1L | None | NA | NA | Misc. Inorg | ESP | 600 |

REMARKS: Purge water clouds upon standing. Pump set as slow as possible at 32, Purged more than 5 volumes to lower turbidity

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road | |
|---|---|---|
| WELL NO: MW-16 | SAMPLE ID: 23032 | DATE: 09/13/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 24.85 | PURGE PUMP TYPE OR BAILER: ESP |
|---|---|---|---|---|

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

= ( 30.3 feet − 24.85 feet) X 0.16 gallons/foot = 0.9 gallons

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

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26.5 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26.5 | PURGING INITIATED AT: 1107 | PURGING ENDED AT: 1123 | TOTAL VOLUME PURGED (gallons): 1.6 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or µS/cm | DISSOLVED OXYGEN (circle units) mg/L or %-saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1117 | 1.0 | 1.0 | 0.1 | between bottom pump and static dtw N26.5-24.85' | 6.04 | 27.11 | 2492 | 0.68 | 1.94 | med/dk yellow brown | none/lt sheen |
| 1120 | 0.3 | 1.3 | 0.1 | | 6.04 | 27.10 | 2496 | 0.76 | 2.31 | ↓ | ↓ |
| 1123 | 0.3 | 1.6 | 0.1 | | 6.05 | 27.12 | 2493 | 0.77 | 2.606 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

ORP = -55.9 last parameter set

**WELL CAPACITY** (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

**TUBING INSIDE DIA. CAPACITY** (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison J. Eggleston | SAMPLING INITIATED AT: 1125 | SAMPLING ENDED AT: 1130 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 26.5 | TUBING MATERIAL CODE: PE | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N (replaced)) | | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40mL | HCl | NA | NA | 8260 | ESP | 400 |
| D,E | 2 | CG | 40mL | None | NA | NA | 8011 | ESP | 400 |
| F | 1 | PG | 500mL | $HNO_3$ | NA | — | Metals | ESP | 400 |
| G | 1 | PE | 250mL | $H_2SO_4$ | NA | ~~NA~~ | Nutrients | ESP | 400 |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients | ESP | 400 |
| I | 1 | PE | 1L | None | NA | NA | Misc Inorg. | ESP | 400 |

REMARKS: set pump speed as low as possible, 36 (level)

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road | |
|---|---|---|
| WELL NO: MW-17 | SAMPLE ID: 23033 | DATE: 09/13/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 28.34 | PURGE PUMP TYPE OR BAILER: ESP |
|---|---|---|---|---|

**WELL VOLUME PURGE:** 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 32.6 feet – 28.34 feet) X 0.16 gallons/foot = 0.7 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.0 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30' | PURGING INITIATED AT: 1216 | PURGING ENDED AT: 1226 | TOTAL VOLUME PURGED (gallons): 1.1 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or µS/cm | DISSOLVED OXYGEN (circle units) mg/L or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1222 | 0.7 | 0.7 | 0.12 | btw bottom of pump | 6.09 | 27.15 | 1768 | 0.57 | 1.32 | light amber | none |
| 1224 STAC | 0.2 | 0.9 | 0.12 | 2nd stable DTW | 6.09 | 27.09 | 1773 | 0.62 | 0.90 | ↓ | ↓ |
| 1226 STAC | 0.2 | 1.1 | 0.12 | N 28.34 30' | 6.10 | 27.03 | 1774 | 0.67 | 1.23 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

ORP = -83.7 at last parameter set

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

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison J Eggleston | SAMPLING INITIATED AT: 1229 | SAMPLING ENDED AT: 1243 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 30. | TUBING MATERIAL CODE: PE | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |

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

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40mL | HCl | NA | NA | 8260 | ESP | 456 |
| D,E | 2 | CG | 40mL | None | NA | NA | 8011 | ESP | 450 |
| F | 1 | PE | 500mL | $HNO_3$ | NA | — | Metals | ESP | 450 |
| G | 1 | PE | 250mL | $H_2SO_4$ | NA | — | Nutrients | ESP | 456 |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients | ESP | 450 |
| I | 1 | PE | 1L | None | NA | NA | Misc. Inorg. | ESP | 450 |
| | | | | | | | | | |

REMARKS: Set pump to lowest setting, 38

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

| SITE NAME: **CCSWDC** | SITE LOCATION: **4000 Knights Trail Road, Nokomis FL 34275** | |
|---|---|---|
| WELL NO: **MW-20** | SAMPLE ID: **23036** | DATE: 9/14/12 |

## PURGING DATA

| WELL DIAMETER (inches): **2.0** | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: **12** feet to **22** feet | STATIC DEPTH TO WATER (feet): 18.20 | PURGE PUMP TYPE OR BAILER: **PP** |
|---|---|---|---|---|

**WELL VOLUME PURGE:** 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 22.5 feet – 18.20 feet) X 0.16 gallons/foot = 0.7 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 19.2 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20.0 | PURGING INITIATED AT: 0935 | PURGING ENDED AT: 0957 | TOTAL VOLUME PURGED (gallons): 1.1 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or (µS/cm) | DISSOLVED OXYGEN (circle units) (mg/L) or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0949 | 0.7 | 0.7 | 0.05 | 19.12 | 6.31 | 27.08 | 7596 | 0.62 | 0.74 | Clear | None/Slight |
| 0953 | 0.2 | 0.9 | 0.05 | 19.21 | 6.29 | 27.12 | ~~2585~~ 2585 | 0.65 | 0.68 | ↓ | ↓ |
| 0957 | 0.2 | 1.1 | 0.05 | 19.34 | 6.29 | 27.12 | 2580 | 0.62 | 0.84 | ↓ | ↓ |

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

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: **Alison Eggleston / Sarasota County** | SAMPLER(S) SIGNATURE(S): Alison J Eggleston | SAMPLING INITIATED AT: 0958 | SAMPLING ENDED AT: 1012 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 19.2 20.0 | TUBING MATERIAL CODE: **PE & S** | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y (N) | TUBING Y (N (replaced)) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40mL | HCl | NA | NA | 8260 | RFPP | <100 |
| D,E | 2 | CG | 40mL | None | NA | NA | 8011 | RFPP | <100 |
| F | 1 | PE | 500mL | $HNO_3$ | NA | — | Metals | APP | 200 |
| G | 1 | PE | 250mL | $H_2SO_4$ | NA | — | Nutrients | APP | 200 |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients | APP | 200 |
| I | 1 | PE | 1L | None | NA | NA | Misc. Inorg. | APP | 200 |

REMARKS:

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

| SITE NAME: **CCSWDC** | SITE LOCATION: **4000 Knights Trail Road, Nokomis FL 34275** | |
|---|---|---|
| WELL NO: **MW-19** | SAMPLE ID: **23035** | DATE: 9/14/12 |

## PURGING DATA

| WELL DIAMETER (inches): **2.0** | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: **12** feet to **22** feet | STATIC DEPTH TO WATER (feet): 18.61 | PURGE PUMP TYPE OR BAILER: **PP** |
|---|---|---|---|---|

**WELL VOLUME PURGE:** **1 WELL VOLUME** = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( **22.5** feet − 18.61 feet) X **0.16** gallons/foot = 0.6 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 19.6 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19.6 | PURGING INITIATED AT: 10:42 | PURGING ENDED AT: 1100 | TOTAL VOLUME PURGED (gallons): 1.0 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or (µS/cm) | DISSOLVED OXYGEN (circle units) mg/L or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1054 | 0.6 | 0.6 | 0.05 | 19.15 | 5.97 | 27.67 | 1291 | 0.50 | 3.04 | yellow | none |
| 1057 | 0.2 | 0.8 | 0.05 | 19.18 | 5.97 | 27.82 | 1284 | 0.49 | 2.61 | if Sligh | ↓ |
| 1100 | 0.2 | 1.0 | 0.05 | 19.20 | 5.98 | 27.79 | 1272 | 049 | 2.60 | ↓ | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| ORP= -48.2 | | | last parameter set | | | | | | | | |

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

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: **Alison Eggleston / Sarasota County** | SAMPLER(S) SIGNATURE(S): Alison Eggleston | SAMPLING INITIATED AT: 1102 | SAMPLING ENDED AT: 1118 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 19.6 | TUBING MATERIAL CODE: PE & S | FIELD-FILTERED: Y ( N ) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y ( N ) | TUBING Y ( N (replaced) ) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40mL | HCl | NA | NA | 8260 | RFPP | <100 |
| D,E | 2 | CG | 40mL | None | NA | NA | 8011 | RFPP | <100 |
| F | 1 | PE | 500mL | $HNO_3$ | NA | — | Metals | APP | 200 |
| G | 1 | PE | 250mL | $H_2SO_4$ | NA | | Nutrients | APP | 200 |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients | APP | 200 |
| I | 1 | PE | 1L | None | NA | NA | Misc. Inorg. | APP | 200 |

REMARKS:

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

| SITE NAME: **CCSWDC** | SITE LOCATION: **4000 Knights Trail Road, Nokomis FL 34275** | |
|---|---|---|
| WELL NO: **MW-18** | SAMPLE ID: **23034** | DATE: 09/14/12 |

## PURGING DATA

| WELL DIAMETER (inches): **2.0** | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: **15.1** feet to **25.1** feet | STATIC DEPTH TO WATER (feet): 20.89 | PURGE PUMP TYPE OR BAILER: **PP** |
|---|---|---|---|---|

**WELL VOLUME PURGE:** 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 25.6 feet – 20.89 feet) X 0.16 gallons/foot = 0.8 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21.9 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.9 | PURGING INITIATED AT: 1153 | PURGING ENDED AT: 1217 | TOTAL VOLUME PURGED (gallons): 1.2 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or (µS/cm) | DISSOLVED OXYGEN (circle units) mg/L or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1209 | 0.8 | 0.8 | 0.05 | 21.13 | 6.29 | 28.74 | 1960 | 0.66 | 4.62 | pale yellow | none/sheen |
| 1213 | 0.2 | 1.0 | 0.05 | 21.13 | 6.27 | 28.77 | 1962 | 0.64 | 4.36 | ↓ | ↓ |
| 1217 | 0.2 | 1.2 | 0.05 | 21.13 | 6.28 | 28.89 | 1968 | 0.65 | 4.49 | ↓ | ↓ |

ORP = -79.2 at last parameter set

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

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: **Alison Eggleston / Sarasota County** | SAMPLER(S) SIGNATURE(S): Alison Eggleston | SAMPLING INITIATED AT: 1218 | SAMPLING ENDED AT: 1234 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 21.9 | TUBING MATERIAL CODE: **PE & S** | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y (N) | TUBING Y (N (replaced)) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40mL | HCl | NA | NA | 8260 | RFPP | 400 |
| D,E | 2 | CG | 40mL | None | NA | NA | 8011 | RFPP | 400 |
| F | 1 | PE | 500mL | $HNO_3$ | NA | — | Metals | APP | 200 |
| G | 1 | PE | 250mL | $H_2SO_4$ | NA | — | Nutrients | APP | 200 |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients | APP | 200 |
| I | 1 | PE | 1L | None | NA | NA | Misc. Inorg | APP | 200 |

REMARKS:

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

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

**NOTES:** 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road, Nokomis FL 34275 | |
|---|---|---|
| WELL NO: MW-1R | SAMPLE ID: 20585 | DATE: 09/14/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 4.92 | PURGE PUMP TYPE OR BAILER: PP |
|---|---|---|---|---|

**WELL VOLUME PURGE: 1 WELL VOLUME** = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 15.7 feet – 4.92 feet) X 0.16 gallons/foot = 1.7 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5.9 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6.5 | PURGING INITIATED AT: 1324 | PURGING ENDED AT: 1348 | TOTAL VOLUME PURGED (gallons): 2.6 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or µS/cm | DISSOLVED OXYGEN (circle units) mg/L or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1340 | 1.8 | 1.8 | 0.11 | 5.91 | 6.35 | 28.22 | 466 | 0.21 | 1.58 | Yellow | none |
| 1344 | 0.4 | 2.2 | 0.11 | 5.97 | 6.38 | 28.15 | 477 | 0.40 | 1.17 | ↓ | ↓ |
| 1348 | 0.4 | 2.6 | 0.11 | 6.05 | 6.40 | 28.26 | 486 | 0.22 | 1.19 | ↓ | ↓ |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

ORP = -22.6 at last parameter set

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

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison Eggleston | SAMPLING INITIATED AT: 1350 | SAMPLING ENDED AT: 1400 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 6.5 | TUBING MATERIAL CODE: PE & S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y (N) | TUBING Y (N (replaced)) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| ABC | 3 | CG | 40mL | HCl | NA | NA | 8260 | RFPP | <100 |
| DE | 2 | CG | 40mL | None | NA | NA | 8011 | RFPP | <100 |
| F | 1 | PE | 500mL | $HNO_3$ | NA | — | Metals | APP | 400 |
| G | 1 | PE | 250mL | $H_2SO_4$ | NA | — | Nutrients | APP | 400 |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients | APP | 400 |
| I | 1 | PE | 1L | None | NA | NA | Misc. Inorg. | APP | 400 |

REMARKS: Well depth measured 5/2010.

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

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

**NOTES:** 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

DEP-SOP-001/01
FT 1100 Field Measurement of Hydrogen Ion Activity (pH)

**Form FD 9000-7: Field Parameter Data Sheet for Surface Water**

SURVEY/PROJECT: CC Annual Gas Condensate 2012 SAMPLERS: AE ~~TS~~ METER # 151-556

| STATION NUMBER | STATION DESCRIPTION | PARAMETER | DATE | TIME | TOTAL DEPTH | SAMPLE DEPTH | WATER TEMP | DO | %SAT DO | COND | SALINITY | PH | TURBIDITY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | UNIT | yy/mm/dd | hr:min | feet | feet | Celsius | mg/L | % | µS/cm | ppt | su | NTU |
| | | STORET CODE | 73672 | | 81903 | 68 | 10 | 299 | 301 | 94 | 480 | 400 | 82078 |
| 23340 | S-4 | | 12/09/18 | 12:50 | — | — | 32.81 | 2.12 | — | 7515 | — | 7.45 | 4.20 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

FIELD CONDITIONS FOR STATION# _____ AT TIME_____:

CLOUD COVER (%): _____ WIND DIRECTION: _____ TIDAL STAGE: _____

PREVIOUS RAINFALL: _____ WIND SPEED (MPH/KNOTS): _____ WAVE CONDITIONS: _____

**Note: This Sheet is used for recording Sample Data – Calibration information must also be documented**

Revision Date: February 1, 2004

DEP-SOP-001/01
FT 1100 Field Measurement of Hydrogen Ion Activity (pH)

**Form FD 9000-7: Field Parameter Data Sheet for Surface Water**

SURVEY/PROJECT: QC SW-2nd Semi 2012 SAMPLERS: AE+JS METER # YSI-556

| STATION NUMBER | STATION DESCRIPTION | PARAMETER | DATE | TIME | TOTAL DEPTH | SAMPLE DEPTH | WATER TEMP | DO | %SAT DO | COND | SALINITY | PH | TURBIDITY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | UNIT | yy/mm/dd | hr:min | feet | feet | Celsius | mg/L | % | µS/cm | ppt | su | NTU |
| | | STORET CODE | 73672 | | 81903 | 68 | 10 | 299 | 301 | 94 | 480 | 400 | 82078 |
| 28824 | Pond 1 | | 12/09/19 | 10:50 | 3 | 1 | 27.02 | 2.76 | — | 359 | — | 6.82 | 6.01 |
| 28825 | Pond 2 | | 12/09/19 | 11:10 | 4 | 1 | 26.64 | 1.97 | — | 381 | — | 6.82 | 29.4 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

FIELD CONDITIONS FOR STATION# _____ AT TIME _____:

CLOUD COVER (%): _____ WIND DIRECTION: _____ TIDAL STAGE: _____

PREVIOUS RAINFALL: _____ WIND SPEED (MPH/KNOTS): _____ WAVE CONDITIONS: _____

**Note: This Sheet is used for recording Sample Data – Calibration information must also be documented**

Revision Date: February 1, 2004

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

October 09, 2012

Mr. Cesar Rodriquez
Sarasota County
1255 T. Mabry Carlton Parkway
Venice, FL 34292

RE: Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

Dear Mr. Rodriquez:
Enclosed are the analytical results for sample(s) received by the laboratory between September 12, 2012 and September 19, 2012. 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.

Some analyses have been subcontracted outside of the Pace Network. The subcontracted laboratory report has been attached.

Analysis performed by Benchmark, E84167, identified on the COC and report attached.

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

Sincerely,

Joe Vondrick

joe.vondrick@pacelabs.com
Project Manager

Enclosures

cc: Ms. Heather Bryen, Sarasota County
Finance Dept., Sarasota County



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

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

## CERTIFICATIONS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**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
Pace Analytical Services - Ormond certification number E83509
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
Washington Certification #: C955
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

**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



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

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

## SAMPLE SUMMARY

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|---|---|---|---|---|
| 3567547001 | CW-15 | Water | 09/11/12 10:35 | 09/12/12 03:10 |
| 3567547002 | CW-16 | Water | 09/11/12 11:46 | 09/12/12 03:10 |
| 3567547003 | CW-19 | Water | 09/11/12 13:00 | 09/12/12 03:10 |
| 3567547004 | CW-20 | Water | 09/11/12 13:54 | 09/12/12 03:10 |
| 3567547005 | MW-9 | Water | 09/11/12 08:38 | 09/12/12 03:10 |
| 3567547006 | Equip Blank #1 | Water | 09/11/12 09:32 | 09/12/12 03:10 |
| 3567547007 | Trip Blank #1 | Water | 09/11/12 08:00 | 09/12/12 03:10 |
| 3567547008 | MW-10R | Water | 09/12/12 10:45 | 09/14/12 03:00 |
| 3567547009 | MW-8A | Water | 09/12/12 13:21 | 09/14/12 03:00 |
| 3567547010 | Trip Blank #2 | Water | 09/12/12 13:21 | 09/14/12 03:00 |
| 3567547011 | CW-10R | Water | 09/12/12 09:56 | 09/14/12 03:00 |
| 3567547012 | CW-9 | Water | 09/12/12 11:51 | 09/14/12 03:00 |
| 3567547013 | CW-8A | Water | 09/12/12 12:37 | 09/14/12 03:00 |
| 3567547014 | Equip. Blank #2 | Water | 09/12/12 09:25 | 09/14/12 03:00 |
| 3567547015 | MW-15 | Water | 09/13/12 09:59 | 09/14/12 03:00 |
| 3567547016 | MW-16 | Water | 09/13/12 11:25 | 09/14/12 03:00 |
| 3567547017 | MW-17 | Water | 09/13/12 12:29 | 09/14/12 03:00 |
| 3567547018 | Equip. Blank #3 | Water | 09/13/12 13:05 | 09/14/12 03:00 |
| 3567547019 | Trip Blank #3 | Water | 09/13/12 08:00 | 09/14/12 03:00 |
| 3567547020 | MW-20 | Water | 09/14/12 09:58 | 09/15/12 00:30 |
| 3567547021 | MW-19 | Water | 09/14/12 11:02 | 09/15/12 00:30 |
| 3567547022 | MW-18 | Water | 09/14/12 12:18 | 09/15/12 00:30 |
| 3567547023 | MW-1R | Water | 09/14/12 13:50 | 09/15/12 00:30 |
| 3567547024 | Trip Blank #4 | Water | 09/14/12 08:00 | 09/15/12 00:30 |
| 3567547025 | Equip. Blank #4 | Water | 09/18/12 09:15 | 09/19/12 03:30 |
| 3567547026 | Trip Blank #5 | Water | 09/18/12 08:00 | 09/19/12 03:30 |
| 3567547031 | Gas Condensate | Water | 09/18/12 12:50 | 09/19/12 03:30 |
| 3567547032 | Trip Blank #8 | Water | 09/18/12 08:00 | 09/19/12 03:30 |
| 3567547033 | Pond #1 | Water | 09/19/12 10:40 | 09/19/12 13:00 |
| 3567547034 | Pond #2 | Water | 09/19/12 11:10 | 09/19/12 13:00 |
| 3567547035 | Trip Blank B | Water | 09/19/12 08:00 | 09/19/12 13:00 |
| 3567547036 | Field Blank sw | Water | 09/19/12 10:10 | 09/19/12 13:00 |
| 3567547037 | Trip Blank A | Water | 09/19/12 08:00 | 09/19/12 13:00 |



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

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

## SAMPLE ANALYTE COUNT

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|---|---|---|---|---|---|
| 3567547001 | CW-15 | EPA 8011 | JLR | 2 | PASI-O |
| | | EPA 6010 | TAP | 17 | PASI-O |
| | | EPA 6020 | HEA | 2 | PASI-O |
| | | EPA 7470 | HEA | 1 | PASI-O |
| | | EPA 8260 | SK | 49 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |
| | | EPA 300.0 | LAJ | 3 | PASI-O |
| | | EPA 300.0 | LAJ | 2 | PASI-O |
| | | EPA 350.1 | SOA | 1 | PASI-O |
| 3567547002 | CW-16 | EPA 8011 | JLR | 2 | PASI-O |
| | | EPA 6010 | JTJ, TAP | 17 | PASI-O |
| | | EPA 6020 | HEA | 2 | PASI-O |
| | | EPA 7470 | HEA | 1 | PASI-O |
| | | EPA 8260 | SK | 49 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |
| | | EPA 300.0 | LAJ | 3 | PASI-O |
| | | EPA 300.0 | LAJ | 2 | PASI-O |
| | | EPA 350.1 | SOA | 1 | PASI-O |
| 3567547003 | CW-19 | EPA 8011 | JLR | 2 | PASI-O |
| | | EPA 6010 | TAP | 17 | PASI-O |
| | | EPA 6020 | HEA | 2 | PASI-O |
| | | EPA 7470 | HEA | 1 | PASI-O |
| | | EPA 8260 | SK | 49 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |
| | | EPA 300.0 | LAJ | 3 | PASI-O |
| | | EPA 300.0 | LAJ | 2 | PASI-O |
| | | EPA 350.1 | SOA | 1 | PASI-O |
| 3567547004 | CW-20 | EPA 8011 | JLR | 2 | PASI-O |
| | | EPA 6010 | TAP | 17 | PASI-O |
| | | EPA 6020 | HEA | 2 | PASI-O |
| | | EPA 7470 | HEA | 1 | PASI-O |
| | | EPA 8260 | SK | 49 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |
| | | EPA 300.0 | LAJ | 3 | PASI-O |
| | | EPA 300.0 | LAJ | 2 | PASI-O |
| | | EPA 350.1 | SOA | 1 | PASI-O |
| 3567547005 | MW-9 | EPA 8011 | JLR | 2 | PASI-O |



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

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

## SAMPLE ANALYTE COUNT

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|---|---|---|---|---|---|
| | | EPA 6010 | TAP | 20 | PASI-O |
| | | EPA 6020 | HEA | 2 | PASI-O |
| | | EPA 7470 | HEA | 1 | PASI-O |
| | | EPA 8260 | SK | 49 | PASI-O |
| | | SM 2320B | AMD | 3 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |
| | | EPA 300.0 | LAJ | 3 | PASI-O |
| | | EPA 300.0 | LAJ | 2 | PASI-O |
| | | EPA 350.1 | SOA | 1 | PASI-O |
| 3567547006 | Equip Blank #1 | EPA 8011 | JLR | 2 | PASI-O |
| | | EPA 6010 | TAP | 20 | PASI-O |
| | | EPA 6020 | HEA | 2 | PASI-O |
| | | EPA 7470 | HEA | 1 | PASI-O |
| | | EPA 8260 | SK | 49 | PASI-O |
| | | SM 2320B | AMD | 3 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |
| | | EPA 300.0 | LAJ | 3 | PASI-O |
| | | EPA 300.0 | LAJ | 2 | PASI-O |
| | | EPA 350.1 | SOA | 1 | PASI-O |
| 3567547007 | Trip Blank #1 | EPA 8260 | SK | 49 | PASI-O |
| 3567547008 | MW-10R | EPA 8011 | JLR | 2 | PASI-O |
| | | EPA 6010 | TAP | 20 | PASI-O |
| | | EPA 6020 | HEA | 2 | PASI-O |
| | | EPA 7470 | DRS | 1 | PASI-O |
| | | EPA 8260 | BCH | 49 | PASI-O |
| | | SM 2320B | AMD | 3 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |
| | | EPA 300.0 | LAJ | 3 | PASI-O |
| | | EPA 300.0 | LAJ | 2 | PASI-O |
| | | EPA 350.1 | SOA | 1 | PASI-O |
| 3567547009 | MW-8A | EPA 8011 | JLR | 2 | PASI-O |
| | | EPA 6010 | TAP | 20 | PASI-O |
| | | EPA 6020 | HEA | 2 | PASI-O |
| | | EPA 7470 | DRS | 1 | PASI-O |
| | | EPA 8260 | BCH | 49 | PASI-O |
| | | SM 2320B | AMD | 3 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |



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

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

## SAMPLE ANALYTE COUNT

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|---|---|---|---|---|---|
| | | EPA 300.0 | LAJ | 3 | PASI-O |
| | | EPA 300.0 | LAJ | 2 | PASI-O |
| | | EPA 350.1 | SOA | 1 | PASI-O |
| 3567547010 | Trip Blank #2 | EPA 8260 | BCH | 49 | PASI-O |
| 3567547011 | CW-10R | EPA 6010 | JTJ | 2 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |
| | | EPA 350.1 | SOA | 1 | PASI-O |
| 3567547012 | CW-9 | EPA 6010 | JTJ | 2 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |
| | | EPA 350.1 | SOA | 1 | PASI-O |
| 3567547013 | CW-8A | EPA 6010 | JTJ | 2 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |
| | | EPA 350.1 | SOA | 1 | PASI-O |
| 3567547014 | Equip. Blank #2 | EPA 6010 | JTJ | 2 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |
| | | EPA 350.1 | SOA | 1 | PASI-O |
| 3567547015 | MW-15 | EPA 8011 | JLR | 2 | PASI-O |
| | | EPA 6010 | JTJ, TAP | 20 | PASI-O |
| | | EPA 6020 | HEA | 2 | PASI-O |
| | | EPA 7470 | DRS | 1 | PASI-O |
| | | EPA 8260 | BCH | 49 | PASI-O |
| | | SM 2320B | AMD | 3 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |
| | | EPA 300.0 | LAJ | 3 | PASI-O |
| | | EPA 300.0 | LAJ | 2 | PASI-O |
| | | EPA 350.1 | SOA | 1 | PASI-O |
| 3567547016 | MW-16 | EPA 8011 | JLR | 2 | PASI-O |
| | | EPA 6010 | TAP | 20 | PASI-O |
| | | EPA 6020 | HEA | 2 | PASI-O |
| | | EPA 7470 | DRS | 1 | PASI-O |
| | | EPA 8260 | BCH | 49 | PASI-O |
| | | SM 2320B | AMD | 3 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |
| | | EPA 300.0 | LAJ | 3 | PASI-O |
| | | EPA 300.0 | LAJ | 2 | PASI-O |
| | | EPA 350.1 | SOA | 1 | PASI-O |
| 3567547017 | MW-17 | EPA 8011 | JLR | 2 | PASI-O |



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

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

## SAMPLE ANALYTE COUNT

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|---|---|---|---|---|---|
| | | EPA 6010 | TAP | 20 | PASI-O |
| | | EPA 6020 | HEA | 2 | PASI-O |
| | | EPA 7470 | DRS | 1 | PASI-O |
| | | EPA 8260 | BCH | 49 | PASI-O |
| | | SM 2320B | AMD | 3 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |
| | | EPA 300.0 | LAJ | 3 | PASI-O |
| | | EPA 300.0 | LAJ | 2 | PASI-O |
| | | EPA 350.1 | SOA | 1 | PASI-O |
| 3567547018 | Equip. Blank #3 | EPA 8011 | JLR | 2 | PASI-O |
| | | EPA 6010 | TAP | 20 | PASI-O |
| | | EPA 6020 | HEA | 2 | PASI-O |
| | | EPA 7470 | DRS | 1 | PASI-O |
| | | EPA 8260 | BCH | 49 | PASI-O |
| | | SM 2320B | AMD | 3 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |
| | | EPA 300.0 | LAJ | 3 | PASI-O |
| | | EPA 300.0 | LAJ | 2 | PASI-O |
| | | EPA 350.1 | SOA | 1 | PASI-O |
| 3567547019 | Trip Blank #3 | EPA 8260 | BCH | 49 | PASI-O |
| 3567547020 | MW-20 | EPA 8011 | JLR | 2 | PASI-O |
| | | EPA 6010 | JTJ | 20 | PASI-O |
| | | EPA 6020 | DRS | 2 | PASI-O |
| | | EPA 7470 | DRS | 1 | PASI-O |
| | | EPA 8260 | BCH | 49 | PASI-O |
| | | SM 2320B | AMD | 3 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |
| | | EPA 300.0 | IRL | 3 | PASI-O |
| | | EPA 300.0 | IRL | 2 | PASI-O |
| | | EPA 350.1 | SOA | 1 | PASI-O |
| 3567547021 | MW-19 | EPA 8011 | JLR | 2 | PASI-O |
| | | EPA 6010 | JTJ | 20 | PASI-O |
| | | EPA 6020 | DRS | 2 | PASI-O |
| | | EPA 7470 | DRS | 1 | PASI-O |
| | | EPA 8260 | BCH | 49 | PASI-O |
| | | SM 2320B | AMD | 3 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |



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

Pace Analytical®
www.pacelabs.com

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

## SAMPLE ANALYTE COUNT

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|---|---|---|---|---|---|
| | | EPA 300.0 | IRL | 3 | PASI-O |
| | | EPA 300.0 | IRL | 2 | PASI-O |
| | | EPA 350.1 | SOA | 1 | PASI-O |
| **3567547022** | **MW-18** | EPA 8011 | JLR | 2 | PASI-O |
| | | EPA 6010 | JTJ | 20 | PASI-O |
| | | EPA 6020 | DRS | 2 | PASI-O |
| | | EPA 7470 | DRS | 1 | PASI-O |
| | | EPA 8260 | BCH | 49 | PASI-O |
| | | SM 2320B | AMD | 3 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |
| | | EPA 300.0 | IRL | 3 | PASI-O |
| | | EPA 300.0 | IRL | 2 | PASI-O |
| | | EPA 350.1 | SOA | 1 | PASI-O |
| **3567547023** | **MW-1R** | EPA 8011 | JLR | 2 | PASI-O |
| | | EPA 6010 | JTJ | 20 | PASI-O |
| | | EPA 6020 | DRS | 2 | PASI-O |
| | | EPA 7470 | DRS | 1 | PASI-O |
| | | EPA 8260 | BCH | 49 | PASI-O |
| | | SM 2320B | AMD | 3 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |
| | | EPA 300.0 | IRL | 3 | PASI-O |
| | | EPA 300.0 | IRL | 2 | PASI-O |
| | | EPA 350.1 | SOA | 1 | PASI-O |
| **3567547024** | **Trip Blank #4** | EPA 8260 | BCH | 49 | PASI-O |
| **3567547025** | **Equip. Blank #4** | EPA 8011 | JLR | 2 | PASI-O |
| | | EPA 8081 | JLG | 23 | PASI-O |
| | | EPA 8082 | JLG | 9 | PASI-O |
| | | EPA 8141 | WFH | 7 | PASI-O |
| | | EPA 8151 | LJM | 6 | PASI-O |
| | | EPA 6010 | JTJ | 19 | PASI-O |
| | | EPA 6020 | HEA | 2 | PASI-O |
| | | EPA 7470 | HEA | 1 | PASI-O |
| | | EPA 8270 | EAO | 111 | PASI-O |
| | | EPA 8270 by SCAN | EAO | 20 | PASI-O |
| | | EPA 8260 | BCH | 62 | PASI-O |
| | | SM 2320B | AMD | 2 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |



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

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

## SAMPLE ANALYTE COUNT

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|---|---|---|---|---|---|
| | | SM 4500-S2E | MMD | 1 | PASI-O |
| | | SM 5210B | KDM | 1 | PASI-O |
| | | EPA 300.0 | IRL | 3 | PASI-O |
| | | EPA 300.0 | IRL | 2 | PASI-O |
| | | EPA 335.4 | SOA | 1 | PASI-O |
| | | EPA 350.1 | SOA | 1 | PASI-O |
| | | EPA 410.4 | AIS | 1 | PASI-O |
| **3567547026** | **Trip Blank #5** | EPA 8260 | BCH | 62 | PASI-O |



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

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

## SAMPLE ANALYTE COUNT

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|---|---|---|---|---|---|
| 3567547031 | Gas Condensate | EPA 8011 | JLR | 2 | PASI-O |
| | | EPA 8081 | JLG | 23 | PASI-O |
| | | EPA 8082 | JLG | 9 | PASI-O |
| | | EPA 8141 | WFH | 7 | PASI-O |
| | | EPA 8151 | LJM | 6 | PASI-O |
| | | EPA 6010 | JTJ | 19 | PASI-O |
| | | EPA 6020 | HEA | 2 | PASI-O |
| | | EPA 7470 | HEA | 1 | PASI-O |
| | | EPA 8270 | EAO | 111 | PASI-O |
| | | EPA 8270 by SCAN | EAO | 20 | PASI-O |
| | | EPA 8260 | SK | 62 | PASI-O |
| | | SM 2320B | AMD | 2 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |
| | | SM 4500-S2E | MMD | 1 | PASI-O |
| | | SM 5210B | AMD | 1 | PASI-O |
| | | EPA 300.0 | IRL | 3 | PASI-O |
| | | EPA 300.0 | IRL | 2 | PASI-O |
| | | EPA 335.4 | SOA | 1 | PASI-O |
| | | EPA 350.1 | SOA | 1 | PASI-O |
| | | EPA 410.4 | AIS | 1 | PASI-O |
| 3567547032 | Trip Blank #8 | EPA 8260 | SK | 62 | PASI-O |
| 3567547033 | Pond #1 | EPA 1631E | LMS | 1 | PASI-G |
| | | EPA 8011 | JLR | 2 | PASI-O |
| | | EPA 6010 | JTJ | 13 | PASI-O |



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

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

## SAMPLE ANALYTE COUNT

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|---|---|---|---|---|---|
| | | EPA 6020 | DRS | 8 | PASI-O |
| | | EPA 8260 | SK | 49 | PASI-O |
| | | SM 2320B | AMD | 3 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |
| | | SM 2540D | AGS | 1 | PASI-O |
| | | SM 5210B | AMD | 1 | PASI-O |
| | | SM10200 | MSM | 1 | PASI-O |
| | | TKN+NOx Calculation | TLK | 1 | PASI-O |
| | | EPA 300.0 | LAJ | 3 | PASI-O |
| | | EPA 300.0 | LAJ | 1 | PASI-O |
| | | EPA 350.1 | SOA | 2 | PASI-O |
| | | EPA 351.2 | MSM | 1 | PASI-O |
| | | EPA 353.2 | MSM | 1 | PASI-O |
| | | EPA 365.4 | MSM | 1 | PASI-O |
| | | EPA 410.4 | AIS | 1 | PASI-O |
| | | SM 5310B | MMD | 1 | PASI-O |
| **3567547034** | **Pond #2** | EPA 1631E | LMS | 1 | PASI-G |
| | | EPA 8011 | JLR | 2 | PASI-O |
| | | EPA 6010 | JTJ | 13 | PASI-O |
| | | EPA 6020 | DRS | 8 | PASI-O |
| | | EPA 8260 | SK | 49 | PASI-O |
| | | SM 2320B | AMD | 3 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |
| | | SM 2540D | AGS | 1 | PASI-O |
| | | SM 5210B | AMD | 1 | PASI-O |
| | | SM10200 | MSM | 1 | PASI-O |
| | | TKN+NOx Calculation | TLK | 1 | PASI-O |
| | | EPA 300.0 | LAJ | 3 | PASI-O |
| | | EPA 300.0 | LAJ | 1 | PASI-O |
| | | EPA 350.1 | SOA | 2 | PASI-O |
| | | EPA 351.2 | MSM | 1 | PASI-O |
| | | EPA 353.2 | MSM | 1 | PASI-O |
| | | EPA 365.4 | MSM | 1 | PASI-O |
| | | EPA 410.4 | AIS | 1 | PASI-O |
| | | SM 5310B | MMD | 1 | PASI-O |
| **3567547035** | **Trip Blank B** | EPA 8260 | SK | 49 | PASI-O |
| **3567547036** | **Field Blank sw** | EPA 1631E | LMS | 1 | PASI-G |



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

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

## SAMPLE ANALYTE COUNT

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|---|---|---|---|---|---|
| | | EPA 8011 | JLR | 2 | PASI-O |
| | | EPA 6010 | JTJ | 13 | PASI-O |
| | | EPA 6020 | DRS | 8 | PASI-O |
| | | EPA 8260 | SK | 49 | PASI-O |
| | | SM 2320B | AMD | 3 | PASI-O |
| | | SM 2540C | AGS | 1 | PASI-O |
| | | SM 2540D | AGS | 1 | PASI-O |
| | | SM 5210B | AMD | 1 | PASI-O |
| | | SM10200 | MSM | 1 | PASI-O |
| | | TKN+NOx Calculation | TLK | 1 | PASI-O |
| | | EPA 300.0 | IRL | 1 | PASI-O |
| | | EPA 300.0 | LAJ | 1 | PASI-O |
| | | EPA 350.1 | SOA | 2 | PASI-O |
| | | EPA 351.2 | MSM | 1 | PASI-O |
| | | EPA 353.2 | MSM | 1 | PASI-O |
| | | EPA 365.4 | MSM | 1 | PASI-O |
| | | EPA 410.4 | AIS | 1 | PASI-O |
| | | SM 5310B | MMD | 1 | PASI-O |
| 3567547037 | Trip Blank A | EPA 8260 | SK | 49 | PASI-O |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: CW-15** **Lab ID: 3567547001** Collected: 09/11/12 10:35 Received: 09/12/12 03:10 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Field Data** | Analytical Method: | | | | | | | | |
| Field pH | **6.30** | Std. Units | 0.10 | 0.10 | 1 | | 09/11/12 10:35 | | |
| Field Temperature | **28.01** | deg C | 0.50 | 0.50 | 1 | | 09/11/12 10:35 | | |
| Field Specific Conductance | **3274** | umhos/cm | 1.0 | 1.0 | 1 | | 09/11/12 10:35 | | |
| Oxygen, Dissolved | **0.79** | mg/L | | | 1 | | 09/11/12 10:35 | 7782-44-7 | |
| Turbidity | **1.08** | NTU | 1.0 | 1.0 | 1 | | 09/11/12 10:35 | | |
| **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 | 09/17/12 14:00 | 09/18/12 12:43 | 96-12-8 | |
| 1,2-Dibromoethane (EDB) | **0.0062U** | ug/L | 0.010 | 0.0062 | 1 | 09/17/12 14:00 | 09/18/12 12:43 | 106-93-4 | |
| **6010 MET ICP** | Analytical Method: EPA 6010 | | Preparation Method: EPA 3010 | | | | | | |
| Aluminum | **87.3 I** | ug/L | 100 | 50.0 | 1 | 09/13/12 11:18 | 09/17/12 03:41 | 7429-90-5 | |
| Arsenic | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 03:41 | 7440-38-2 | |
| Barium | **294** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 03:41 | 7440-39-3 | |
| Beryllium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/17/12 03:41 | 7440-41-7 | |
| Cadmium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/17/12 03:41 | 7440-43-9 | |
| Chromium | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 03:41 | 7440-47-3 | |
| Cobalt | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 03:41 | 7440-48-4 | |
| Copper | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 03:41 | 7440-50-8 | |
| Iron | **14300** | ug/L | 40.0 | 20.0 | 1 | 09/13/12 11:18 | 09/17/12 03:41 | 7439-89-6 | |
| Lead | **5.1 I** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 03:41 | 7439-92-1 | |
| Manganese | **3780** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 03:41 | 7439-96-5 | |
| Nickel | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 03:41 | 7440-02-0 | |
| Selenium | **7.5U** | ug/L | 15.0 | 7.5 | 1 | 09/13/12 11:18 | 09/17/12 03:41 | 7782-49-2 | |
| Silver | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 03:41 | 7440-22-4 | |
| Sodium | **71.7** | mg/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/17/12 03:41 | 7440-23-5 | |
| Vanadium | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 03:41 | 7440-62-2 | |
| Zinc | **10.0U** | ug/L | 20.0 | 10.0 | 1 | 09/13/12 11:18 | 09/17/12 03:41 | 7440-66-6 | |
| **6020 MET ICPMS** | Analytical Method: EPA 6020 | | Preparation Method: EPA 3010 | | | | | | |
| Antimony | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/15/12 02:24 | 7440-36-0 | |
| Thallium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/15/12 02:24 | 7440-28-0 | |
| **7470 Mercury** | Analytical Method: EPA 7470 | | Preparation Method: EPA 7470 | | | | | | |
| Mercury | **0.10U** | ug/L | 0.20 | 0.10 | 1 | 09/13/12 03:00 | 09/13/12 12:49 | 7439-97-6 | |
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Acetone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 14:46 | 67-64-1 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 14:46 | 107-13-1 | |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/22/12 14:46 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/22/12 14:46 | 75-27-4 | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 14:46 | 78-93-3 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: CW-15** **Lab ID: 3567547001** Collected: 09/11/12 10:35 Received: 09/12/12 03:10 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 14:46 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/22/12 14:46 | 74-87-3 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/22/12 14:46 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 74-95-3 | |
| 1,2-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 95-50-1 | |
| 1,4-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 14:46 | 110-57-6 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 78-87-5 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/22/12 14:46 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/22/12 14:46 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 100-41-4 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 14:46 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 74-88-4 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/22/12 14:46 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 14:46 | 108-10-1 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/22/12 14:46 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 108-88-3 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/22/12 14:46 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/22/12 14:46 | 108-05-4 | |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:46 | 1330-20-7 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 91 | % | 70-114 | | 1 | | 09/22/12 14:46 | 460-00-4 | |
| Dibromofluoromethane (S) | 109 | % | 88-117 | | 1 | | 09/22/12 14:46 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 112 | % | 86-125 | | 1 | | 09/22/12 14:46 | 17060-07-0 | |
| Toluene-d8 (S) | 98 | % | 87-113 | | 1 | | 09/22/12 14:46 | 2037-26-5 | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **2410** | mg/L | 20.0 | 20.0 | 1 | | 09/18/12 12:24 | | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: CW-15** **Lab ID: 3567547001** Collected: 09/11/12 10:35 Received: 09/12/12 03:10 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **300.0 IC Anions** | Analytical Method: EPA 300.0 | | | | | | | | |
| Nitrate as N | **0.50U** | mg/L | 1.0 | 0.50 | 20 | | 09/12/12 19:46 | 14797-55-8 | |
| Nitrite as N | **0.50U** | mg/L | 1.0 | 0.50 | 20 | | 09/12/12 19:46 | 14797-65-0 | |
| Nitrogen, NO2 plus NO3 | **0.50U** | mg/L | 1.0 | 0.50 | 20 | | 09/12/12 19:46 | | |
| **300.0 IC Anions 28 Days** | Analytical Method: EPA 300.0 | | | | | | | | |
| Chloride | **117** | mg/L | 100 | 50.0 | 20 | | 09/12/12 19:46 | 16887-00-6 | |
| Sulfate | **724** | mg/L | 100 | 50.0 | 20 | | 09/12/12 19:46 | 14808-79-8 | |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **8.4** | mg/L | 0.050 | 0.020 | 1 | | 09/13/12 10:11 | 7664-41-7 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: CW-16** **Lab ID: 3567547002** Collected: 09/11/12 11:46 Received: 09/12/12 03:10 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Field Data** | Analytical Method: | | | | | | | | |
| Field pH | **6.09** | Std. Units | 0.10 | 0.10 | 1 | | 09/11/12 11:46 | | |
| Field Temperature | **27.16** | deg C | 0.50 | 0.50 | 1 | | 09/11/12 11:46 | | |
| Field Specific Conductance | **2203** | umhos/cm | 1.0 | 1.0 | 1 | | 09/11/12 11:46 | | |
| Oxygen, Dissolved | **0.84** | mg/L | | | 1 | | 09/11/12 11:46 | 7782-44-7 | |
| Turbidity | **1.16** | NTU | 1.0 | 1.0 | 1 | | 09/11/12 11:46 | | |
| **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 | 09/17/12 14:00 | 09/18/12 12:59 | 96-12-8 | |
| 1,2-Dibromoethane (EDB) | **0.0062U** | ug/L | 0.010 | 0.0062 | 1 | 09/17/12 14:00 | 09/18/12 12:59 | 106-93-4 | |
| **6010 MET ICP** | Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | |
| Aluminum | **152** | ug/L | 100 | 50.0 | 1 | 09/13/12 11:18 | 09/17/12 03:45 | 7429-90-5 | |
| Arsenic | **21.0** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 03:45 | 7440-38-2 | |
| Barium | **121** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 03:45 | 7440-39-3 | |
| Beryllium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/17/12 03:45 | 7440-41-7 | |
| Cadmium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/15/12 00:53 | 7440-43-9 | |
| Chromium | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 03:45 | 7440-47-3 | |
| Cobalt | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 03:45 | 7440-48-4 | |
| Copper | **12.5U** | ug/L | 25.0 | 12.5 | 5 | 09/13/12 11:18 | 09/17/12 03:57 | 7440-50-8 | D3 |
| Iron | **84300** | ug/L | 40.0 | 20.0 | 1 | 09/13/12 11:18 | 09/17/12 03:45 | 7439-89-6 | |
| Lead | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 03:45 | 7439-92-1 | |
| Manganese | **96.9** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 03:45 | 7439-96-5 | |
| Nickel | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 03:45 | 7440-02-0 | |
| Selenium | **15.9** | ug/L | 15.0 | 7.5 | 1 | 09/13/12 11:18 | 09/17/12 03:45 | 7782-49-2 | |
| Silver | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 03:45 | 7440-22-4 | |
| Sodium | **66.2** | mg/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/17/12 03:45 | 7440-23-5 | |
| Vanadium | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 03:45 | 7440-62-2 | |
| Zinc | **10.0U** | ug/L | 20.0 | 10.0 | 1 | 09/13/12 11:18 | 09/17/12 03:45 | 7440-66-6 | |
| **6020 MET ICPMS** | Analytical Method: EPA 6020 Preparation Method: EPA 3010 | | | | | | | | |
| Antimony | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/15/12 02:27 | 7440-36-0 | |
| Thallium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/15/12 02:27 | 7440-28-0 | |
| **7470 Mercury** | Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | |
| Mercury | **0.10U** | ug/L | 0.20 | 0.10 | 1 | 09/13/12 03:00 | 09/13/12 12:51 | 7439-97-6 | |
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Acetone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 15:09 | 67-64-1 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 15:09 | 107-13-1 | |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/22/12 15:09 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/22/12 15:09 | 75-27-4 | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 15:09 | 78-93-3 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: CW-16** **Lab ID: 3567547002** Collected: 09/11/12 11:46 Received: 09/12/12 03:10 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 15:09 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/22/12 15:09 | 74-87-3 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/22/12 15:09 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 74-95-3 | |
| 1,2-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 95-50-1 | |
| 1,4-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 15:09 | 110-57-6 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 78-87-5 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/22/12 15:09 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/22/12 15:09 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 100-41-4 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 15:09 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 74-88-4 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/22/12 15:09 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 15:09 | 108-10-1 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/22/12 15:09 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 108-88-3 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/22/12 15:09 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/22/12 15:09 | 108-05-4 | |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 15:09 | 1330-20-7 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 92 | % | 70-114 | | 1 | | 09/22/12 15:09 | 460-00-4 | |
| Dibromofluoromethane (S) | 110 | % | 88-117 | | 1 | | 09/22/12 15:09 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 118 | % | 86-125 | | 1 | | 09/22/12 15:09 | 17060-07-0 | |
| Toluene-d8 (S) | 99 | % | 87-113 | | 1 | | 09/22/12 15:09 | 2037-26-5 | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **1210** | mg/L | 10.0 | 10.0 | 1 | | 09/18/12 12:24 | | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: CW-16** **Lab ID: 3567547002** Collected: 09/11/12 11:46 Received: 09/12/12 03:10 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **300.0 IC Anions** | Analytical Method: EPA 300.0 | | | | | | | | |
| Nitrate as N | **0.12U** | mg/L | 0.25 | 0.12 | 5 | | 09/12/12 19:58 | 14797-55-8 | |
| Nitrite as N | **0.12U** | mg/L | 0.25 | 0.12 | 5 | | 09/12/12 19:58 | 14797-65-0 | |
| Nitrogen, NO2 plus NO3 | **0.12U** | mg/L | 0.25 | 0.12 | 5 | | 09/12/12 19:58 | | |
| **300.0 IC Anions 28 Days** | Analytical Method: EPA 300.0 | | | | | | | | |
| Chloride | **74.9** | mg/L | 25.0 | 12.5 | 5 | | 09/12/12 19:58 | 16887-00-6 | |
| Sulfate | **154** | mg/L | 25.0 | 12.5 | 5 | | 09/12/12 19:58 | 14808-79-8 | |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **11.0** | mg/L | 0.050 | 0.020 | 1 | | 09/13/12 10:14 | 7664-41-7 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: CW-19** **Lab ID: 3567547003** Collected: 09/11/12 13:00 Received: 09/12/12 03:10 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Field Data** | Analytical Method: | | | | | | | | |
| Field pH | **6.48** | Std. Units | 0.10 | 0.10 | 1 | | 09/11/12 13:00 | | |
| Field Temperature | **28.98** | deg C | 0.50 | 0.50 | 1 | | 09/11/12 13:00 | | |
| Field Specific Conductance | **933** | umhos/cm | 1.0 | 1.0 | 1 | | 09/11/12 13:00 | | |
| Oxygen, Dissolved | **0.27** | mg/L | | | 1 | | 09/11/12 13:00 | 7782-44-7 | |
| Turbidity | **0.56** | NTU | 1.0 | 1.0 | 1 | | 09/11/12 13:00 | | |
| **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 | 09/17/12 14:00 | 09/18/12 13:14 | 96-12-8 | |
| 1,2-Dibromoethane (EDB) | **0.0061U** | ug/L | 0.0099 | 0.0061 | 1 | 09/17/12 14:00 | 09/18/12 13:14 | 106-93-4 | |
| **6010 MET ICP** | Analytical Method: EPA 6010 | | Preparation Method: EPA 3010 | | | | | | |
| Aluminum | **50.0U** | ug/L | 100 | 50.0 | 1 | 09/13/12 11:18 | 09/17/12 04:02 | 7429-90-5 | |
| Arsenic | **40.7** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 04:02 | 7440-38-2 | |
| Barium | **35.8** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 04:02 | 7440-39-3 | |
| Beryllium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/17/12 04:02 | 7440-41-7 | |
| Cadmium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/17/12 04:02 | 7440-43-9 | |
| Chromium | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 04:02 | 7440-47-3 | |
| Cobalt | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 04:02 | 7440-48-4 | |
| Copper | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 04:02 | 7440-50-8 | |
| Iron | **34400** | ug/L | 40.0 | 20.0 | 1 | 09/13/12 11:18 | 09/17/12 04:02 | 7439-89-6 | |
| Lead | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 04:02 | 7439-92-1 | |
| Manganese | **30.7** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 04:02 | 7439-96-5 | |
| Nickel | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 04:02 | 7440-02-0 | |
| Selenium | **7.5U** | ug/L | 15.0 | 7.5 | 1 | 09/13/12 11:18 | 09/17/12 04:02 | 7782-49-2 | |
| Silver | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 04:02 | 7440-22-4 | |
| Sodium | **9.2** | mg/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/17/12 04:02 | 7440-23-5 | |
| Vanadium | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 04:02 | 7440-62-2 | |
| Zinc | **10.0U** | ug/L | 20.0 | 10.0 | 1 | 09/13/12 11:18 | 09/17/12 04:02 | 7440-66-6 | |
| **6020 MET ICPMS** | Analytical Method: EPA 6020 | | Preparation Method: EPA 3010 | | | | | | |
| Antimony | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/15/12 02:29 | 7440-36-0 | |
| Thallium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/15/12 02:29 | 7440-28-0 | |
| **7470 Mercury** | Analytical Method: EPA 7470 | | Preparation Method: EPA 7470 | | | | | | |
| Mercury | **0.10U** | ug/L | 0.20 | 0.10 | 1 | 09/13/12 03:00 | 09/13/12 12:53 | 7439-97-6 | |
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Acetone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 13:39 | 67-64-1 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 13:39 | 107-13-1 | |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/22/12 13:39 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/22/12 13:39 | 75-27-4 | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 13:39 | 78-93-3 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: CW-19** **Lab ID: 3567547003** Collected: 09/11/12 13:00 Received: 09/12/12 03:10 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 13:39 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/22/12 13:39 | 74-87-3 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/22/12 13:39 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 74-95-3 | |
| 1,2-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 95-50-1 | |
| 1,4-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 13:39 | 110-57-6 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 78-87-5 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/22/12 13:39 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/22/12 13:39 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 100-41-4 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 13:39 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 74-88-4 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/22/12 13:39 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 13:39 | 108-10-1 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/22/12 13:39 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 108-88-3 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/22/12 13:39 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/22/12 13:39 | 108-05-4 | |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 13:39 | 1330-20-7 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 91 | % | 70-114 | | 1 | | 09/22/12 13:39 | 460-00-4 | |
| Dibromofluoromethane (S) | 108 | % | 88-117 | | 1 | | 09/22/12 13:39 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 113 | % | 86-125 | | 1 | | 09/22/12 13:39 | 17060-07-0 | |
| Toluene-d8 (S) | 100 | % | 87-113 | | 1 | | 09/22/12 13:39 | 2037-26-5 | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **446** | mg/L | 5.0 | 5.0 | 1 | | 09/18/12 12:25 | | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: CW-19** **Lab ID: 3567547003** Collected: 09/11/12 13:00 Received: 09/12/12 03:10 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **300.0 IC Anions** | Analytical Method: EPA 300.0 | | | | | | | | |
| Nitrate as N | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/12/12 20:11 | 14797-55-8 | |
| Nitrite as N | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/12/12 20:11 | 14797-65-0 | |
| Nitrogen, NO2 plus NO3 | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/12/12 20:11 | | |
| **300.0 IC Anions 28 Days** | Analytical Method: EPA 300.0 | | | | | | | | |
| Chloride | **10.4** | mg/L | 5.0 | 2.5 | 1 | | 09/12/12 20:11 | 16887-00-6 | |
| Sulfate | **4.6 I** | mg/L | 5.0 | 2.5 | 1 | | 09/12/12 20:11 | 14808-79-8 | |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **3.2** | mg/L | 0.050 | 0.020 | 1 | | 09/13/12 10:15 | 7664-41-7 | |



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

Pace Analytical®
www.pacelabs.com

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: CW-20** **Lab ID: 3567547004** Collected: 09/11/12 13:54 Received: 09/12/12 03:10 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Field Data** | Analytical Method: | | | | | | | | |
| Field pH | **6.37** | Std. Units | 0.10 | 0.10 | 1 | | 09/11/12 13:54 | | |
| Field Temperature | **28.87** | deg C | 0.50 | 0.50 | 1 | | 09/11/12 13:54 | | |
| Field Specific Conductance | **875** | umhos/cm | 1.0 | 1.0 | 1 | | 09/11/12 13:54 | | |
| Oxygen, Dissolved | **0.27** | mg/L | | | 1 | | 09/11/12 13:54 | 7782-44-7 | |
| Turbidity | **0.43** | NTU | 1.0 | 1.0 | 1 | | 09/11/12 13:54 | | |
| **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 | 09/17/12 14:00 | 09/18/12 13:30 | 96-12-8 | |
| 1,2-Dibromoethane (EDB) | **0.0062U** | ug/L | 0.010 | 0.0062 | 1 | 09/17/12 14:00 | 09/18/12 13:30 | 106-93-4 | |
| **6010 MET ICP** | Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | |
| Aluminum | **50.0U** | ug/L | 100 | 50.0 | 1 | 09/13/12 11:18 | 09/17/12 04:06 | 7429-90-5 | |
| Arsenic | **11.2** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 04:06 | 7440-38-2 | |
| Barium | **51.6** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 04:06 | 7440-39-3 | |
| Beryllium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/17/12 04:06 | 7440-41-7 | |
| Cadmium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/17/12 04:06 | 7440-43-9 | |
| Chromium | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 04:06 | 7440-47-3 | |
| Cobalt | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 04:06 | 7440-48-4 | |
| Copper | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 04:06 | 7440-50-8 | |
| Iron | **8600** | ug/L | 40.0 | 20.0 | 1 | 09/13/12 11:18 | 09/17/12 04:06 | 7439-89-6 | |
| Lead | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 04:06 | 7439-92-1 | |
| Manganese | **26.2** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 04:06 | 7439-96-5 | |
| Nickel | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 04:06 | 7440-02-0 | |
| Selenium | **7.5U** | ug/L | 15.0 | 7.5 | 1 | 09/13/12 11:18 | 09/17/12 04:06 | 7782-49-2 | |
| Silver | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 04:06 | 7440-22-4 | |
| Sodium | **18.0** | mg/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/17/12 04:06 | 7440-23-5 | |
| Vanadium | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 04:06 | 7440-62-2 | |
| Zinc | **10.0U** | ug/L | 20.0 | 10.0 | 1 | 09/13/12 11:18 | 09/17/12 04:06 | 7440-66-6 | |
| **6020 MET ICPMS** | Analytical Method: EPA 6020 Preparation Method: EPA 3010 | | | | | | | | |
| Antimony | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/15/12 02:32 | 7440-36-0 | |
| Thallium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/15/12 02:32 | 7440-28-0 | |
| **7470 Mercury** | Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | |
| Mercury | **0.10U** | ug/L | 0.20 | 0.10 | 1 | 09/13/12 03:00 | 09/13/12 12:55 | 7439-97-6 | |
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Acetone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 14:01 | 67-64-1 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 14:01 | 107-13-1 | |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/22/12 14:01 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/22/12 14:01 | 75-27-4 | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 14:01 | 78-93-3 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: CW-20** **Lab ID: 3567547004** Collected: 09/11/12 13:54 Received: 09/12/12 03:10 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 14:01 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/22/12 14:01 | 74-87-3 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/22/12 14:01 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 74-95-3 | |
| 1,2-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 95-50-1 | |
| 1,4-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 14:01 | 110-57-6 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 78-87-5 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/22/12 14:01 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/22/12 14:01 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 100-41-4 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 14:01 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 74-88-4 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/22/12 14:01 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 14:01 | 108-10-1 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/22/12 14:01 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 108-88-3 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/22/12 14:01 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/22/12 14:01 | 108-05-4 | |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:01 | 1330-20-7 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 92 | % | 70-114 | | 1 | | 09/22/12 14:01 | 460-00-4 | |
| Dibromofluoromethane (S) | 110 | % | 88-117 | | 1 | | 09/22/12 14:01 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 116 | % | 86-125 | | 1 | | 09/22/12 14:01 | 17060-07-0 | |
| Toluene-d8 (S) | 100 | % | 87-113 | | 1 | | 09/22/12 14:01 | 2037-26-5 | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **472** | mg/L | 5.0 | 5.0 | 1 | | 09/18/12 12:25 | | |



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

Pace Analytical®
www.pacelabs.com

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: CW-20** **Lab ID: 3567547004** Collected: 09/11/12 13:54 Received: 09/12/12 03:10 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **300.0 IC Anions** | Analytical Method: EPA 300.0 | | | | | | | | |
| Nitrate as N | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/12/12 20:47 | 14797-55-8 | |
| Nitrite as N | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/12/12 20:47 | 14797-65-0 | |
| Nitrogen, NO2 plus NO3 | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/12/12 20:47 | | |
| **300.0 IC Anions 28 Days** | Analytical Method: EPA 300.0 | | | | | | | | |
| Chloride | **18.7** | mg/L | 5.0 | 2.5 | 1 | | 09/12/12 20:47 | 16887-00-6 | |
| Sulfate | **20.1** | mg/L | 5.0 | 2.5 | 1 | | 09/12/12 20:47 | 14808-79-8 | |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **1.6** | mg/L | 0.050 | 0.020 | 1 | | 09/13/12 10:16 | 7664-41-7 | |



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

Pace Analytical®
www.pacelabs.com

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-9** **Lab ID: 3567547005** Collected: 09/11/12 08:38 Received: 09/12/12 03:10 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Field Data** | Analytical Method: | | | | | | | | |
| Field pH | **6.36** | Std. Units | 0.10 | 0.10 | 1 | | 09/11/12 08:38 | | |
| Field Temperature | **28.00** | deg C | 0.50 | 0.50 | 1 | | 09/11/12 08:38 | | |
| Field Specific Conductance | **2300** | umhos/cm | 1.0 | 1.0 | 1 | | 09/11/12 08:38 | | |
| Oxygen, Dissolved | **0.74** | mg/L | | | 1 | | 09/11/12 08:38 | 7782-44-7 | |
| Turbidity | **1.79** | NTU | 1.0 | 1.0 | 1 | | 09/11/12 08:38 | | |
| **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 | 09/17/12 14:00 | 09/18/12 13:46 | 96-12-8 | |
| 1,2-Dibromoethane (EDB) | **0.0063U** | ug/L | 0.010 | 0.0063 | 1 | 09/17/12 14:00 | 09/18/12 13:46 | 106-93-4 | |
| **6010 MET ICP** | Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | |
| Aluminum | **50.0U** | ug/L | 100 | 50.0 | 1 | 09/13/12 11:18 | 09/17/12 04:10 | 7429-90-5 | |
| Arsenic | **18.4** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 04:10 | 7440-38-2 | |
| Barium | **131** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 04:10 | 7440-39-3 | |
| Beryllium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/17/12 04:10 | 7440-41-7 | |
| Cadmium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/17/12 04:10 | 7440-43-9 | |
| Calcium | **396** | mg/L | 0.50 | 0.25 | 1 | 09/13/12 11:18 | 09/17/12 04:10 | 7440-70-2 | |
| Chromium | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 04:10 | 7440-47-3 | |
| Cobalt | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 04:10 | 7440-48-4 | |
| Copper | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 04:10 | 7440-50-8 | |
| Iron | **30300** | ug/L | 40.0 | 20.0 | 1 | 09/13/12 11:18 | 09/17/12 04:10 | 7439-89-6 | |
| Lead | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 04:10 | 7439-92-1 | |
| Magnesium | **43.0** | mg/L | 0.50 | 0.25 | 1 | 09/13/12 11:18 | 09/17/12 04:10 | 7439-95-4 | |
| Manganese | **71.2** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 04:10 | 7439-96-5 | |
| Nickel | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 04:10 | 7440-02-0 | |
| Potassium | **5.6** | mg/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/17/12 04:10 | 7440-09-7 | |
| Selenium | **7.5U** | ug/L | 15.0 | 7.5 | 1 | 09/13/12 11:18 | 09/17/12 04:10 | 7782-49-2 | |
| Silver | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 04:10 | 7440-22-4 | |
| Sodium | **27.1** | mg/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/17/12 04:10 | 7440-23-5 | |
| Vanadium | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 04:10 | 7440-62-2 | |
| Zinc | **10.0U** | ug/L | 20.0 | 10.0 | 1 | 09/13/12 11:18 | 09/17/12 04:10 | 7440-66-6 | |
| **6020 MET ICPMS** | Analytical Method: EPA 6020 Preparation Method: EPA 3010 | | | | | | | | |
| Antimony | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/15/12 02:39 | 7440-36-0 | |
| Thallium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/15/12 02:39 | 7440-28-0 | |
| **7470 Mercury** | Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | |
| Mercury | **0.10U** | ug/L | 0.20 | 0.10 | 1 | 09/13/12 03:00 | 09/13/12 12:57 | 7439-97-6 | |
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Acetone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 14:23 | 67-64-1 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 14:23 | 107-13-1 | |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/22/12 14:23 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/22/12 14:23 | 75-27-4 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-9** **Lab ID: 3567547005** Collected: 09/11/12 08:38 Received: 09/12/12 03:10 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 14:23 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 14:23 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/22/12 14:23 | 74-87-3 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/22/12 14:23 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 74-95-3 | |
| 1,2-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 95-50-1 | |
| 1,4-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 14:23 | 110-57-6 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 78-87-5 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/22/12 14:23 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/22/12 14:23 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 100-41-4 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 14:23 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 74-88-4 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/22/12 14:23 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 14:23 | 108-10-1 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/22/12 14:23 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 108-88-3 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/22/12 14:23 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/22/12 14:23 | 108-05-4 | |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 14:23 | 1330-20-7 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 98 | % | 70-114 | | 1 | | 09/22/12 14:23 | 460-00-4 | |
| Dibromofluoromethane (S) | 110 | % | 88-117 | | 1 | | 09/22/12 14:23 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 117 | % | 86-125 | | 1 | | 09/22/12 14:23 | 17060-07-0 | |
| Toluene-d8 (S) | 101 | % | 87-113 | | 1 | | 09/22/12 14:23 | 2037-26-5 | |



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

Pace Analytical®
www.pacelabs.com

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-9** **Lab ID: 3567547005** Collected: 09/11/12 08:38 Received: 09/12/12 03:10 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **2320B Alkalinity** | Analytical Method: SM 2320B | | | | | | | | |
| Alkalinity,Bicarbonate (CaCO3) | **1100** | mg/L | 5.0 | 5.0 | 1 | | 09/12/12 23:30 | | |
| Alkalinity, Carbonate (CaCO3) | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/12/12 23:30 | | |
| Alkalinity, Total as CaCO3 | **1100** | mg/L | 5.0 | 5.0 | 1 | | 09/12/12 23:30 | | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **1460** | mg/L | 10.0 | 10.0 | 1 | | 09/18/12 12:25 | | |
| **300.0 IC Anions** | Analytical Method: EPA 300.0 | | | | | | | | |
| Nitrate as N | **0.25U** | mg/L | 0.50 | 0.25 | 10 | | 09/12/12 17:33 | 14797-55-8 | |
| Nitrite as N | **0.25U** | mg/L | 0.50 | 0.25 | 10 | | 09/12/12 17:33 | 14797-65-0 | |
| Nitrogen, NO2 plus NO3 | **0.25U** | mg/L | 0.50 | 0.25 | 10 | | 09/12/12 17:33 | | |
| **300.0 IC Anions 28 Days** | Analytical Method: EPA 300.0 | | | | | | | | |
| Chloride | **35.5** | mg/L | 5.0 | 2.5 | 1 | | 09/14/12 22:39 | 16887-00-6 | |
| Sulfate | **159** | mg/L | 50.0 | 25.0 | 10 | | 09/12/12 17:33 | 14808-79-8 | |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **8.9** | mg/L | 0.050 | 0.020 | 1 | | 09/13/12 10:17 | 7664-41-7 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Equip Blank #1** **Lab ID: 3567547006** Collected: 09/11/12 09:32 Received: 09/12/12 03:10 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8011 GCS EDB and DBCP** | Analytical Method: EPA 8011 Preparation Method: EPA 8011 | | | | | | | | |
| 1,2-Dibromo-3-chloropropane | **0.0049U** | ug/L | 0.020 | 0.0049 | 1 | 09/17/12 14:00 | 09/18/12 14:01 | 96-12-8 | |
| 1,2-Dibromoethane (EDB) | **0.0062U** | ug/L | 0.010 | 0.0062 | 1 | 09/17/12 14:00 | 09/18/12 14:01 | 106-93-4 | |
| **6010 MET ICP** | Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | |
| Aluminum | **50.0U** | ug/L | 100 | 50.0 | 1 | 09/13/12 11:18 | 09/17/12 04:14 | 7429-90-5 | |
| Arsenic | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 04:14 | 7440-38-2 | |
| Barium | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 04:14 | 7440-39-3 | |
| Beryllium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/17/12 04:14 | 7440-41-7 | |
| Cadmium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/17/12 04:14 | 7440-43-9 | |
| Calcium | **0.25U** | mg/L | 0.50 | 0.25 | 1 | 09/13/12 11:18 | 09/17/12 04:14 | 7440-70-2 | |
| Chromium | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 04:14 | 7440-47-3 | |
| Cobalt | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 04:14 | 7440-48-4 | |
| Copper | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 04:14 | 7440-50-8 | |
| Iron | **20.0U** | ug/L | 40.0 | 20.0 | 1 | 09/13/12 11:18 | 09/17/12 04:14 | 7439-89-6 | |
| Lead | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 04:14 | 7439-92-1 | |
| Magnesium | **0.25U** | mg/L | 0.50 | 0.25 | 1 | 09/13/12 11:18 | 09/17/12 04:14 | 7439-95-4 | |
| Manganese | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 04:14 | 7439-96-5 | |
| Nickel | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 04:14 | 7440-02-0 | |
| Potassium | **0.50U** | mg/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/17/12 04:14 | 7440-09-7 | |
| Selenium | **7.5U** | ug/L | 15.0 | 7.5 | 1 | 09/13/12 11:18 | 09/17/12 04:14 | 7782-49-2 | |
| Silver | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/13/12 11:18 | 09/17/12 04:14 | 7440-22-4 | |
| Sodium | **0.50U** | mg/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/17/12 04:14 | 7440-23-5 | |
| Vanadium | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/13/12 11:18 | 09/17/12 04:14 | 7440-62-2 | |
| Zinc | **10.0U** | ug/L | 20.0 | 10.0 | 1 | 09/13/12 11:18 | 09/17/12 04:14 | 7440-66-6 | |
| **6020 MET ICPMS** | Analytical Method: EPA 6020 Preparation Method: EPA 3010 | | | | | | | | |
| Antimony | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/15/12 02:42 | 7440-36-0 | |
| Thallium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/13/12 11:18 | 09/15/12 02:42 | 7440-28-0 | |
| **7470 Mercury** | Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | |
| Mercury | **0.10U** | ug/L | 0.20 | 0.10 | 1 | 09/13/12 03:00 | 09/13/12 13:00 | 7439-97-6 | |
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Acetone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 09:54 | 67-64-1 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 09:54 | 107-13-1 | |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/22/12 09:54 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/22/12 09:54 | 75-27-4 | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 09:54 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 09:54 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 75-00-3 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Equip Blank #1** **Lab ID: 3567547006** Collected: 09/11/12 09:32 Received: 09/12/12 03:10 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 | | 09/22/12 09:54 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/22/12 09:54 | 74-87-3 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/22/12 09:54 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 74-95-3 | |
| 1,2-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 95-50-1 | |
| 1,4-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 09:54 | 110-57-6 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 78-87-5 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/22/12 09:54 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/22/12 09:54 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 100-41-4 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 09:54 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 74-88-4 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/22/12 09:54 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 09:54 | 108-10-1 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/22/12 09:54 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 108-88-3 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/22/12 09:54 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/22/12 09:54 | 108-05-4 | |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:54 | 1330-20-7 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 95 | % | 70-114 | | 1 | | 09/22/12 09:54 | 460-00-4 | |
| Dibromofluoromethane (S) | 108 | % | 88-117 | | 1 | | 09/22/12 09:54 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 116 | % | 86-125 | | 1 | | 09/22/12 09:54 | 17060-07-0 | |
| Toluene-d8 (S) | 98 | % | 87-113 | | 1 | | 09/22/12 09:54 | 2037-26-5 | |
| **2320B Alkalinity** | Analytical Method: SM 2320B | | | | | | | | |
| Alkalinity,Bicarbonate (CaCO3) | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/17/12 22:14 | | |
| Alkalinity, Carbonate (CaCO3) | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/17/12 22:14 | | |
| Alkalinity, Total as CaCO3 | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/17/12 22:14 | | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/18/12 12:25 | | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Equip Blank #1** **Lab ID: 3567547006** Collected: 09/11/12 09:32 Received: 09/12/12 03:10 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **300.0 IC Anions** | Analytical Method: EPA 300.0 | | | | | | | | |
| Nitrate as N | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/12/12 17:45 | 14797-55-8 | |
| Nitrite as N | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/12/12 17:45 | 14797-65-0 | |
| Nitrogen, NO2 plus NO3 | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/12/12 17:45 | | |
| **300.0 IC Anions 28 Days** | Analytical Method: EPA 300.0 | | | | | | | | |
| Chloride | **2.5U** | mg/L | 5.0 | 2.5 | 1 | | 09/12/12 17:45 | 16887-00-6 | |
| Sulfate | **2.5U** | mg/L | 5.0 | 2.5 | 1 | | 09/12/12 17:45 | 14808-79-8 | |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **0.020U** | mg/L | 0.050 | 0.020 | 1 | | 09/13/12 10:18 | 7664-41-7 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Trip Blank #1** **Lab ID: 3567547007** Collected: 09/11/12 08:00 Received: 09/12/12 03:10 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 | | 09/22/12 09:09 | 67-64-1 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 09:09 | 107-13-1 | |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/22/12 09:09 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/22/12 09:09 | 75-27-4 | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 09:09 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 09:09 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/22/12 09:09 | 74-87-3 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/22/12 09:09 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 74-95-3 | |
| 1,2-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 95-50-1 | |
| 1,4-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 09:09 | 110-57-6 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 78-87-5 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/22/12 09:09 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/22/12 09:09 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 100-41-4 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 09:09 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 74-88-4 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/22/12 09:09 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/22/12 09:09 | 108-10-1 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/22/12 09:09 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 108-88-3 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/22/12 09:09 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/22/12 09:09 | 108-05-4 | |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 75-01-4 | |
| Xylene (Total) | **0.67 I** | ug/L | 1.0 | 0.50 | 1 | | 09/22/12 09:09 | 1330-20-7 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Trip Blank #1** **Lab ID: 3567547007** Collected: 09/11/12 08:00 Received: 09/12/12 03:10 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 95 | % | 70-114 | | 1 | | 09/22/12 09:09 | 460-00-4 | |
| Dibromofluoromethane (S) | 104 | % | 88-117 | | 1 | | 09/22/12 09:09 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 112 | % | 86-125 | | 1 | | 09/22/12 09:09 | 17060-07-0 | |
| Toluene-d8 (S) | 98 | % | 87-113 | | 1 | | 09/22/12 09:09 | 2037-26-5 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-10R** **Lab ID: 3567547008** Collected: 09/12/12 10:45 Received: 09/14/12 03:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Field Data** | Analytical Method: | | | | | | | | |
| Field pH | **6.23** | Std. Units | 0.10 | 0.10 | 1 | | 09/12/12 10:45 | | |
| Field Temperature | **27.65** | deg C | 0.50 | 0.50 | 1 | | 09/12/12 10:45 | | |
| Field Specific Conductance | **1559** | umhos/cm | 1.0 | 1.0 | 1 | | 09/12/12 10:45 | | |
| Oxygen, Dissolved | **0.33** | mg/L | | | 1 | | 09/12/12 10:45 | 7782-44-7 | |
| Turbidity | **4.96** | NTU | 1.0 | 1.0 | 1 | | 09/12/12 10:45 | | |
| **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 | 09/17/12 14:00 | 09/18/12 10:55 | 96-12-8 | |
| 1,2-Dibromoethane (EDB) | **0.0064U** | ug/L | 0.010 | 0.0064 | 1 | 09/17/12 14:00 | 09/18/12 10:55 | 106-93-4 | |
| **6010 MET ICP** | Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | |
| Aluminum | **78.0 I** | ug/L | 100 | 50.0 | 1 | 09/14/12 11:20 | 09/18/12 21:06 | 7429-90-5 | |
| Arsenic | **9.5 I** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:06 | 7440-38-2 | |
| Barium | **68.1** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:06 | 7440-39-3 | |
| Beryllium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/18/12 21:06 | 7440-41-7 | |
| Cadmium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/18/12 21:06 | 7440-43-9 | |
| Calcium | **159** | mg/L | 0.50 | 0.25 | 1 | 09/14/12 11:20 | 09/18/12 21:06 | 7440-70-2 | |
| Chromium | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:06 | 7440-47-3 | |
| Cobalt | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:06 | 7440-48-4 | |
| Copper | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:06 | 7440-50-8 | |
| Iron | **53200** | ug/L | 40.0 | 20.0 | 1 | 09/14/12 11:20 | 09/18/12 21:06 | 7439-89-6 | |
| Lead | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:06 | 7439-92-1 | |
| Magnesium | **43.4** | mg/L | 0.50 | 0.25 | 1 | 09/14/12 11:20 | 09/18/12 21:06 | 7439-95-4 | |
| Manganese | **32.0** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:06 | 7439-96-5 | |
| Nickel | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:06 | 7440-02-0 | |
| Potassium | **1.4** | mg/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/18/12 21:06 | 7440-09-7 | |
| Selenium | **7.5U** | ug/L | 15.0 | 7.5 | 1 | 09/14/12 11:20 | 09/18/12 21:06 | 7782-49-2 | |
| Silver | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:06 | 7440-22-4 | |
| Sodium | **79.3** | mg/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/18/12 21:06 | 7440-23-5 | |
| Vanadium | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:06 | 7440-62-2 | |
| Zinc | **10.0U** | ug/L | 20.0 | 10.0 | 1 | 09/14/12 11:20 | 09/18/12 21:06 | 7440-66-6 | |
| **6020 MET ICPMS** | Analytical Method: EPA 6020 Preparation Method: EPA 3010 | | | | | | | | |
| Antimony | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/20/12 01:37 | 7440-36-0 | |
| Thallium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/20/12 01:37 | 7440-28-0 | |
| **7470 Mercury** | Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | |
| Mercury | **0.10U** | ug/L | 0.20 | 0.10 | 1 | 09/16/12 16:00 | 09/17/12 08:38 | 7439-97-6 | J(M1) |
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Acetone | **6.8 I** | ug/L | 10.0 | 5.0 | 1 | | 09/24/12 23:37 | 67-64-1 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/24/12 23:37 | 107-13-1 | |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/24/12 23:37 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/24/12 23:37 | 75-27-4 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-10R** **Lab ID: 3567547008** Collected: 09/12/12 10:45 Received: 09/14/12 03:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/24/12 23:37 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/24/12 23:37 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/24/12 23:37 | 74-87-3 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/24/12 23:37 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 74-95-3 | |
| 1,2-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 95-50-1 | |
| 1,4-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/24/12 23:37 | 110-57-6 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 78-87-5 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/24/12 23:37 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/24/12 23:37 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 100-41-4 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/24/12 23:37 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 74-88-4 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/24/12 23:37 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/24/12 23:37 | 108-10-1 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/24/12 23:37 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 108-88-3 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/24/12 23:37 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/24/12 23:37 | 108-05-4 | |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:37 | 1330-20-7 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 92 | % | 70-114 | | 1 | | 09/24/12 23:37 | 460-00-4 | |
| Dibromofluoromethane (S) | 106 | % | 88-117 | | 1 | | 09/24/12 23:37 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 110 | % | 86-125 | | 1 | | 09/24/12 23:37 | 17060-07-0 | |
| Toluene-d8 (S) | 100 | % | 87-113 | | 1 | | 09/24/12 23:37 | 2037-26-5 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-10R** **Lab ID: 3567547008** Collected: 09/12/12 10:45 Received: 09/14/12 03:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **2320B Alkalinity** | Analytical Method: SM 2320B | | | | | | | | |
| Alkalinity,Bicarbonate (CaCO3) | **645** | mg/L | 5.0 | 5.0 | 1 | | 09/17/12 22:32 | | |
| Alkalinity, Carbonate (CaCO3) | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/17/12 22:32 | | |
| Alkalinity, Total as CaCO3 | **645** | mg/L | 5.0 | 5.0 | 1 | | 09/17/12 22:32 | | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **810** | mg/L | 10.0 | 10.0 | 1 | | 09/18/12 15:07 | | |
| **300.0 IC Anions** | Analytical Method: EPA 300.0 | | | | | | | | |
| Nitrate as N | **0.12U** | mg/L | 0.25 | 0.12 | 5 | | 09/14/12 09:55 | 14797-55-8 | |
| Nitrite as N | **0.12U** | mg/L | 0.25 | 0.12 | 5 | | 09/14/12 09:55 | 14797-65-0 | |
| Nitrogen, NO2 plus NO3 | **0.12U** | mg/L | 0.25 | 0.12 | 5 | | 09/14/12 09:55 | | |
| **300.0 IC Anions 28 Days** | Analytical Method: EPA 300.0 | | | | | | | | |
| Chloride | **87.7** | mg/L | 5.0 | 2.5 | 1 | | 09/17/12 00:33 | 16887-00-6 | |
| Sulfate | **2.5U** | mg/L | 5.0 | 2.5 | 1 | | 09/17/12 00:33 | 14808-79-8 | |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **6.6** | mg/L | 0.050 | 0.020 | 1 | | 09/26/12 10:55 | 7664-41-7 | |



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

Pace Analytical®
www.pacelabs.com

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-8A** **Lab ID: 3567547009** Collected: 09/12/12 13:21 Received: 09/14/12 03:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Field Data** | Analytical Method: | | | | | | | | |
| Field pH | **6.13** | Std. Units | 0.10 | 0.10 | 1 | | 09/12/12 13:21 | | |
| Field Temperature | **28.78** | deg C | 0.50 | 0.50 | 1 | | 09/12/12 13:21 | | |
| Field Specific Conductance | **1920** | umhos/cm | 1.0 | 1.0 | 1 | | 09/12/12 13:21 | | |
| Oxygen, Dissolved | **0.56** | mg/L | | | 1 | | 09/12/12 13:21 | 7782-44-7 | |
| Turbidity | **6.61** | NTU | 1.0 | 1.0 | 1 | | 09/12/12 13:21 | | |
| **8011 GCS EDB and DBCP** | Analytical Method: EPA 8011 Preparation Method: EPA 8011 | | | | | | | | |
| 1,2-Dibromo-3-chloropropane | **0.0050U** | ug/L | 0.020 | 0.0050 | 1 | 09/17/12 14:00 | 09/18/12 11:10 | 96-12-8 | |
| 1,2-Dibromoethane (EDB) | **0.0063U** | ug/L | 0.010 | 0.0063 | 1 | 09/17/12 14:00 | 09/18/12 11:10 | 106-93-4 | |
| **6010 MET ICP** | Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | |
| Aluminum | **91.4 I** | ug/L | 100 | 50.0 | 1 | 09/14/12 11:20 | 09/18/12 21:10 | 7429-90-5 | |
| Arsenic | **25.9** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:10 | 7440-38-2 | |
| Barium | **58.7** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:10 | 7440-39-3 | |
| Beryllium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/18/12 21:10 | 7440-41-7 | |
| Cadmium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/18/12 21:10 | 7440-43-9 | |
| Calcium | **226** | mg/L | 0.50 | 0.25 | 1 | 09/14/12 11:20 | 09/18/12 21:10 | 7440-70-2 | |
| Chromium | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:10 | 7440-47-3 | |
| Cobalt | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:10 | 7440-48-4 | |
| Copper | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:10 | 7440-50-8 | |
| Iron | **27200** | ug/L | 40.0 | 20.0 | 1 | 09/14/12 11:20 | 09/18/12 21:10 | 7439-89-6 | |
| Lead | **6.2 I** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:10 | 7439-92-1 | |
| Magnesium | **66.1** | mg/L | 0.50 | 0.25 | 1 | 09/14/12 11:20 | 09/18/12 21:10 | 7439-95-4 | |
| Manganese | **69.5** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:10 | 7439-96-5 | |
| Nickel | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:10 | 7440-02-0 | |
| Potassium | **5.0** | mg/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/18/12 21:10 | 7440-09-7 | |
| Selenium | **7.5U** | ug/L | 15.0 | 7.5 | 1 | 09/14/12 11:20 | 09/18/12 21:10 | 7782-49-2 | |
| Silver | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:10 | 7440-22-4 | |
| Sodium | **68.5** | mg/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/18/12 21:10 | 7440-23-5 | |
| Vanadium | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:10 | 7440-62-2 | |
| Zinc | **10.0U** | ug/L | 20.0 | 10.0 | 1 | 09/14/12 11:20 | 09/18/12 21:10 | 7440-66-6 | |
| **6020 MET ICPMS** | Analytical Method: EPA 6020 Preparation Method: EPA 3010 | | | | | | | | |
| Antimony | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/20/12 01:40 | 7440-36-0 | |
| Thallium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/20/12 01:40 | 7440-28-0 | |
| **7470 Mercury** | Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | |
| Mercury | **0.10U** | ug/L | 0.20 | 0.10 | 1 | 09/16/12 16:00 | 09/17/12 08:44 | 7439-97-6 | |
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Acetone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/24/12 23:59 | 67-64-1 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/24/12 23:59 | 107-13-1 | |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/24/12 23:59 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/24/12 23:59 | 75-27-4 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-8A** **Lab ID: 3567547009** Collected: 09/12/12 13:21 Received: 09/14/12 03:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/24/12 23:59 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/24/12 23:59 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/24/12 23:59 | 74-87-3 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/24/12 23:59 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 74-95-3 | |
| 1,2-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 95-50-1 | |
| 1,4-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/24/12 23:59 | 110-57-6 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 78-87-5 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/24/12 23:59 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/24/12 23:59 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 100-41-4 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/24/12 23:59 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 74-88-4 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/24/12 23:59 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/24/12 23:59 | 108-10-1 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/24/12 23:59 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 108-88-3 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/24/12 23:59 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/24/12 23:59 | 108-05-4 | |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 23:59 | 1330-20-7 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 94 | % | 70-114 | | 1 | | 09/24/12 23:59 | 460-00-4 | |
| Dibromofluoromethane (S) | 104 | % | 88-117 | | 1 | | 09/24/12 23:59 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 107 | % | 86-125 | | 1 | | 09/24/12 23:59 | 17060-07-0 | |
| Toluene-d8 (S) | 100 | % | 87-113 | | 1 | | 09/24/12 23:59 | 2037-26-5 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-8A** **Lab ID: 3567547009** Collected: 09/12/12 13:21 Received: 09/14/12 03:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **2320B Alkalinity** | Analytical Method: SM 2320B | | | | | | | | |
| Alkalinity,Bicarbonate (CaCO3) | **966** | mg/L | 5.0 | 5.0 | 1 | | 09/17/12 22:51 | | |
| Alkalinity, Carbonate (CaCO3) | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/17/12 22:51 | | |
| Alkalinity, Total as CaCO3 | **966** | mg/L | 5.0 | 5.0 | 1 | | 09/17/12 22:51 | | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **1010** | mg/L | 10.0 | 10.0 | 1 | | 09/18/12 15:07 | | |
| **300.0 IC Anions** | Analytical Method: EPA 300.0 | | | | | | | | |
| Nitrate as N | **0.12U** | mg/L | 0.25 | 0.12 | 5 | | 09/14/12 10:31 | 14797-55-8 | |
| Nitrite as N | **0.12U** | mg/L | 0.25 | 0.12 | 5 | | 09/14/12 10:31 | 14797-65-0 | |
| Nitrogen, NO2 plus NO3 | **0.12U** | mg/L | 0.25 | 0.12 | 5 | | 09/14/12 10:31 | | |
| **300.0 IC Anions 28 Days** | Analytical Method: EPA 300.0 | | | | | | | | |
| Chloride | **55.6** | mg/L | 5.0 | 2.5 | 1 | | 09/17/12 00:45 | 16887-00-6 | |
| Sulfate | **2.5U** | mg/L | 5.0 | 2.5 | 1 | | 09/17/12 00:45 | 14808-79-8 | |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **28.6** | mg/L | 0.25 | 0.10 | 5 | | 09/26/12 12:01 | 7664-41-7 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Trip Blank #2** **Lab ID: 3567547010** Collected: 09/12/12 13:21 Received: 09/14/12 03:00 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 | | 09/24/12 16:29 | 67-64-1 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/24/12 16:29 | 107-13-1 | |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/24/12 16:29 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/24/12 16:29 | 75-27-4 | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/24/12 16:29 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/24/12 16:29 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/24/12 16:29 | 74-87-3 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/24/12 16:29 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 74-95-3 | |
| 1,2-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 95-50-1 | |
| 1,4-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/24/12 16:29 | 110-57-6 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 78-87-5 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/24/12 16:29 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/24/12 16:29 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 100-41-4 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/24/12 16:29 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 74-88-4 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/24/12 16:29 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/24/12 16:29 | 108-10-1 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/24/12 16:29 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 108-88-3 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/24/12 16:29 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/24/12 16:29 | 108-05-4 | |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 75-01-4 | |
| Xylene (Total) | **0.70 I** | ug/L | 1.0 | 0.50 | 1 | | 09/24/12 16:29 | 1330-20-7 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Trip Blank #2** **Lab ID: 3567547010** Collected: 09/12/12 13:21 Received: 09/14/12 03:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 94 | % | 70-114 | | 1 | | 09/24/12 16:29 | 460-00-4 | |
| Dibromofluoromethane (S) | 99 | % | 88-117 | | 1 | | 09/24/12 16:29 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 103 | % | 86-125 | | 1 | | 09/24/12 16:29 | 17060-07-0 | |
| Toluene-d8 (S) | 98 | % | 87-113 | | 1 | | 09/24/12 16:29 | 2037-26-5 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: CW-10R** **Lab ID: 3567547011** Collected: 09/12/12 09:56 Received: 09/14/12 03:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| | Analytical Method: | | | | | | | | |
| Field pH | **6.08** | Std. Units | 0.10 | 0.10 | 1 | | 09/12/12 09:56 | | |
| Field Temperature | **26.98** | deg C | 0.50 | 0.50 | 1 | | 09/12/12 09:56 | | |
| Field Specific Conductance | **1418** | umhos/cm | 1.0 | 1.0 | 1 | | 09/12/12 09:56 | | |
| Oxygen, Dissolved | **0.40** | mg/L | | | 1 | | 09/12/12 09:56 | 7782-44-7 | |
| Turbidity | **1.82** | NTU | 1.0 | 1.0 | 1 | | 09/12/12 09:56 | | |
| **6010 MET ICP** | Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | |
| Arsenic | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 15:32 | 09/15/12 18:47 | 7440-38-2 | |
| Iron | **18300** | ug/L | 40.0 | 20.0 | 1 | 09/14/12 15:32 | 09/15/12 18:47 | 7439-89-6 | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **808** | mg/L | 10.0 | 10.0 | 1 | | 09/18/12 15:07 | | |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **3.2** | mg/L | 0.050 | 0.020 | 1 | | 09/26/12 10:57 | 7664-41-7 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: CW-9** **Lab ID: 3567547012** Collected: 09/12/12 11:51 Received: 09/14/12 03:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| | Analytical Method: | | | | | | | | |
| Field pH | **6.31** | Std. Units | 0.10 | 0.10 | 1 | | 09/12/12 11:51 | | |
| Field Temperature | **27.92** | deg C | 0.50 | 0.50 | 1 | | 09/12/12 11:51 | | |
| Field Specific Conductance | **1182** | umhos/cm | 1.0 | 1.0 | 1 | | 09/12/12 11:51 | | |
| Oxygen, Dissolved | **0.23** | mg/L | | | 1 | | 09/12/12 11:51 | 7782-44-7 | |
| Turbidity | **2.17** | NTU | 1.0 | 1.0 | 1 | | 09/12/12 11:51 | | |
| **6010 MET ICP** | Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | |
| Arsenic | **68.3** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 15:32 | 09/15/12 18:51 | 7440-38-2 | |
| Iron | **27300** | ug/L | 40.0 | 20.0 | 1 | 09/14/12 15:32 | 09/15/12 18:51 | 7439-89-6 | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **660** | mg/L | 10.0 | 10.0 | 1 | | 09/18/12 15:07 | | |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **7.3** | mg/L | 0.050 | 0.020 | 1 | | 09/26/12 10:58 | 7664-41-7 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: CW-8A** **Lab ID: 3567547013** Collected: 09/12/12 12:37 Received: 09/14/12 03:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| | Analytical Method: | | | | | | | | |
| Field pH | **6.00** | Std. Units | 0.10 | 0.10 | 1 | | 09/12/12 12:37 | | |
| Field Temperature | **27.38** | deg C | 0.50 | 0.50 | 1 | | 09/12/12 12:37 | | |
| Field Specific Conductance | **1630** | umhos/cm | 1.0 | 1.0 | 1 | | 09/12/12 12:37 | | |
| Oxygen, Dissolved | **0.36** | mg/L | | | 1 | | 09/12/12 12:37 | 7782-44-7 | |
| Turbidity | **1.69** | NTU | 1.0 | 1.0 | 1 | | 09/12/12 12:37 | | |
| **6010 MET ICP** | Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | |
| Arsenic | **31.9** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 15:32 | 09/15/12 19:03 | 7440-38-2 | |
| Iron | **35300** | ug/L | 40.0 | 20.0 | 1 | 09/14/12 15:32 | 09/15/12 19:03 | 7439-89-6 | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **910** | mg/L | 10.0 | 10.0 | 1 | | 09/18/12 15:07 | | |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **5.1** | mg/L | 0.050 | 0.020 | 1 | | 09/26/12 10:59 | 7664-41-7 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Equip. Blank #2** **Lab ID: 3567547014** Collected: 09/12/12 09:25 Received: 09/14/12 03:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **6010 MET ICP** | Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | |
| Arsenic | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 15:32 | 09/15/12 19:07 | 7440-38-2 | |
| Iron | **30.9 I** | ug/L | 40.0 | 20.0 | 1 | 09/14/12 15:32 | 09/15/12 19:07 | 7439-89-6 | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/18/12 15:08 | | |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **0.020U** | mg/L | 0.050 | 0.020 | 1 | | 09/26/12 11:00 | 7664-41-7 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-15** **Lab ID: 3567547015** Collected: 09/13/12 09:59 Received: 09/14/12 03:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Field Data** | Analytical Method: | | | | | | | | |
| Field pH | **6.38** | Std. Units | 0.10 | 0.10 | 1 | | 09/13/12 09:59 | | |
| Field Temperature | **26.53** | deg C | 0.50 | 0.50 | 1 | | 09/13/12 09:59 | | |
| Field Specific Conductance | **3673** | umhos/cm | 1.0 | 1.0 | 1 | | 09/13/12 09:59 | | |
| Oxygen, Dissolved | **1.18** | mg/L | | | 1 | | 09/13/12 09:59 | 7782-44-7 | |
| Turbidity | **7.51** | NTU | 1.0 | 1.0 | 1 | | 09/13/12 09:59 | | |
| **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 | 09/17/12 14:00 | 09/18/12 11:26 | 96-12-8 | |
| 1,2-Dibromoethane (EDB) | **0.0061U** | ug/L | 0.0099 | 0.0061 | 1 | 09/17/12 14:00 | 09/18/12 11:26 | 106-93-4 | |
| **6010 MET ICP** | Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | |
| Aluminum | **361** | ug/L | 100 | 50.0 | 1 | 09/14/12 11:20 | 09/18/12 21:14 | 7429-90-5 | |
| Arsenic | **42.6** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:14 | 7440-38-2 | |
| Barium | **258** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:14 | 7440-39-3 | |
| Beryllium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/18/12 21:14 | 7440-41-7 | |
| Cadmium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/18/12 21:14 | 7440-43-9 | |
| Calcium | **640** | mg/L | 5.0 | 2.5 | 10 | 09/14/12 11:20 | 09/19/12 03:12 | 7440-70-2 | D4 |
| Chromium | **2.7 I** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:14 | 7440-47-3 | |
| Cobalt | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:14 | 7440-48-4 | |
| Copper | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:14 | 7440-50-8 | |
| Iron | **58500** | ug/L | 40.0 | 20.0 | 1 | 09/14/12 11:20 | 09/18/12 21:14 | 7439-89-6 | |
| Lead | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:14 | 7439-92-1 | |
| Magnesium | **164** | mg/L | 0.50 | 0.25 | 1 | 09/14/12 11:20 | 09/18/12 21:14 | 7439-95-4 | |
| Manganese | **802** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:14 | 7439-96-5 | |
| Nickel | **2.6 I** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:14 | 7440-02-0 | |
| Potassium | **18.7** | mg/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/18/12 21:14 | 7440-09-7 | |
| Selenium | **10.2 I** | ug/L | 15.0 | 7.5 | 1 | 09/14/12 11:20 | 09/18/12 21:14 | 7782-49-2 | |
| Silver | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:14 | 7440-22-4 | |
| Sodium | **86.7** | mg/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/18/12 21:14 | 7440-23-5 | |
| Vanadium | **6.2 I** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:14 | 7440-62-2 | |
| Zinc | **10.0U** | ug/L | 20.0 | 10.0 | 1 | 09/14/12 11:20 | 09/18/12 21:14 | 7440-66-6 | |
| **6020 MET ICPMS** | Analytical Method: EPA 6020 Preparation Method: EPA 3010 | | | | | | | | |
| Antimony | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/20/12 01:42 | 7440-36-0 | |
| Thallium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/20/12 01:42 | 7440-28-0 | |
| **7470 Mercury** | Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | |
| Mercury | **0.10U** | ug/L | 0.20 | 0.10 | 1 | 09/16/12 16:00 | 09/17/12 08:46 | 7439-97-6 | |
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Acetone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 03:40 | 67-64-1 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 03:40 | 107-13-1 | |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/26/12 03:40 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/26/12 03:40 | 75-27-4 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-15** **Lab ID: 3567547015** Collected: 09/13/12 09:59 Received: 09/14/12 03:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 03:40 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 03:40 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/26/12 03:40 | 74-87-3 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/26/12 03:40 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 74-95-3 | |
| 1,2-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 95-50-1 | |
| 1,4-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 03:40 | 110-57-6 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 78-87-5 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 03:40 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 03:40 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 100-41-4 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 03:40 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 74-88-4 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/26/12 03:40 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 03:40 | 108-10-1 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/26/12 03:40 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 108-88-3 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/26/12 03:40 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/26/12 03:40 | 108-05-4 | |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:40 | 1330-20-7 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 93 | % | 70-114 | | 1 | | 09/26/12 03:40 | 460-00-4 | |
| Dibromofluoromethane (S) | 102 | % | 88-117 | | 1 | | 09/26/12 03:40 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 110 | % | 86-125 | | 1 | | 09/26/12 03:40 | 17060-07-0 | |
| Toluene-d8 (S) | 96 | % | 87-113 | | 1 | | 09/26/12 03:40 | 2037-26-5 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-15** **Lab ID: 3567547015** Collected: 09/13/12 09:59 Received: 09/14/12 03:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **2320B Alkalinity** | Analytical Method: SM 2320B | | | | | | | | |
| Alkalinity,Bicarbonate (CaCO3) | **1920** | mg/L | 25.0 | 25.0 | 5 | | 09/19/12 19:11 | | |
| Alkalinity, Carbonate (CaCO3) | **25.0U** | mg/L | 25.0 | 25.0 | 5 | | 09/19/12 19:11 | | |
| Alkalinity, Total as CaCO3 | **1920** | mg/L | 25.0 | 25.0 | 5 | | 09/19/12 19:11 | | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **2260** | mg/L | 20.0 | 20.0 | 1 | | 09/20/12 15:09 | | |
| **300.0 IC Anions** | Analytical Method: EPA 300.0 | | | | | | | | |
| Nitrate as N | **0.50U** | mg/L | 1.0 | 0.50 | 20 | | 09/14/12 15:10 | 14797-55-8 | |
| Nitrite as N | **0.50U** | mg/L | 1.0 | 0.50 | 20 | | 09/14/12 15:10 | 14797-65-0 | |
| Nitrogen, NO2 plus NO3 | **0.50U** | mg/L | 1.0 | 0.50 | 20 | | 09/14/12 15:10 | | |
| **300.0 IC Anions 28 Days** | Analytical Method: EPA 300.0 | | | | | | | | |
| Chloride | **152** | mg/L | 100 | 50.0 | 20 | | 09/14/12 15:10 | 16887-00-6 | |
| Sulfate | **81.0** | mg/L | 5.0 | 2.5 | 1 | | 09/17/12 00:57 | 14808-79-8 | |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **6.3** | mg/L | 0.050 | 0.020 | 1 | | 09/26/12 11:01 | 7664-41-7 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-16** **Lab ID: 3567547016** Collected: 09/13/12 11:25 Received: 09/14/12 03:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Field Data** | Analytical Method: | | | | | | | | |
| Field pH | **6.05** | Std. Units | 0.10 | 0.10 | 1 | | 09/13/12 11:25 | | |
| Field Temperature | **27.12** | deg C | 0.50 | 0.50 | 1 | | 09/13/12 11:25 | | |
| Field Specific Conductance | **2493** | umhos/cm | 1.0 | 1.0 | 1 | | 09/13/12 11:25 | | |
| Oxygen, Dissolved | **.077** | mg/L | | | 1 | | 09/13/12 11:25 | 7782-44-7 | |
| Turbidity | **2.66** | NTU | 1.0 | 1.0 | 1 | | 09/13/12 11:25 | | |
| **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 | 09/17/12 14:00 | 09/18/12 11:41 | 96-12-8 | |
| 1,2-Dibromoethane (EDB) | **0.0061U** | ug/L | 0.0099 | 0.0061 | 1 | 09/17/12 14:00 | 09/18/12 11:41 | 106-93-4 | |
| **6010 MET ICP** | Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | |
| Aluminum | **608** | ug/L | 100 | 50.0 | 1 | 09/14/12 11:20 | 09/18/12 21:18 | 7429-90-5 | |
| Arsenic | **41.5** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:18 | 7440-38-2 | |
| Barium | **78.8** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:18 | 7440-39-3 | |
| Beryllium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/18/12 21:18 | 7440-41-7 | |
| Cadmium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/18/12 21:18 | 7440-43-9 | |
| Calcium | **153** | mg/L | 0.50 | 0.25 | 1 | 09/14/12 11:20 | 09/18/12 21:18 | 7440-70-2 | |
| Chromium | **3.7 I** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:18 | 7440-47-3 | |
| Cobalt | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:18 | 7440-48-4 | |
| Copper | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:18 | 7440-50-8 | |
| Iron | **36600** | ug/L | 40.0 | 20.0 | 1 | 09/14/12 11:20 | 09/18/12 21:18 | 7439-89-6 | |
| Lead | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:18 | 7439-92-1 | |
| Magnesium | **55.9** | mg/L | 0.50 | 0.25 | 1 | 09/14/12 11:20 | 09/18/12 21:18 | 7439-95-4 | |
| Manganese | **16.5** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:18 | 7439-96-5 | |
| Nickel | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:18 | 7440-02-0 | |
| Potassium | **7.8** | mg/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/18/12 21:18 | 7440-09-7 | |
| Selenium | **7.5U** | ug/L | 15.0 | 7.5 | 1 | 09/14/12 11:20 | 09/18/12 21:18 | 7782-49-2 | |
| Silver | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:18 | 7440-22-4 | |
| Sodium | **242** | mg/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/18/12 21:18 | 7440-23-5 | |
| Vanadium | **8.9 I** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:18 | 7440-62-2 | |
| Zinc | **10.0U** | ug/L | 20.0 | 10.0 | 1 | 09/14/12 11:20 | 09/18/12 21:18 | 7440-66-6 | |
| **6020 MET ICPMS** | Analytical Method: EPA 6020 Preparation Method: EPA 3010 | | | | | | | | |
| Antimony | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/20/12 01:45 | 7440-36-0 | |
| Thallium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/20/12 01:45 | 7440-28-0 | |
| **7470 Mercury** | Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | |
| Mercury | **0.10U** | ug/L | 0.20 | 0.10 | 1 | 09/16/12 16:00 | 09/17/12 08:49 | 7439-97-6 | |
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Acetone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 04:03 | 67-64-1 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 04:03 | 107-13-1 | |
| Benzene | **0.13 I** | ug/L | 1.0 | 0.10 | 1 | | 09/26/12 04:03 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/26/12 04:03 | 75-27-4 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-16** **Lab ID: 3567547016** Collected: 09/13/12 11:25 Received: 09/14/12 03:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 04:03 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 04:03 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/26/12 04:03 | 74-87-3 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/26/12 04:03 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 74-95-3 | |
| 1,2-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 95-50-1 | |
| 1,4-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 04:03 | 110-57-6 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 78-87-5 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 04:03 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 04:03 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 100-41-4 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 04:03 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 74-88-4 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/26/12 04:03 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 04:03 | 108-10-1 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/26/12 04:03 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 108-88-3 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/26/12 04:03 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/26/12 04:03 | 108-05-4 | |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:03 | 1330-20-7 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 94 | % | 70-114 | | 1 | | 09/26/12 04:03 | 460-00-4 | |
| Dibromofluoromethane (S) | 104 | % | 88-117 | | 1 | | 09/26/12 04:03 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 110 | % | 86-125 | | 1 | | 09/26/12 04:03 | 17060-07-0 | |
| Toluene-d8 (S) | 98 | % | 87-113 | | 1 | | 09/26/12 04:03 | 2037-26-5 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-16** **Lab ID: 3567547016** Collected: 09/13/12 11:25 Received: 09/14/12 03:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **2320B Alkalinity** | Analytical Method: SM 2320B | | | | | | | | |
| Alkalinity,Bicarbonate (CaCO3) | **769** | mg/L | 5.0 | 5.0 | 1 | | 09/18/12 20:38 | | |
| Alkalinity, Carbonate (CaCO3) | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/18/12 20:38 | | |
| Alkalinity, Total as CaCO3 | **769** | mg/L | 5.0 | 5.0 | 1 | | 09/18/12 20:38 | | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **1450** | mg/L | 20.0 | 20.0 | 1 | | 09/20/12 15:09 | | |
| **300.0 IC Anions** | Analytical Method: EPA 300.0 | | | | | | | | |
| Nitrate as N | **0.25U** | mg/L | 0.50 | 0.25 | 10 | | 09/14/12 18:24 | 14797-55-8 | |
| Nitrite as N | **0.25U** | mg/L | 0.50 | 0.25 | 10 | | 09/14/12 18:24 | 14797-65-0 | |
| Nitrogen, NO2 plus NO3 | **0.25U** | mg/L | 0.50 | 0.25 | 10 | | 09/14/12 18:24 | | |
| **300.0 IC Anions 28 Days** | Analytical Method: EPA 300.0 | | | | | | | | |
| Chloride | **308** | mg/L | 50.0 | 25.0 | 10 | | 09/14/12 18:24 | 16887-00-6 | |
| Sulfate | **2.5U** | mg/L | 5.0 | 2.5 | 1 | | 09/17/12 01:09 | 14808-79-8 | |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **35.6** | mg/L | 0.25 | 0.10 | 5 | | 09/26/12 12:04 | 7664-41-7 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-17** **Lab ID: 3567547017** Collected: 09/13/12 12:29 Received: 09/14/12 03:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Field Data** | Analytical Method: | | | | | | | | |
| Field pH | **6.10** | Std. Units | 0.10 | 0.10 | 1 | | 09/13/12 12:29 | | |
| Field Temperature | **27.03** | deg C | 0.50 | 0.50 | 1 | | 09/13/12 12:29 | | |
| Field Specific Conductance | **1774** | umhos/cm | 1.0 | 1.0 | 1 | | 09/13/12 12:29 | | |
| Oxygen, Dissolved | **0.67** | mg/L | | | 1 | | 09/13/12 12:29 | 7782-44-7 | |
| Turbidity | **1.23** | NTU | 1.0 | 1.0 | 1 | | 09/13/12 12:29 | | |
| **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 | 09/17/12 14:00 | 09/18/12 12:12 | 96-12-8 | |
| 1,2-Dibromoethane (EDB) | **0.0062U** | ug/L | 0.010 | 0.0062 | 1 | 09/17/12 14:00 | 09/18/12 12:12 | 106-93-4 | |
| **6010 MET ICP** | Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | |
| Aluminum | **106** | ug/L | 100 | 50.0 | 1 | 09/14/12 11:20 | 09/18/12 18:13 | 7429-90-5 | |
| Arsenic | **61.8** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 18:13 | 7440-38-2 | |
| Barium | **99.7** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 18:13 | 7440-39-3 | |
| Beryllium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/18/12 18:13 | 7440-41-7 | |
| Cadmium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/18/12 18:13 | 7440-43-9 | |
| Calcium | **219** | mg/L | 0.50 | 0.25 | 1 | 09/14/12 11:20 | 09/18/12 18:13 | 7440-70-2 | |
| Chromium | **2.7** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 18:13 | 7440-47-3 | |
| Cobalt | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 18:13 | 7440-48-4 | |
| Copper | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 18:13 | 7440-50-8 | |
| Iron | **104000** | ug/L | 40.0 | 20.0 | 1 | 09/14/12 11:20 | 09/18/12 18:13 | 7439-89-6 | |
| Lead | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 18:13 | 7439-92-1 | |
| Magnesium | **19.4** | mg/L | 0.50 | 0.25 | 1 | 09/14/12 11:20 | 09/18/12 18:13 | 7439-95-4 | |
| Manganese | **11.8** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 18:13 | 7439-96-5 | |
| Nickel | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 18:13 | 7440-02-0 | |
| Potassium | **5.9** | mg/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/18/12 18:13 | 7440-09-7 | |
| Selenium | **18.0** | ug/L | 15.0 | 7.5 | 1 | 09/14/12 11:20 | 09/18/12 18:13 | 7782-49-2 | |
| Silver | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 18:13 | 7440-22-4 | |
| Sodium | **59.9** | mg/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/18/12 18:13 | 7440-23-5 | |
| Vanadium | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 18:13 | 7440-62-2 | |
| Zinc | **10.0U** | ug/L | 20.0 | 10.0 | 1 | 09/14/12 11:20 | 09/18/12 18:13 | 7440-66-6 | |
| **6020 MET ICPMS** | Analytical Method: EPA 6020 Preparation Method: EPA 3010 | | | | | | | | |
| Antimony | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/20/12 01:52 | 7440-36-0 | |
| Thallium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/20/12 01:52 | 7440-28-0 | |
| **7470 Mercury** | Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | |
| Mercury | **0.10U** | ug/L | 0.20 | 0.10 | 1 | 09/16/12 16:00 | 09/17/12 08:55 | 7439-97-6 | |
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Acetone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 04:26 | 67-64-1 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 04:26 | 107-13-1 | |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/26/12 04:26 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/26/12 04:26 | 75-27-4 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-17** **Lab ID: 3567547017** Collected: 09/13/12 12:29 Received: 09/14/12 03:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 04:26 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 04:26 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/26/12 04:26 | 74-87-3 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/26/12 04:26 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 74-95-3 | |
| 1,2-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 95-50-1 | |
| 1,4-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 04:26 | 110-57-6 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 78-87-5 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 04:26 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 04:26 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 100-41-4 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 04:26 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 74-88-4 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/26/12 04:26 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 04:26 | 108-10-1 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/26/12 04:26 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 108-88-3 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/26/12 04:26 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/26/12 04:26 | 108-05-4 | |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 04:26 | 1330-20-7 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 90 | % | 70-114 | | 1 | | 09/26/12 04:26 | 460-00-4 | |
| Dibromofluoromethane (S) | 102 | % | 88-117 | | 1 | | 09/26/12 04:26 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 109 | % | 86-125 | | 1 | | 09/26/12 04:26 | 17060-07-0 | |
| Toluene-d8 (S) | 98 | % | 87-113 | | 1 | | 09/26/12 04:26 | 2037-26-5 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-17** **Lab ID: 3567547017** Collected: 09/13/12 12:29 Received: 09/14/12 03:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **2320B Alkalinity** | Analytical Method: SM 2320B | | | | | | | | |
| Alkalinity,Bicarbonate (CaCO3) | **743** | mg/L | 5.0 | 5.0 | 1 | | 09/18/12 20:53 | | |
| Alkalinity, Carbonate (CaCO3) | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/18/12 20:53 | | |
| Alkalinity, Total as CaCO3 | **743** | mg/L | 5.0 | 5.0 | 1 | | 09/18/12 20:53 | | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **876** | mg/L | 10.0 | 10.0 | 1 | | 09/20/12 15:09 | | |
| **300.0 IC Anions** | Analytical Method: EPA 300.0 | | | | | | | | |
| Nitrate as N | **0.12U** | mg/L | 0.25 | 0.12 | 5 | | 09/14/12 18:36 | 14797-55-8 | |
| Nitrite as N | **0.12U** | mg/L | 0.25 | 0.12 | 5 | | 09/14/12 18:36 | 14797-65-0 | |
| Nitrogen, NO2 plus NO3 | **0.12U** | mg/L | 0.25 | 0.12 | 5 | | 09/14/12 18:36 | | |
| **300.0 IC Anions 28 Days** | Analytical Method: EPA 300.0 | | | | | | | | |
| Chloride | **78.4** | mg/L | 5.0 | 2.5 | 1 | | 09/17/12 01:21 | 16887-00-6 | |
| Sulfate | **2.5U** | mg/L | 5.0 | 2.5 | 1 | | 09/17/12 01:21 | 14808-79-8 | |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **26.3** | mg/L | 0.25 | 0.10 | 5 | | 09/26/12 12:05 | 7664-41-7 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Equip. Blank #3** **Lab ID: 3567547018** Collected: 09/13/12 13:05 Received: 09/14/12 03:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8011 GCS EDB and DBCP** | Analytical Method: EPA 8011 Preparation Method: EPA 8011 | | | | | | | | |
| 1,2-Dibromo-3-chloropropane | **0.0049U** | ug/L | 0.020 | 0.0049 | 1 | 09/17/12 14:00 | 09/18/12 12:28 | 96-12-8 | |
| 1,2-Dibromoethane (EDB) | **0.0062U** | ug/L | 0.010 | 0.0062 | 1 | 09/17/12 14:00 | 09/18/12 12:28 | 106-93-4 | |
| **6010 MET ICP** | Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | |
| Aluminum | **50.0U** | ug/L | 100 | 50.0 | 1 | 09/14/12 11:20 | 09/18/12 21:23 | 7429-90-5 | |
| Arsenic | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:23 | 7440-38-2 | |
| Barium | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:23 | 7440-39-3 | |
| Beryllium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/18/12 21:23 | 7440-41-7 | |
| Cadmium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/18/12 21:23 | 7440-43-9 | |
| Calcium | **0.25U** | mg/L | 0.50 | 0.25 | 1 | 09/14/12 11:20 | 09/18/12 21:23 | 7440-70-2 | |
| Chromium | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:23 | 7440-47-3 | |
| Cobalt | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:23 | 7440-48-4 | |
| Copper | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:23 | 7440-50-8 | |
| Iron | **20.0U** | ug/L | 40.0 | 20.0 | 1 | 09/14/12 11:20 | 09/18/12 21:23 | 7439-89-6 | |
| Lead | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:23 | 7439-92-1 | |
| Magnesium | **0.25U** | mg/L | 0.50 | 0.25 | 1 | 09/14/12 11:20 | 09/18/12 21:23 | 7439-95-4 | |
| Manganese | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:23 | 7439-96-5 | |
| Nickel | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:23 | 7440-02-0 | |
| Potassium | **0.50U** | mg/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/18/12 21:23 | 7440-09-7 | |
| Selenium | **7.5U** | ug/L | 15.0 | 7.5 | 1 | 09/14/12 11:20 | 09/18/12 21:23 | 7782-49-2 | |
| Silver | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/14/12 11:20 | 09/18/12 21:23 | 7440-22-4 | |
| Sodium | **0.50U** | mg/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/18/12 21:23 | 7440-23-5 | |
| Vanadium | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/14/12 11:20 | 09/18/12 21:23 | 7440-62-2 | |
| Zinc | **10.0U** | ug/L | 20.0 | 10.0 | 1 | 09/14/12 11:20 | 09/18/12 21:23 | 7440-66-6 | |
| **6020 MET ICPMS** | Analytical Method: EPA 6020 Preparation Method: EPA 3010 | | | | | | | | |
| Antimony | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/20/12 01:55 | 7440-36-0 | |
| Thallium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/14/12 11:20 | 09/20/12 01:55 | 7440-28-0 | |
| **7470 Mercury** | Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | |
| Mercury | **0.10U** | ug/L | 0.20 | 0.10 | 1 | 09/16/12 16:00 | 09/17/12 08:57 | 7439-97-6 | |
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Acetone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 21:57 | 67-64-1 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 21:57 | 107-13-1 | |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/25/12 21:57 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/25/12 21:57 | 75-27-4 | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 21:57 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 21:57 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 75-00-3 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Equip. Blank #3** **Lab ID: 3567547018** Collected: 09/13/12 13:05 Received: 09/14/12 03:00 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 | | 09/25/12 21:57 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/25/12 21:57 | 74-87-3 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/25/12 21:57 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 74-95-3 | |
| 1,2-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 95-50-1 | |
| 1,4-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 21:57 | 110-57-6 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 78-87-5 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/25/12 21:57 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/25/12 21:57 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 100-41-4 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 21:57 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 74-88-4 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/25/12 21:57 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 21:57 | 108-10-1 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/25/12 21:57 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 108-88-3 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/25/12 21:57 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/25/12 21:57 | 108-05-4 | |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:57 | 1330-20-7 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 92 | % | 70-114 | | 1 | | 09/25/12 21:57 | 460-00-4 | |
| Dibromofluoromethane (S) | 104 | % | 88-117 | | 1 | | 09/25/12 21:57 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 107 | % | 86-125 | | 1 | | 09/25/12 21:57 | 17060-07-0 | |
| Toluene-d8 (S) | 99 | % | 87-113 | | 1 | | 09/25/12 21:57 | 2037-26-5 | |
| **2320B Alkalinity** | Analytical Method: SM 2320B | | | | | | | | |
| Alkalinity,Bicarbonate (CaCO3) | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/18/12 20:57 | | |
| Alkalinity, Carbonate (CaCO3) | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/18/12 20:57 | | |
| Alkalinity, Total as CaCO3 | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/18/12 20:57 | | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/20/12 15:09 | | |



**REPORT OF LABORATORY ANALYSIS**



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Equip. Blank #3** **Lab ID: 3567547018** Collected: 09/13/12 13:05 Received: 09/14/12 03:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **300.0 IC Anions** | Analytical Method: EPA 300.0 | | | | | | | | |
| Nitrate as N | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/14/12 18:48 | 14797-55-8 | |
| Nitrite as N | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/14/12 18:48 | 14797-65-0 | |
| Nitrogen, NO2 plus NO3 | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/14/12 18:48 | | |
| **300.0 IC Anions 28 Days** | Analytical Method: EPA 300.0 | | | | | | | | |
| Chloride | **2.5U** | mg/L | 5.0 | 2.5 | 1 | | 09/14/12 18:48 | 16887-00-6 | |
| Sulfate | **2.5U** | mg/L | 5.0 | 2.5 | 1 | | 09/14/12 18:48 | 14808-79-8 | |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **0.020U** | mg/L | 0.050 | 0.020 | 1 | | 09/26/12 11:06 | 7664-41-7 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Trip Blank #3** **Lab ID: 3567547019** Collected: 09/13/12 08:00 Received: 09/14/12 03:00 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 | | 09/25/12 21:11 | 67-64-1 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 21:11 | 107-13-1 | |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/25/12 21:11 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/25/12 21:11 | 75-27-4 | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 21:11 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 21:11 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/25/12 21:11 | 74-87-3 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/25/12 21:11 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 74-95-3 | |
| 1,2-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 95-50-1 | |
| 1,4-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 21:11 | 110-57-6 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 78-87-5 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/25/12 21:11 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/25/12 21:11 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 100-41-4 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 21:11 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 74-88-4 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/25/12 21:11 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 21:11 | 108-10-1 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/25/12 21:11 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 108-88-3 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/25/12 21:11 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/25/12 21:11 | 108-05-4 | |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 75-01-4 | |
| Xylene (Total) | **0.58 I** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 21:11 | 1330-20-7 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Trip Blank #3** **Lab ID: 3567547019** Collected: 09/13/12 08:00 Received: 09/14/12 03:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 95 | % | 70-114 | | 1 | | 09/25/12 21:11 | 460-00-4 | |
| Dibromofluoromethane (S) | 101 | % | 88-117 | | 1 | | 09/25/12 21:11 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 111 | % | 86-125 | | 1 | | 09/25/12 21:11 | 17060-07-0 | |
| Toluene-d8 (S) | 100 | % | 87-113 | | 1 | | 09/25/12 21:11 | 2037-26-5 | |



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

Pace Analytical®
www.pacelabs.com

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-20** **Lab ID: 3567547020** Collected: 09/14/12 09:58 Received: 09/15/12 00:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Field Data** | Analytical Method: | | | | | | | | |
| Field pH | **6.29** | Std. Units | 0.10 | 0.10 | 1 | | 09/14/12 09:58 | | |
| Field Temperature | **27.12** | deg C | 0.50 | 0.50 | 1 | | 09/14/12 09:58 | | |
| Field Specific Conductance | **2580** | umhos/cm | 1.0 | 1.0 | 1 | | 09/14/12 09:58 | | |
| Oxygen, Dissolved | **0.62** | mg/L | | | 1 | | 09/14/12 09:58 | 7782-44-7 | |
| Turbidity | **0.84** | NTU | 1.0 | 1.0 | 1 | | 09/14/12 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 | 09/20/12 10:00 | 09/21/12 03:34 | 96-12-8 | |
| 1,2-Dibromoethane (EDB) | **0.0063U** | ug/L | 0.010 | 0.0063 | 1 | 09/20/12 10:00 | 09/21/12 03:34 | 106-93-4 | |
| **6010 MET ICP** | Analytical Method: EPA 6010 | | Preparation Method: EPA 3010 | | | | | | |
| Aluminum | **51.5 I** | ug/L | 100 | 50.0 | 1 | 09/16/12 21:45 | 09/19/12 10:47 | 7429-90-5 | |
| Arsenic | **23.2** | ug/L | 10.0 | 5.0 | 1 | 09/16/12 21:45 | 09/19/12 10:47 | 7440-38-2 | |
| Barium | **121** | ug/L | 10.0 | 5.0 | 1 | 09/16/12 21:45 | 09/19/12 10:47 | 7440-39-3 | |
| Beryllium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/16/12 21:45 | 09/19/12 10:47 | 7440-41-7 | |
| Cadmium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/16/12 21:45 | 09/19/12 10:47 | 7440-43-9 | |
| Calcium | **473** | mg/L | 0.50 | 0.25 | 1 | 09/16/12 21:45 | 09/19/12 10:47 | 7440-70-2 | |
| Chromium | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/16/12 21:45 | 09/19/12 10:47 | 7440-47-3 | |
| Cobalt | **13.8** | ug/L | 10.0 | 5.0 | 1 | 09/16/12 21:45 | 09/19/12 10:47 | 7440-48-4 | |
| Copper | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/16/12 21:45 | 09/19/12 10:47 | 7440-50-8 | |
| Iron | **20600** | ug/L | 40.0 | 20.0 | 1 | 09/16/12 21:45 | 09/19/12 10:47 | 7439-89-6 | |
| Lead | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/16/12 21:45 | 09/19/12 10:47 | 7439-92-1 | |
| Magnesium | **108** | mg/L | 0.50 | 0.25 | 1 | 09/16/12 21:45 | 09/19/12 10:47 | 7439-95-4 | |
| Manganese | **492** | ug/L | 5.0 | 2.5 | 1 | 09/16/12 21:45 | 09/19/12 10:47 | 7439-96-5 | |
| Nickel | **5.4** | ug/L | 5.0 | 2.5 | 1 | 09/16/12 21:45 | 09/19/12 10:47 | 7440-02-0 | |
| Potassium | **5.2** | mg/L | 1.0 | 0.50 | 1 | 09/16/12 21:45 | 09/19/12 10:47 | 7440-09-7 | |
| Selenium | **7.5U** | ug/L | 15.0 | 7.5 | 1 | 09/16/12 21:45 | 09/19/12 10:47 | 7782-49-2 | |
| Silver | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/16/12 21:45 | 09/19/12 10:47 | 7440-22-4 | |
| Sodium | **86.2** | mg/L | 1.0 | 0.50 | 1 | 09/16/12 21:45 | 09/19/12 10:47 | 7440-23-5 | |
| Vanadium | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/16/12 21:45 | 09/19/12 10:47 | 7440-62-2 | |
| Zinc | **10.0U** | ug/L | 20.0 | 10.0 | 1 | 09/16/12 21:45 | 09/19/12 10:47 | 7440-66-6 | |
| **6020 MET ICPMS** | Analytical Method: EPA 6020 | | Preparation Method: EPA 3010 | | | | | | |
| Antimony | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/16/12 21:45 | 09/18/12 15:39 | 7440-36-0 | |
| Thallium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/16/12 21:45 | 09/18/12 15:39 | 7440-28-0 | |
| **7470 Mercury** | Analytical Method: EPA 7470 | | Preparation Method: EPA 7470 | | | | | | |
| Mercury | **0.10U** | ug/L | 0.20 | 0.10 | 1 | 09/18/12 02:00 | 09/18/12 09:54 | 7439-97-6 | |
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Acetone | **9.5 I** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 01:46 | 67-64-1 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 01:46 | 107-13-1 | L3 |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/26/12 01:46 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/26/12 01:46 | 75-27-4 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-20** **Lab ID: 3567547020** Collected: 09/14/12 09:58 Received: 09/15/12 00:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 01:46 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 01:46 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/26/12 01:46 | 74-87-3 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/26/12 01:46 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 74-95-3 | |
| 1,2-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 95-50-1 | |
| 1,4-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 01:46 | 110-57-6 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 78-87-5 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 01:46 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 01:46 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 100-41-4 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 01:46 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 74-88-4 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/26/12 01:46 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 01:46 | 108-10-1 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/26/12 01:46 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 108-88-3 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/26/12 01:46 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/26/12 01:46 | 108-05-4 | L3 |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 01:46 | 1330-20-7 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 97 | % | 70-114 | | 1 | | 09/26/12 01:46 | 460-00-4 | |
| Dibromofluoromethane (S) | 98 | % | 88-117 | | 1 | | 09/26/12 01:46 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 107 | % | 86-125 | | 1 | | 09/26/12 01:46 | 17060-07-0 | |
| Toluene-d8 (S) | 99 | % | 87-113 | | 1 | | 09/26/12 01:46 | 2037-26-5 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-20** **Lab ID: 3567547020** Collected: 09/14/12 09:58 Received: 09/15/12 00:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **2320B Alkalinity** | Analytical Method: SM 2320B | | | | | | | | |
| Alkalinity,Bicarbonate (CaCO3) | **990** | mg/L | 5.0 | 5.0 | 1 | | 09/19/12 19:30 | | |
| Alkalinity, Carbonate (CaCO3) | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/19/12 19:30 | | |
| Alkalinity, Total as CaCO3 | **990** | mg/L | 5.0 | 5.0 | 1 | | 09/19/12 19:30 | | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **2000** | mg/L | 20.0 | 20.0 | 1 | | 09/20/12 15:17 | | |
| **300.0 IC Anions** | Analytical Method: EPA 300.0 | | | | | | | | |
| Nitrate as N | **0.25U** | mg/L | 0.50 | 0.25 | 10 | | 09/15/12 09:12 | 14797-55-8 | |
| Nitrite as N | **0.25U** | mg/L | 0.50 | 0.25 | 10 | | 09/15/12 09:12 | 14797-65-0 | |
| Nitrogen, NO2 plus NO3 | **0.25U** | mg/L | 0.50 | 0.25 | 10 | | 09/15/12 09:12 | | |
| **300.0 IC Anions 28 Days** | Analytical Method: EPA 300.0 | | | | | | | | |
| Chloride | **51.5** | mg/L | 50.0 | 25.0 | 10 | | 09/15/12 09:12 | 16887-00-6 | |
| Sulfate | **601** | mg/L | 50.0 | 25.0 | 10 | | 09/15/12 09:12 | 14808-79-8 | M6 |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **2.4** | mg/L | 0.050 | 0.020 | 1 | | 10/02/12 09:53 | 7664-41-7 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-19** **Lab ID: 3567547021** Collected: 09/14/12 11:02 Received: 09/15/12 00:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Field Data** | Analytical Method: | | | | | | | | |
| Field pH | **5.98** | Std. Units | 0.10 | 0.10 | 1 | | 09/14/12 11:02 | | |
| Field Temperature | **27.79** | deg C | 0.50 | 0.50 | 1 | | 09/14/12 11:02 | | |
| Field Specific Conductance | **1272** | umhos/cm | 1.0 | 1.0 | 1 | | 09/14/12 11:02 | | |
| Oxygen, Dissolved | **0.49** | mg/L | | | 1 | | 09/14/12 11:02 | 7782-44-7 | |
| Turbidity | **2.60** | NTU | 1.0 | 1.0 | 1 | | 09/14/12 11:02 | | |
| **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 | 09/20/12 10:00 | 09/21/12 03:49 | 96-12-8 | |
| 1,2-Dibromoethane (EDB) | **0.0062U** | ug/L | 0.010 | 0.0062 | 1 | 09/20/12 10:00 | 09/21/12 03:49 | 106-93-4 | |
| **6010 MET ICP** | Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | |
| Aluminum | **235** | ug/L | 100 | 50.0 | 1 | 09/16/12 21:45 | 09/19/12 10:52 | 7429-90-5 | |
| Arsenic | **48.6** | ug/L | 10.0 | 5.0 | 1 | 09/16/12 21:45 | 09/19/12 10:52 | 7440-38-2 | |
| Barium | **46.3** | ug/L | 10.0 | 5.0 | 1 | 09/16/12 21:45 | 09/19/12 10:52 | 7440-39-3 | |
| Beryllium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/16/12 21:45 | 09/19/12 10:52 | 7440-41-7 | |
| Cadmium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/16/12 21:45 | 09/19/12 10:52 | 7440-43-9 | |
| Calcium | **130** | mg/L | 0.50 | 0.25 | 1 | 09/16/12 21:45 | 09/19/12 10:52 | 7440-70-2 | |
| Chromium | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/16/12 21:45 | 09/19/12 10:52 | 7440-47-3 | |
| Cobalt | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/16/12 21:45 | 09/19/12 10:52 | 7440-48-4 | |
| Copper | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/16/12 21:45 | 09/19/12 10:52 | 7440-50-8 | |
| Iron | **62500** | ug/L | 40.0 | 20.0 | 1 | 09/16/12 21:45 | 09/19/12 10:52 | 7439-89-6 | |
| Lead | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/16/12 21:45 | 09/19/12 10:52 | 7439-92-1 | |
| Magnesium | **47.5** | mg/L | 0.50 | 0.25 | 1 | 09/16/12 21:45 | 09/19/12 10:52 | 7439-95-4 | |
| Manganese | **358** | ug/L | 5.0 | 2.5 | 1 | 09/16/12 21:45 | 09/19/12 10:52 | 7439-96-5 | |
| Nickel | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/16/12 21:45 | 09/19/12 10:52 | 7440-02-0 | |
| Potassium | **3.8** | mg/L | 1.0 | 0.50 | 1 | 09/16/12 21:45 | 09/19/12 10:52 | 7440-09-7 | |
| Selenium | **12.2 I** | ug/L | 15.0 | 7.5 | 1 | 09/16/12 21:45 | 09/19/12 10:52 | 7782-49-2 | |
| Silver | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/16/12 21:45 | 09/19/12 10:52 | 7440-22-4 | |
| Sodium | **25.3** | mg/L | 1.0 | 0.50 | 1 | 09/16/12 21:45 | 09/19/12 10:52 | 7440-23-5 | |
| Vanadium | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/16/12 21:45 | 09/19/12 10:52 | 7440-62-2 | |
| Zinc | **10.0U** | ug/L | 20.0 | 10.0 | 1 | 09/16/12 21:45 | 09/19/12 10:52 | 7440-66-6 | |
| **6020 MET ICPMS** | Analytical Method: EPA 6020 Preparation Method: EPA 3010 | | | | | | | | |
| Antimony | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/16/12 21:45 | 09/18/12 15:51 | 7440-36-0 | |
| Thallium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/16/12 21:45 | 09/18/12 15:51 | 7440-28-0 | |
| **7470 Mercury** | Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | |
| Mercury | **0.10U** | ug/L | 0.20 | 0.10 | 1 | 09/18/12 02:00 | 09/18/12 09:56 | 7439-97-6 | |
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Acetone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 02:11 | 67-64-1 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 02:11 | 107-13-1 | L3 |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/26/12 02:11 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/26/12 02:11 | 75-27-4 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-19** **Lab ID: 3567547021** Collected: 09/14/12 11:02 Received: 09/15/12 00:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 02:11 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 02:11 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/26/12 02:11 | 74-87-3 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/26/12 02:11 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 74-95-3 | |
| 1,2-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 95-50-1 | |
| 1,4-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 02:11 | 110-57-6 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 78-87-5 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 02:11 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 02:11 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 100-41-4 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 02:11 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 74-88-4 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/26/12 02:11 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 02:11 | 108-10-1 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/26/12 02:11 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 108-88-3 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/26/12 02:11 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/26/12 02:11 | 108-05-4 | L3 |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:11 | 1330-20-7 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 97 | % | 70-114 | | 1 | | 09/26/12 02:11 | 460-00-4 | |
| Dibromofluoromethane (S) | 97 | % | 88-117 | | 1 | | 09/26/12 02:11 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 107 | % | 86-125 | | 1 | | 09/26/12 02:11 | 17060-07-0 | |
| Toluene-d8 (S) | 99 | % | 87-113 | | 1 | | 09/26/12 02:11 | 2037-26-5 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-19** **Lab ID: 3567547021** Collected: 09/14/12 11:02 Received: 09/15/12 00:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **2320B Alkalinity** | Analytical Method: SM 2320B | | | | | | | | |
| Alkalinity,Bicarbonate (CaCO3) | **556** | mg/L | 10.0 | 10.0 | 2 | | 09/19/12 23:00 | | |
| Alkalinity, Carbonate (CaCO3) | **10.0U** | mg/L | 10.0 | 10.0 | 2 | | 09/19/12 23:00 | | |
| Alkalinity, Total as CaCO3 | **556** | mg/L | 10.0 | 10.0 | 2 | | 09/19/12 23:00 | | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **566** | mg/L | 10.0 | 10.0 | 1 | | 09/20/12 15:17 | | |
| **300.0 IC Anions** | Analytical Method: EPA 300.0 | | | | | | | | |
| Nitrate as N | **0.050U** | mg/L | 0.10 | 0.050 | 2 | | 09/15/12 10:49 | 14797-55-8 | |
| Nitrite as N | **0.050U** | mg/L | 0.10 | 0.050 | 2 | | 09/15/12 10:49 | 14797-65-0 | J(M1) |
| Nitrogen, NO2 plus NO3 | **0.050U** | mg/L | 0.10 | 0.050 | 2 | | 09/15/12 10:49 | | |
| **300.0 IC Anions 28 Days** | Analytical Method: EPA 300.0 | | | | | | | | |
| Chloride | **39.3** | mg/L | 5.0 | 2.5 | 1 | | 09/17/12 23:29 | 16887-00-6 | |
| Sulfate | **2.5U** | mg/L | 5.0 | 2.5 | 1 | | 09/17/12 23:29 | 14808-79-8 | |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **17.8** | mg/L | 0.25 | 0.10 | 5 | | 10/02/12 09:14 | 7664-41-7 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-18** **Lab ID: 3567547022** Collected: 09/14/12 12:18 Received: 09/15/12 00:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Field Data** | Analytical Method: | | | | | | | | |
| Field pH | **6.28** | Std. Units | 0.10 | 0.10 | 1 | | 09/14/12 12:18 | | |
| Field Temperature | **28.89** | deg C | 0.50 | 0.50 | 1 | | 09/14/12 12:18 | | |
| Field Specific Conductance | **1968** | umhos/cm | 1.0 | 1.0 | 1 | | 09/14/12 12:18 | | |
| Oxygen, Dissolved | **0.65** | mg/L | | | 1 | | 09/14/12 12:18 | 7782-44-7 | |
| Turbidity | **4.49** | NTU | 1.0 | 1.0 | 1 | | 09/14/12 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 | 09/20/12 10:00 | 09/21/12 04:04 | 96-12-8 | |
| 1,2-Dibromoethane (EDB) | **0.0062U** | ug/L | 0.010 | 0.0062 | 1 | 09/20/12 10:00 | 09/21/12 04:04 | 106-93-4 | |
| **6010 MET ICP** | Analytical Method: EPA 6010 | | Preparation Method: EPA 3010 | | | | | | |
| Aluminum | **53.5 I** | ug/L | 100 | 50.0 | 1 | 09/16/12 21:45 | 09/19/12 10:56 | 7429-90-5 | |
| Arsenic | **7.6 I** | ug/L | 10.0 | 5.0 | 1 | 09/16/12 21:45 | 09/19/12 10:56 | 7440-38-2 | |
| Barium | **69.4** | ug/L | 10.0 | 5.0 | 1 | 09/16/12 21:45 | 09/19/12 10:56 | 7440-39-3 | |
| Beryllium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/16/12 21:45 | 09/19/12 10:56 | 7440-41-7 | |
| Cadmium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/16/12 21:45 | 09/19/12 10:56 | 7440-43-9 | |
| Calcium | **398** | mg/L | 0.50 | 0.25 | 1 | 09/16/12 21:45 | 09/19/12 10:56 | 7440-70-2 | J(M1) |
| Chromium | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/16/12 21:45 | 09/19/12 10:56 | 7440-47-3 | |
| Cobalt | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/16/12 21:45 | 09/19/12 10:56 | 7440-48-4 | |
| Copper | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/16/12 21:45 | 09/19/12 10:56 | 7440-50-8 | |
| Iron | **36200** | ug/L | 40.0 | 20.0 | 1 | 09/16/12 21:45 | 09/19/12 10:56 | 7439-89-6 | J(M1) |
| Lead | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/16/12 21:45 | 09/19/12 10:56 | 7439-92-1 | |
| Magnesium | **46.2** | mg/L | 0.50 | 0.25 | 1 | 09/16/12 21:45 | 09/19/12 10:56 | 7439-95-4 | |
| Manganese | **64.0** | ug/L | 5.0 | 2.5 | 1 | 09/16/12 21:45 | 09/19/12 10:56 | 7439-96-5 | |
| Nickel | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/16/12 21:45 | 09/19/12 10:56 | 7440-02-0 | |
| Potassium | **1.5** | mg/L | 1.0 | 0.50 | 1 | 09/16/12 21:45 | 09/19/12 10:56 | 7440-09-7 | |
| Selenium | **7.5U** | ug/L | 15.0 | 7.5 | 1 | 09/16/12 21:45 | 09/19/12 10:56 | 7782-49-2 | |
| Silver | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/16/12 21:45 | 09/19/12 10:56 | 7440-22-4 | |
| Sodium | **17.0** | mg/L | 1.0 | 0.50 | 1 | 09/16/12 21:45 | 09/19/12 10:56 | 7440-23-5 | |
| Vanadium | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/16/12 21:45 | 09/19/12 10:56 | 7440-62-2 | |
| Zinc | **10.0U** | ug/L | 20.0 | 10.0 | 1 | 09/16/12 21:45 | 09/19/12 10:56 | 7440-66-6 | |
| **6020 MET ICPMS** | Analytical Method: EPA 6020 | | Preparation Method: EPA 3010 | | | | | | |
| Antimony | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/16/12 21:45 | 09/18/12 15:53 | 7440-36-0 | |
| Thallium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/16/12 21:45 | 09/18/12 15:53 | 7440-28-0 | |
| **7470 Mercury** | Analytical Method: EPA 7470 | | Preparation Method: EPA 7470 | | | | | | |
| Mercury | **0.10U** | ug/L | 0.20 | 0.10 | 1 | 09/18/12 02:00 | 09/18/12 10:02 | 7439-97-6 | |
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Acetone | **5.0 I** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 02:37 | 67-64-1 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 02:37 | 107-13-1 | L3 |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/26/12 02:37 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/26/12 02:37 | 75-27-4 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-18** **Lab ID: 3567547022** Collected: 09/14/12 12:18 Received: 09/15/12 00:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 02:37 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 02:37 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/26/12 02:37 | 74-87-3 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/26/12 02:37 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 74-95-3 | |
| 1,2-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 95-50-1 | |
| 1,4-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 02:37 | 110-57-6 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 78-87-5 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 02:37 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 02:37 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 100-41-4 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 02:37 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 74-88-4 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/26/12 02:37 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 02:37 | 108-10-1 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/26/12 02:37 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 108-88-3 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/26/12 02:37 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/26/12 02:37 | 108-05-4 | L3 |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 02:37 | 1330-20-7 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 98 | % | 70-114 | | 1 | | 09/26/12 02:37 | 460-00-4 | |
| Dibromofluoromethane (S) | 97 | % | 88-117 | | 1 | | 09/26/12 02:37 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 108 | % | 86-125 | | 1 | | 09/26/12 02:37 | 17060-07-0 | |
| Toluene-d8 (S) | 97 | % | 87-113 | | 1 | | 09/26/12 02:37 | 2037-26-5 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-18** **Lab ID: 3567547022** Collected: 09/14/12 12:18 Received: 09/15/12 00:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **2320B Alkalinity** | Analytical Method: SM 2320B | | | | | | | | |
| Alkalinity,Bicarbonate (CaCO3) | **1130** | mg/L | 10.0 | 10.0 | 2 | | 09/19/12 23:12 | | |
| Alkalinity, Carbonate (CaCO3) | **10.0U** | mg/L | 10.0 | 10.0 | 2 | | 09/19/12 23:12 | | |
| Alkalinity, Total as CaCO3 | **1130** | mg/L | 10.0 | 10.0 | 2 | | 09/19/12 23:12 | | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **1220** | mg/L | 10.0 | 10.0 | 1 | | 09/20/12 15:17 | | |
| **300.0 IC Anions** | Analytical Method: EPA 300.0 | | | | | | | | |
| Nitrate as N | **0.12U** | mg/L | 0.25 | 0.12 | 5 | | 09/15/12 11:50 | 14797-55-8 | |
| Nitrite as N | **0.12U** | mg/L | 0.25 | 0.12 | 5 | | 09/15/12 11:50 | 14797-65-0 | |
| Nitrogen, NO2 plus NO3 | **0.12U** | mg/L | 0.25 | 0.12 | 5 | | 09/15/12 11:50 | | |
| **300.0 IC Anions 28 Days** | Analytical Method: EPA 300.0 | | | | | | | | |
| Chloride | **34.3** | mg/L | 5.0 | 2.5 | 1 | | 09/17/12 23:41 | 16887-00-6 | |
| Sulfate | **2.5U** | mg/L | 5.0 | 2.5 | 1 | | 09/17/12 23:41 | 14808-79-8 | |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **4.1** | mg/L | 0.050 | 0.020 | 1 | | 10/02/12 09:54 | 7664-41-7 | |



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

Pace Analytical®
www.pacelabs.com

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-1R** **Lab ID: 3567547023** Collected: 09/14/12 13:50 Received: 09/15/12 00:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Field Data** | Analytical Method: | | | | | | | | |
| Field pH | **6.40** | Std. Units | 0.10 | 0.10 | 1 | | 09/14/12 13:50 | | |
| Field Temperature | **28.26** | deg C | 0.50 | 0.50 | 1 | | 09/14/12 13:50 | | |
| Field Specific Conductance | **486** | umhos/cm | 1.0 | 1.0 | 1 | | 09/14/12 13:50 | | |
| Oxygen, Dissolved | **0.22** | mg/L | | | 1 | | 09/14/12 13:50 | 7782-44-7 | |
| Turbidity | **1.19** | NTU | 1.0 | 1.0 | 1 | | 09/14/12 13:50 | | |
| **8011 GCS EDB and DBCP** | Analytical Method: EPA 8011 Preparation Method: EPA 8011 | | | | | | | | |
| 1,2-Dibromo-3-chloropropane | **0.0048U** | ug/L | 0.020 | 0.0048 | 1 | 09/20/12 10:00 | 09/21/12 04:19 | 96-12-8 | |
| 1,2-Dibromoethane (EDB) | **0.0061U** | ug/L | 0.0099 | 0.0061 | 1 | 09/20/12 10:00 | 09/21/12 04:19 | 106-93-4 | |
| **6010 MET ICP** | Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | |
| Aluminum | **151** | ug/L | 100 | 50.0 | 1 | 09/16/12 21:45 | 09/19/12 11:16 | 7429-90-5 | |
| Arsenic | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/16/12 21:45 | 09/19/12 11:16 | 7440-38-2 | |
| Barium | **33.0** | ug/L | 10.0 | 5.0 | 1 | 09/16/12 21:45 | 09/19/12 11:16 | 7440-39-3 | |
| Beryllium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/16/12 21:45 | 09/19/12 11:16 | 7440-41-7 | |
| Cadmium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/16/12 21:45 | 09/19/12 11:16 | 7440-43-9 | |
| Calcium | **76.2** | mg/L | 0.50 | 0.25 | 1 | 09/16/12 21:45 | 09/19/12 11:16 | 7440-70-2 | |
| Chromium | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/16/12 21:45 | 09/19/12 11:16 | 7440-47-3 | |
| Cobalt | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/16/12 21:45 | 09/19/12 11:16 | 7440-48-4 | |
| Copper | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/16/12 21:45 | 09/19/12 11:16 | 7440-50-8 | |
| Iron | **2150** | ug/L | 40.0 | 20.0 | 1 | 09/16/12 21:45 | 09/19/12 11:16 | 7439-89-6 | |
| Lead | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/16/12 21:45 | 09/19/12 11:16 | 7439-92-1 | |
| Magnesium | **10.7** | mg/L | 0.50 | 0.25 | 1 | 09/16/12 21:45 | 09/19/12 11:16 | 7439-95-4 | |
| Manganese | **9.3** | ug/L | 5.0 | 2.5 | 1 | 09/16/12 21:45 | 09/19/12 11:16 | 7439-96-5 | |
| Nickel | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/16/12 21:45 | 09/19/12 11:16 | 7440-02-0 | |
| Potassium | **1.1** | mg/L | 1.0 | 0.50 | 1 | 09/16/12 21:45 | 09/19/12 11:16 | 7440-09-7 | |
| Selenium | **7.5U** | ug/L | 15.0 | 7.5 | 1 | 09/16/12 21:45 | 09/19/12 11:16 | 7782-49-2 | |
| Silver | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/16/12 21:45 | 09/19/12 11:16 | 7440-22-4 | |
| Sodium | **15.9** | mg/L | 1.0 | 0.50 | 1 | 09/16/12 21:45 | 09/19/12 11:16 | 7440-23-5 | |
| Vanadium | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/16/12 21:45 | 09/19/12 11:16 | 7440-62-2 | |
| Zinc | **10.0U** | ug/L | 20.0 | 10.0 | 1 | 09/16/12 21:45 | 09/19/12 11:16 | 7440-66-6 | |
| **6020 MET ICPMS** | Analytical Method: EPA 6020 Preparation Method: EPA 3010 | | | | | | | | |
| Antimony | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/16/12 21:45 | 09/18/12 15:55 | 7440-36-0 | |
| Thallium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/16/12 21:45 | 09/18/12 15:55 | 7440-28-0 | |
| **7470 Mercury** | Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | |
| Mercury | **0.10U** | ug/L | 0.20 | 0.10 | 1 | 09/18/12 02:00 | 09/18/12 10:05 | 7439-97-6 | |
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Acetone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 03:05 | 67-64-1 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 03:05 | 107-13-1 | L3 |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/26/12 03:05 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/26/12 03:05 | 75-27-4 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-1R** **Lab ID: 3567547023** Collected: 09/14/12 13:50 Received: 09/15/12 00:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 03:05 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 03:05 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 67-66-3 | |
| Chloromethane | **0.68 I** | ug/L | 1.0 | 0.62 | 1 | | 09/26/12 03:05 | 74-87-3 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/26/12 03:05 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 74-95-3 | |
| 1,2-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 95-50-1 | |
| 1,4-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 03:05 | 110-57-6 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 78-87-5 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 03:05 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 03:05 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 100-41-4 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 03:05 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 74-88-4 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/26/12 03:05 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 03:05 | 108-10-1 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/26/12 03:05 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 108-88-3 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/26/12 03:05 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/26/12 03:05 | 108-05-4 | L3 |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 03:05 | 1330-20-7 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 101 | % | 70-114 | | 1 | | 09/26/12 03:05 | 460-00-4 | |
| Dibromofluoromethane (S) | 98 | % | 88-117 | | 1 | | 09/26/12 03:05 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 105 | % | 86-125 | | 1 | | 09/26/12 03:05 | 17060-07-0 | |
| Toluene-d8 (S) | 99 | % | 87-113 | | 1 | | 09/26/12 03:05 | 2037-26-5 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: MW-1R** **Lab ID: 3567547023** Collected: 09/14/12 13:50 Received: 09/15/12 00:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **2320B Alkalinity** | Analytical Method: SM 2320B | | | | | | | | |
| Alkalinity,Bicarbonate (CaCO3) | **208** | mg/L | 25.0 | 25.0 | 5 | | 09/21/12 20:06 | | |
| Alkalinity, Carbonate (CaCO3) | **25.0U** | mg/L | 25.0 | 25.0 | 5 | | 09/21/12 20:06 | | |
| Alkalinity, Total as CaCO3 | **208** | mg/L | 25.0 | 25.0 | 5 | | 09/21/12 20:06 | | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **311** | mg/L | 5.0 | 5.0 | 1 | | 09/20/12 15:17 | | |
| **300.0 IC Anions** | Analytical Method: EPA 300.0 | | | | | | | | |
| Nitrate as N | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/15/12 14:27 | 14797-55-8 | |
| Nitrite as N | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/15/12 14:27 | 14797-65-0 | |
| Nitrogen, NO2 plus NO3 | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/15/12 14:27 | | |
| **300.0 IC Anions 28 Days** | Analytical Method: EPA 300.0 | | | | | | | | |
| Chloride | **31.1** | mg/L | 5.0 | 2.5 | 1 | | 09/15/12 14:27 | 16887-00-6 | |
| Sulfate | **5.5** | mg/L | 5.0 | 2.5 | 1 | | 09/15/12 14:27 | 14808-79-8 | |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **0.36** | mg/L | 0.050 | 0.020 | 1 | | 10/02/12 09:55 | 7664-41-7 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Trip Blank #4** **Lab ID: 3567547024** Collected: 09/14/12 08:00 Received: 09/15/12 00:30 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 | | 09/25/12 23:11 | 67-64-1 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 23:11 | 107-13-1 | L3 |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/25/12 23:11 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/25/12 23:11 | 75-27-4 | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 23:11 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 23:11 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/25/12 23:11 | 74-87-3 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/25/12 23:11 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 74-95-3 | |
| 1,2-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 95-50-1 | |
| 1,4-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 23:11 | 110-57-6 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 78-87-5 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/25/12 23:11 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/25/12 23:11 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 100-41-4 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 23:11 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 74-88-4 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/25/12 23:11 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 23:11 | 108-10-1 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/25/12 23:11 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 108-88-3 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/25/12 23:11 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/25/12 23:11 | 108-05-4 | L3 |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:11 | 1330-20-7 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Trip Blank #4** **Lab ID: 3567547024** Collected: 09/14/12 08:00 Received: 09/15/12 00:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 101 | % | 70-114 | | 1 | | 09/25/12 23:11 | 460-00-4 | |
| Dibromofluoromethane (S) | 97 | % | 88-117 | | 1 | | 09/25/12 23:11 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 105 | % | 86-125 | | 1 | | 09/25/12 23:11 | 17060-07-0 | |
| Toluene-d8 (S) | 99 | % | 87-113 | | 1 | | 09/25/12 23:11 | 2037-26-5 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Equip. Blank #4** **Lab ID: 3567547025** Collected: 09/18/12 09:15 Received: 09/19/12 03:30 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 | 09/20/12 10:00 | 09/21/12 04:34 | 96-12-8 | |
| 1,2-Dibromoethane (EDB) | **0.0062U** | ug/L | 0.010 | 0.0062 | 1 | 09/20/12 10:00 | 09/21/12 04:34 | 106-93-4 | |
| **8081 GCS Pesticides** | Analytical Method: EPA 8081 Preparation Method: EPA 3510 | | | | | | | | |
| Aldrin | **0.00048U** | ug/L | 0.0097 | 0.00048 | 1 | 09/20/12 18:30 | 09/21/12 21:46 | 309-00-2 | |
| alpha-BHC | **0.00029U** | ug/L | 0.0097 | 0.00029 | 1 | 09/20/12 18:30 | 09/21/12 21:46 | 319-84-6 | |
| beta-BHC | **0.00048U** | ug/L | 0.0097 | 0.00048 | 1 | 09/20/12 18:30 | 09/21/12 21:46 | 319-85-7 | |
| delta-BHC | **0.00039U** | ug/L | 0.0097 | 0.00039 | 1 | 09/20/12 18:30 | 09/21/12 21:46 | 319-86-8 | |
| gamma-BHC (Lindane) | **0.00019U** | ug/L | 0.0097 | 0.00019 | 1 | 09/20/12 18:30 | 09/21/12 21:46 | 58-89-9 | |
| Chlordane (Technical) | **0.077U** | ug/L | 0.48 | 0.077 | 1 | 09/20/12 18:30 | 09/21/12 21:46 | 57-74-9 | |
| Chlorobenzilate | **0.020U** | ug/L | 0.097 | 0.020 | 1 | 09/20/12 18:30 | 09/21/12 21:46 | 510-15-6 | |
| 4,4'-DDD | **0.0018U** | ug/L | 0.0097 | 0.0018 | 1 | 09/20/12 18:30 | 09/21/12 21:46 | 72-54-8 | |
| 4,4'-DDE | **0.00087U** | ug/L | 0.0097 | 0.00087 | 1 | 09/20/12 18:30 | 09/21/12 21:46 | 72-55-9 | |
| 4,4'-DDT | **0.0035U** | ug/L | 0.0097 | 0.0035 | 1 | 09/20/12 18:30 | 09/21/12 21:46 | 50-29-3 | |
| Dieldrin | **0.00048U** | ug/L | 0.0097 | 0.00048 | 1 | 09/20/12 18:30 | 09/21/12 21:46 | 60-57-1 | |
| Endosulfan I | **0.00068U** | ug/L | 0.0097 | 0.00068 | 1 | 09/20/12 18:30 | 09/21/12 21:46 | 959-98-8 | |
| Endosulfan II | **0.00068U** | ug/L | 0.0097 | 0.00068 | 1 | 09/20/12 18:30 | 09/21/12 21:46 | 33213-65-9 | |
| Endosulfan sulfate | **0.00058U** | ug/L | 0.0097 | 0.00058 | 1 | 09/20/12 18:30 | 09/21/12 21:46 | 1031-07-8 | |
| Endrin | **0.0016U** | ug/L | 0.0097 | 0.0016 | 1 | 09/20/12 18:30 | 09/21/12 21:46 | 72-20-8 | |
| Endrin aldehyde | **0.0069U** | ug/L | 0.0097 | 0.0069 | 1 | 09/20/12 18:30 | 09/21/12 21:46 | 7421-93-4 | |
| Heptachlor | **0.0014U** | ug/L | 0.0097 | 0.0014 | 1 | 09/20/12 18:30 | 09/21/12 21:46 | 76-44-8 | |
| Heptachlor epoxide | **0.00039U** | ug/L | 0.0097 | 0.00039 | 1 | 09/20/12 18:30 | 09/21/12 21:46 | 1024-57-3 | |
| Methoxychlor | **0.0068U** | ug/L | 0.0097 | 0.0068 | 1 | 09/20/12 18:30 | 09/21/12 21:46 | 72-43-5 | |
| Pentachloronitrobenzene | **0.014U** | ug/L | 0.097 | 0.014 | 1 | 09/20/12 18:30 | 09/21/12 21:46 | 82-68-8 | |
| Toxaphene | **0.28U** | ug/L | 0.48 | 0.28 | 1 | 09/20/12 18:30 | 09/21/12 21:46 | 8001-35-2 | |
| ***Surrogates*** | | | | | | | | | |
| Tetrachloro-m-xylene (S) | 84 | % | 66.5-120.3 | | 1 | 09/20/12 18:30 | 09/21/12 21:46 | 877-09-8 | |
| Decachlorobiphenyl (S) | 67 | % | 41.7-109.1 | | 1 | 09/20/12 18:30 | 09/21/12 21:46 | 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 | 09/20/12 18:30 | 09/21/12 23:21 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | **0.078U** | ug/L | 0.48 | 0.078 | 1 | 09/20/12 18:30 | 09/21/12 23:21 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | **0.11U** | ug/L | 0.48 | 0.11 | 1 | 09/20/12 18:30 | 09/21/12 23:21 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | **0.12U** | ug/L | 0.48 | 0.12 | 1 | 09/20/12 18:30 | 09/21/12 23:21 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | **0.27U** | ug/L | 0.48 | 0.27 | 1 | 09/20/12 18:30 | 09/21/12 23:21 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | **0.14U** | ug/L | 0.48 | 0.14 | 1 | 09/20/12 18:30 | 09/21/12 23:21 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | **0.11U** | ug/L | 0.48 | 0.11 | 1 | 09/20/12 18:30 | 09/21/12 23:21 | 11096-82-5 | |
| ***Surrogates*** | | | | | | | | | |
| Tetrachloro-m-xylene (S) | 91 | % | 48-111 | | 1 | 09/20/12 18:30 | 09/21/12 23:21 | 877-09-8 | |
| Decachlorobiphenyl (S) | 69 | % | 63-121 | | 1 | 09/20/12 18:30 | 09/21/12 23:21 | 2051-24-3 | |
| **8141 GCS O/P Pesticides** | Analytical Method: EPA 8141 Preparation Method: EPA 3510 | | | | | | | | |
| Dimethoate | **0.23U** | ug/L | 0.48 | 0.23 | 1 | 09/20/12 08:00 | 09/26/12 17:17 | 60-51-5 | |
| Disulfoton | **0.25U** | ug/L | 0.48 | 0.25 | 1 | 09/20/12 08:00 | 09/26/12 17:17 | 298-04-4 | |



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

Pace Analytical®
www.pacelabs.com

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Equip. Blank #4** **Lab ID: 3567547025** Collected: 09/18/12 09:15 Received: 09/19/12 03:30 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 | 0.48 | 0.28 | 1 | 09/20/12 08:00 | 09/26/12 17:17 | 52-85-7 | |
| Methyl parathion | **0.26U** | ug/L | 0.48 | 0.26 | 1 | 09/20/12 08:00 | 09/26/12 17:17 | 298-00-0 | |
| Parathion (Ethyl parathion) | **0.45U** | ug/L | 0.96 | 0.45 | 1 | 09/20/12 08:00 | 09/26/12 17:17 | 56-38-2 | |
| Phorate | **0.40U** | ug/L | 0.96 | 0.40 | 1 | 09/20/12 08:00 | 09/26/12 17:17 | 298-02-2 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Chloro3nitrobenzotrifluoride | 45 | % | 34.2-122 | | 1 | 09/20/12 08:00 | 09/26/12 17:17 | | |
| **8151 Chlorinated Herbicides** | Analytical Method: EPA 8151 Preparation Method: EPA 8151 | | | | | | | | |
| 2,4-D | **0.21U** | ug/L | 0.90 | 0.21 | 1 | 09/20/12 08:20 | 09/20/12 23:42 | 94-75-7 | |
| Dinoseb | **0.055U** | ug/L | 0.18 | 0.055 | 1 | 09/20/12 08:20 | 09/20/12 23:42 | 88-85-7 | |
| Pentachlorophenol | **0.016U** | ug/L | 0.027 | 0.016 | 1 | 09/20/12 08:20 | 09/20/12 23:42 | 87-86-5 | |
| 2,4,5-T | **0.040U** | ug/L | 0.18 | 0.040 | 1 | 09/20/12 08:20 | 09/20/12 23:42 | 93-76-5 | |
| 2,4,5-TP (Silvex) | **0.047U** | ug/L | 0.18 | 0.047 | 1 | 09/20/12 08:20 | 09/20/12 23:42 | 93-72-1 | |
| ***Surrogates*** | | | | | | | | | |
| 2,4-DCAA (S) | 85 | % | 42-142 | | 1 | 09/20/12 08:20 | 09/20/12 23:42 | 19719-28-9 | |
| **6010 MET ICP** | Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | |
| Arsenic | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/19/12 14:49 | 09/20/12 11:13 | 7440-38-2 | |
| Barium | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/19/12 14:49 | 09/20/12 11:13 | 7440-39-3 | |
| Beryllium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/19/12 14:49 | 09/20/12 11:13 | 7440-41-7 | |
| Cadmium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/19/12 14:49 | 09/20/12 11:13 | 7440-43-9 | |
| Calcium | **0.25U** | mg/L | 0.50 | 0.25 | 1 | 09/19/12 14:49 | 09/20/12 11:13 | 7440-70-2 | |
| Chromium | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/19/12 14:49 | 09/20/12 11:13 | 7440-47-3 | |
| Cobalt | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/19/12 14:49 | 09/20/12 11:13 | 7440-48-4 | |
| Copper | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/19/12 14:49 | 09/20/12 11:13 | 7440-50-8 | |
| Iron | **20.0U** | ug/L | 40.0 | 20.0 | 1 | 09/19/12 14:49 | 09/20/12 11:13 | 7439-89-6 | |
| Lead | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/19/12 14:49 | 09/20/12 11:13 | 7439-92-1 | |
| Magnesium | **0.25U** | mg/L | 0.50 | 0.25 | 1 | 09/19/12 14:49 | 09/20/12 11:13 | 7439-95-4 | |
| Nickel | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/19/12 14:49 | 09/20/12 11:13 | 7440-02-0 | |
| Potassium | **0.50U** | mg/L | 1.0 | 0.50 | 1 | 09/19/12 14:49 | 09/20/12 11:13 | 7440-09-7 | |
| Selenium | **7.5U** | ug/L | 15.0 | 7.5 | 1 | 09/19/12 14:49 | 09/20/12 11:13 | 7782-49-2 | |
| Silver | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/19/12 14:49 | 09/20/12 11:13 | 7440-22-4 | |
| Sodium | **0.50U** | mg/L | 1.0 | 0.50 | 1 | 09/19/12 14:49 | 09/20/12 11:13 | 7440-23-5 | |
| Tin | **25.0U** | ug/L | 50.0 | 25.0 | 1 | 09/19/12 14:49 | 09/20/12 11:13 | 7440-31-5 | |
| Vanadium | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/19/12 14:49 | 09/20/12 11:13 | 7440-62-2 | |
| Zinc | **10.0U** | ug/L | 20.0 | 10.0 | 1 | 09/19/12 14:49 | 09/20/12 11:13 | 7440-66-6 | |
| **6020 MET ICPMS** | Analytical Method: EPA 6020 Preparation Method: EPA 3010 | | | | | | | | |
| Antimony | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/19/12 14:49 | 09/21/12 03:52 | 7440-36-0 | |
| Thallium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/19/12 14:49 | 09/21/12 03:52 | 7440-28-0 | |
| **7470 Mercury** | Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | |
| Mercury | **0.10U** | ug/L | 0.20 | 0.10 | 1 | 09/21/12 03:30 | 09/21/12 12:46 | 7439-97-6 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Equip. Blank #4** **Lab ID: 3567547025** Collected: 09/18/12 09:15 Received: 09/19/12 03:30 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 | | | | | | | | |
| Acenaphthene | **0.17U** | ug/L | 4.7 | 0.17 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 83-32-9 | |
| Acenaphthylene | **1.7U** | ug/L | 4.7 | 1.7 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 208-96-8 | |
| Acetophenone | **1.4U** | ug/L | 4.7 | 1.4 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 98-86-2 | |
| 2-Acetylaminofluorene | **0.24U** | ug/L | 4.7 | 0.24 | 1 | 09/20/12 00:30 | 09/20/12 17:13 | 53-96-3 | |
| 4-Aminobiphenyl | **0.18U** | ug/L | 4.7 | 0.18 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 92-67-1 | |
| Anthracene | **0.17U** | ug/L | 4.7 | 0.17 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 120-12-7 | |
| Benzo(a)anthracene | **1.7U** | ug/L | 4.7 | 1.7 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 56-55-3 | |
| Benzo(a)pyrene | **0.13U** | ug/L | 0.95 | 0.13 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 50-32-8 | |
| Benzo(b)fluoranthene | **1.7U** | ug/L | 1.9 | 1.7 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 205-99-2 | |
| Benzo(g,h,i)perylene | **1.7U** | ug/L | 4.7 | 1.7 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 191-24-2 | |
| Benzo(k)fluoranthene | **0.10U** | ug/L | 3.8 | 0.10 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 207-08-9 | |
| Benzyl alcohol | **0.29U** | ug/L | 4.7 | 0.29 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 100-51-6 | |
| 4-Bromophenylphenyl ether | **0.24U** | ug/L | 4.7 | 0.24 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 101-55-3 | |
| Butylbenzylphthalate | **1.9U** | ug/L | 4.7 | 1.9 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 85-68-7 | |
| 4-Chloro-3-methylphenol | **0.28U** | ug/L | 19.0 | 0.28 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 59-50-7 | |
| 4-Chloroaniline | **0.19U** | ug/L | 4.7 | 0.19 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | **0.13U** | ug/L | 4.7 | 0.13 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 111-91-1 | |
| bis(2-Chloroethyl) ether | **0.20U** | ug/L | 3.8 | 0.20 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 111-44-4 | |
| bis(2-Chloroisopropyl) ether | **0.25U** | ug/L | 4.7 | 0.25 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 108-60-1 | |
| 2-Chloronaphthalene | **0.20U** | ug/L | 4.7 | 0.20 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 91-58-7 | |
| 2-Chlorophenol | **0.13U** | ug/L | 4.7 | 0.13 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | **1.8U** | ug/L | 4.7 | 1.8 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 7005-72-3 | |
| Chrysene | **0.17U** | ug/L | 4.7 | 0.17 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 218-01-9 | |
| Diallate | **0.20U** | ug/L | 4.7 | 0.20 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 2303-16-4 | |
| Dibenz(a,h)anthracene | **1.7U** | ug/L | 1.9 | 1.7 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 53-70-3 | |
| Dibenzofuran | **0.13U** | ug/L | 4.7 | 0.13 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 132-64-9 | |
| 1,2-Dichlorobenzene | **0.22U** | ug/L | 4.7 | 0.22 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 95-50-1 | |
| 1,3-Dichlorobenzene | **1.4U** | ug/L | 4.7 | 1.4 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 541-73-1 | |
| 1,4-Dichlorobenzene | **0.16U** | ug/L | 4.7 | 0.16 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | **0.19U** | ug/L | 9.5 | 0.19 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 91-94-1 | |
| 2,4-Dichlorophenol | **0.18U** | ug/L | 1.9 | 0.18 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 120-83-2 | |
| 2,6-Dichlorophenol | **0.22U** | ug/L | 3.8 | 0.22 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 87-65-0 | |
| Diethylphthalate | **0.19U** | ug/L | 4.7 | 0.19 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 84-66-2 | |
| P-Dimethylaminoazobenzene | **0.28U** | ug/L | 4.7 | 0.28 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 60-11-7 | |
| 7,12-Dimethylbenz(a)anthracene | **0.12U** | ug/L | 4.7 | 0.12 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 57-97-6 | |
| 3,3'-Dimethylbenzidine | **0.59U** | ug/L | 9.5 | 0.59 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 119-93-7 | |
| 2,4-Dimethylphenol | **0.26U** | ug/L | 4.7 | 0.26 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 105-67-9 | |
| a,a-Dimethylphenylethylamine | **9.5U** | ug/L | 19.0 | 9.5 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 122-09-8 | |
| Dimethylphthalate | **0.16U** | ug/L | 4.7 | 0.16 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 131-11-3 | |
| Di-n-butylphthalate | **0.17U** | ug/L | 4.7 | 0.17 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | **1.4U** | ug/L | 19.0 | 1.4 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 534-52-1 | |
| 1,2-Dinitrobenzene | **0.25U** | ug/L | 4.7 | 0.25 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 528-29-0 | |
| 1,3-Dinitrobenzene | **0.30U** | ug/L | 7.6 | 0.30 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 99-65-0 | |
| 2,4-Dinitrophenol | **1.1U** | ug/L | 19.0 | 1.1 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 51-28-5 | |
| 2,4-Dinitrotoluene | **0.13U** | ug/L | 1.9 | 0.13 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 121-14-2 | |
| 2,6-Dinitrotoluene | **0.21U** | ug/L | 1.9 | 0.21 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 606-20-2 | |



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

Pace Analytical®
www.pacelabs.com

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Equip. Blank #4** **Lab ID: 3567547025** Collected: 09/18/12 09:15 Received: 09/19/12 03:30 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-octylphthalate | **0.17U** | ug/L | 4.7 | 0.17 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | **0.92U** | ug/L | 4.7 | 0.92 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 117-81-7 | |
| Ethyl methanesulfonate | **0.22U** | ug/L | 4.7 | 0.22 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 62-50-0 | |
| Fluoranthene | **1.7U** | ug/L | 4.7 | 1.7 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 206-44-0 | |
| Fluorene | **1.6U** | ug/L | 4.7 | 1.6 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 86-73-7 | |
| Hexachlorobenzene | **0.18U** | ug/L | 0.95 | 0.18 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 118-74-1 | |
| Hexachlorocyclopentadiene | **1.0U** | ug/L | 4.7 | 1.0 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 77-47-4 | |
| Hexachloroethane | **0.23U** | ug/L | 4.7 | 0.23 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 67-72-1 | |
| Hexachloropropene | **0.23U** | ug/L | 4.7 | 0.23 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 1888-71-7 | |
| Indeno(1,2,3-cd)pyrene | **1.7U** | ug/L | 1.9 | 1.7 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 193-39-5 | |
| Isodrin | **0.29U** | ug/L | 4.7 | 0.29 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 465-73-6 | |
| Isophorone | **0.13U** | ug/L | 4.7 | 0.13 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 78-59-1 | |
| Isosafrole | **0.14U** | ug/L | 4.7 | 0.14 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 120-58-1 | |
| Kepone | **4.7U** | ug/L | 19.0 | 4.7 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 143-50-0 | |
| Methapyrilene | **0.50U** | ug/L | 4.7 | 0.50 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 91-80-5 | |
| 3-Methylcholanthrene | **0.13U** | ug/L | 4.7 | 0.13 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 56-49-5 | |
| Methyl methanesulfonate | **0.17U** | ug/L | 4.7 | 0.17 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 66-27-3 | |
| 1-Methylnaphthalene | **1.5U** | ug/L | 4.7 | 1.5 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 90-12-0 | N2 |
| 2-Methylnaphthalene | **0.13U** | ug/L | 4.7 | 0.13 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | **1.2U** | ug/L | 4.7 | 1.2 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | **0.15U** | ug/L | 9.5 | 0.15 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | | |
| 1-Naphthylamine | **0.27U** | ug/L | 4.7 | 0.27 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 134-32-7 | |
| 2-Naphthylamine | **0.27U** | ug/L | 4.7 | 0.27 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 91-59-8 | |
| Naphthalene | **0.19U** | ug/L | 4.7 | 0.19 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 91-20-3 | |
| 1,4-Naphthoquinone | **1.8U** | ug/L | 4.7 | 1.8 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 130-15-4 | |
| 2-Nitroaniline | **0.19U** | ug/L | 4.7 | 0.19 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 88-74-4 | |
| 3-Nitroaniline | **0.30U** | ug/L | 4.7 | 0.30 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 99-09-2 | |
| 4-Nitroaniline | **1.8U** | ug/L | 3.8 | 1.8 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 100-01-6 | |
| Nitrobenzene | **0.39U** | ug/L | 3.8 | 0.39 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 98-95-3 | |
| 2-Nitrophenol | **0.23U** | ug/L | 4.7 | 0.23 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 88-75-5 | |
| 4-Nitrophenol | **0.74U** | ug/L | 19.0 | 0.74 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 100-02-7 | |
| 5-Nitro-o-toluidine | **0.13U** | ug/L | 4.7 | 0.13 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 99-55-8 | |
| N-Nitrosodiethylamine | **0.21U** | ug/L | 3.8 | 0.21 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 55-18-5 | |
| N-Nitrosodimethylamine | **0.13U** | ug/L | 1.9 | 0.13 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 62-75-9 | |
| N-Nitroso-di-n-butylamine | **0.21U** | ug/L | 3.8 | 0.21 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 924-16-3 | |
| N-Nitroso-di-n-propylamine | **0.25U** | ug/L | 3.8 | 0.25 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 621-64-7 | |
| N-Nitrosodiphenylamine | **0.12U** | ug/L | 4.7 | 0.12 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 86-30-6 | |
| N-Nitrosomethylethylamine | **0.32U** | ug/L | 4.7 | 0.32 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 10595-95-6 | |
| N-Nitrosopiperidine | **0.24U** | ug/L | 4.7 | 0.24 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 100-75-4 | |
| N-Nitrosopyrrolidine | **0.21U** | ug/L | 4.7 | 0.21 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 930-55-2 | |
| O,O,O-Triethylphosphorothioate | **0.25U** | ug/L | 4.7 | 0.25 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 126-68-1 | |
| Parathion (Ethyl parathion) | **0.16U** | ug/L | 4.7 | 0.16 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 56-38-2 | N2 |
| Pentachlorobenzene | **0.19U** | ug/L | 4.7 | 0.19 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 608-93-5 | |
| Pentachlorophenol | **1.1U** | ug/L | 19.0 | 1.1 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 87-86-5 | |
| Phenacetin | **0.19U** | ug/L | 4.7 | 0.19 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 62-44-2 | |
| Phenanthrene | **0.12U** | ug/L | 4.7 | 0.12 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 85-01-8 | |



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

Pace Analytical®
www.pacelabs.com

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Equip. Blank #4** **Lab ID: 3567547025** Collected: 09/18/12 09:15 Received: 09/19/12 03:30 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 | | | | | | | | |
| Phenol | **0.13U** | ug/L | 4.7 | 0.13 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 108-95-2 | |
| p-Phenylenediamine | **9.5U** | ug/L | 19.0 | 9.5 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 106-50-3 | |
| Pronamide | **0.19U** | ug/L | 4.7 | 0.19 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 23950-58-5 | |
| Pyrene | **1.6U** | ug/L | 4.7 | 1.6 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 129-00-0 | |
| Safrole | **0.22U** | ug/L | 4.7 | 0.22 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 94-59-7 | |
| 1,2,4,5-Tetrachlorobenzene | **1.4U** | ug/L | 4.7 | 1.4 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 95-94-3 | |
| 2,3,4,6-Tetrachlorophenol | **1.5U** | ug/L | 4.7 | 1.5 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 58-90-2 | |
| Thionazin | **0.26U** | ug/L | 4.7 | 0.26 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 297-97-2 | |
| O-Toluidine | **0.24U** | ug/L | 4.7 | 0.24 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 95-53-4 | |
| 1,2,4-Trichlorobenzene | **0.20U** | ug/L | 4.7 | 0.20 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 120-82-1 | |
| 2,4,5-Trichlorophenol | **0.16U** | ug/L | 3.8 | 0.16 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 95-95-4 | |
| 2,4,6-Trichlorophenol | **0.18U** | ug/L | 1.9 | 0.18 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 88-06-2 | |
| 1,3,5-Trinitrobenzene | **0.18U** | ug/L | 4.7 | 0.18 | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 99-35-4 | |
| ***Surrogates*** | | | | | | | | | |
| Nitrobenzene-d5 (S) | 61 | % | 22-120 | | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 60 | % | 34-120 | | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 321-60-8 | |
| Terphenyl-d14 (S) | 71 | % | 39-138 | | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 1718-51-0 | |
| Phenol-d6 (S) | 14 | % | 10-120 | | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 13127-88-3 | |
| 2-Fluorophenol (S) | 24 | % | 10-120 | | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 71 | % | 35-146 | | 1 | 09/20/12 00:30 | 09/20/12 09:36 | 118-79-6 | |
| **8270 MSSV PAH by SCAN** | Analytical Method: EPA 8270 by SCAN Preparation Method: EPA 3510 | | | | | | | | |
| Acenaphthene | **0.019U** | ug/L | 0.98 | 0.019 | 1 | 09/19/12 15:00 | 09/20/12 10:32 | 83-32-9 | |
| Acenaphthylene | **0.018U** | ug/L | 2.0 | 0.018 | 1 | 09/19/12 15:00 | 09/20/12 10:32 | 208-96-8 | |
| Anthracene | **0.019U** | ug/L | 0.98 | 0.019 | 1 | 09/19/12 15:00 | 09/20/12 10:32 | 120-12-7 | |
| Benzo(a)anthracene | **0.013U** | ug/L | 0.20 | 0.013 | 1 | 09/19/12 15:00 | 09/20/12 10:32 | 56-55-3 | |
| Benzo(a)pyrene | **0.022U** | ug/L | 0.20 | 0.022 | 1 | 09/19/12 15:00 | 09/20/12 10:32 | 50-32-8 | |
| Benzo(b)fluoranthene | **0.016U** | ug/L | 0.098 | 0.016 | 1 | 09/19/12 15:00 | 09/20/12 10:32 | 205-99-2 | |
| Benzo(g,h,i)perylene | **0.017U** | ug/L | 0.98 | 0.017 | 1 | 09/19/12 15:00 | 09/20/12 10:32 | 191-24-2 | |
| Benzo(k)fluoranthene | **0.023U** | ug/L | 0.25 | 0.023 | 1 | 09/19/12 15:00 | 09/20/12 10:32 | 207-08-9 | |
| Chrysene | **0.015U** | ug/L | 0.98 | 0.015 | 1 | 09/19/12 15:00 | 09/20/12 10:32 | 218-01-9 | |
| Dibenz(a,h)anthracene | **0.019U** | ug/L | 0.20 | 0.019 | 1 | 09/19/12 15:00 | 09/20/12 10:32 | 53-70-3 | |
| Fluoranthene | **0.012U** | ug/L | 0.98 | 0.012 | 1 | 09/19/12 15:00 | 09/20/12 10:32 | 206-44-0 | |
| Fluorene | **0.011U** | ug/L | 0.98 | 0.011 | 1 | 09/19/12 15:00 | 09/20/12 10:32 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | **0.019U** | ug/L | 0.15 | 0.019 | 1 | 09/19/12 15:00 | 09/20/12 10:32 | 193-39-5 | |
| 1-Methylnaphthalene | **0.016U** | ug/L | 1.5 | 0.016 | 1 | 09/19/12 15:00 | 09/20/12 10:32 | 90-12-0 | |
| 2-Methylnaphthalene | **0.013U** | ug/L | 1.5 | 0.013 | 1 | 09/19/12 15:00 | 09/20/12 10:32 | 91-57-6 | |
| Naphthalene | **0.054 I** | ug/L | 0.98 | 0.015 | 1 | 09/19/12 15:00 | 09/20/12 10:32 | 91-20-3 | V |
| Phenanthrene | **0.016U** | ug/L | 0.98 | 0.016 | 1 | 09/19/12 15:00 | 09/20/12 10:32 | 85-01-8 | |
| Pyrene | **0.0098U** | ug/L | 0.98 | 0.0098 | 1 | 09/19/12 15:00 | 09/20/12 10:32 | 129-00-0 | |
| ***Surrogates*** | | | | | | | | | |
| 2-Fluorobiphenyl (S) | 88 | % | 43.9-113 | | 1 | 09/19/12 15:00 | 09/20/12 10:32 | 321-60-8 | |
| Terphenyl-d14 (S) | 82 | % | 24.8-144 | | 1 | 09/19/12 15:00 | 09/20/12 10:32 | 1718-51-0 | |
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Acetone | **6.2 I** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 00:53 | 67-64-1 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Equip. Blank #4** **Lab ID: 3567547025** Collected: 09/18/12 09:15 Received: 09/19/12 03:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Acetonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 00:53 | 75-05-8 | L3 |
| Acrolein | **10.0U** | ug/L | 20.0 | 10.0 | 1 | | 09/26/12 00:53 | 107-02-8 | L3 |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 00:53 | 107-13-1 | L3 |
| Allyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 107-05-1 | L3 |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/26/12 00:53 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/26/12 00:53 | 75-27-4 | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 00:53 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 00:53 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/26/12 00:53 | 74-87-3 | |
| Chloroprene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 126-99-8 | L3 |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/26/12 00:53 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 74-95-3 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 00:53 | 110-57-6 | |
| Dichlorodifluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 75-71-8 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 78-87-5 | |
| 1,3-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 142-28-9 | |
| 2,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 594-20-7 | |
| 1,1-Dichloropropene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 563-58-6 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 00:53 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 00:53 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 100-41-4 | |
| Ethyl methacrylate | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 97-63-2 | |
| Hexachloro-1,3-butadiene | **0.40U** | ug/L | 1.0 | 0.40 | 1 | | 09/26/12 00:53 | 87-68-3 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 00:53 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 74-88-4 | |
| Isobutyl Alcohol | **10.0U** | ug/L | 20.0 | 10.0 | 1 | | 09/26/12 00:53 | 78-83-1 | |
| Methacrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 00:53 | 126-98-7 | L3 |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/26/12 00:53 | 75-09-2 | |
| Methyl methacrylate | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 00:53 | 80-62-6 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 00:53 | 108-10-1 | |
| Propionitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 00:53 | 107-12-0 | L3 |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/26/12 00:53 | 79-34-5 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Equip. Blank #4** **Lab ID: 3567547025** Collected: 09/18/12 09:15 Received: 09/19/12 03:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 108-88-3 | |
| 1,2,4-Trichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 120-82-1 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/26/12 00:53 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/26/12 00:53 | 108-05-4 | L3 |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 00:53 | 1330-20-7 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 99 | % | 70-114 | | 1 | | 09/26/12 00:53 | 460-00-4 | |
| Dibromofluoromethane (S) | 98 | % | 88-117 | | 1 | | 09/26/12 00:53 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 106 | % | 86-125 | | 1 | | 09/26/12 00:53 | 17060-07-0 | |
| Toluene-d8 (S) | 99 | % | 87-113 | | 1 | | 09/26/12 00:53 | 2037-26-5 | |
| **2320B Alkalinity** | Analytical Method: SM 2320B | | | | | | | | |
| Alkalinity, Carbonate (CaCO3) | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/25/12 00:04 | | |
| Alkalinity, Total as CaCO3 | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/25/12 00:04 | | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/21/12 15:21 | | |
| **4500S2E Sulfide, Iodometric** | Analytical Method: SM 4500-S2E | | | | | | | | |
| Sulfide | **1.0U** | mg/L | 1.0 | 1.0 | 1 | | 09/19/12 15:30 | 18496-25-8 | |
| **5210B BOD, 5 day** | Analytical Method: SM 5210B | | | | | | | | |
| BOD, 5 day | **2.0U** | mg/L | 2.0 | 2.0 | 1 | 09/19/12 18:00 | 09/24/12 18:48 | | |
| **300.0 IC Anions** | Analytical Method: EPA 300.0 | | | | | | | | |
| Nitrate as N | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/19/12 12:57 | 14797-55-8 | |
| Nitrite as N | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/19/12 12:57 | 14797-65-0 | |
| Nitrogen, NO2 plus NO3 | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/19/12 12:57 | | |
| **300.0 IC Anions 28 Days** | Analytical Method: EPA 300.0 | | | | | | | | |
| Chloride | **2.5U** | mg/L | 5.0 | 2.5 | 1 | | 09/19/12 12:57 | 16887-00-6 | |
| Sulfate | **2.5U** | mg/L | 5.0 | 2.5 | 1 | | 09/19/12 12:57 | 14808-79-8 | |
| **335.4 Cyanide, Total** | Analytical Method: EPA 335.4 Preparation Method: EPA 335.4 | | | | | | | | |
| Cyanide | **0.0050U** | mg/L | 0.010 | 0.0050 | 1 | 09/26/12 12:30 | 09/27/12 09:59 | 57-12-5 | J(M1) |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **0.020U** | mg/L | 0.050 | 0.020 | 1 | | 09/26/12 11:21 | 7664-41-7 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Equip. Blank #4** **Lab ID: 3567547025** Collected: 09/18/12 09:15 Received: 09/19/12 03:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **410.4 COD** | Analytical Method: EPA 410.4 | | | | | | | | |
| Chemical Oxygen Demand | **12.5U** | mg/L | 20.0 | 12.5 | 1 | | 09/25/12 12:33 | | |



**REPORT OF LABORATORY ANALYSIS**



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Trip Blank #5** **Lab ID: 3567547026** Collected: 09/18/12 08:00 Received: 09/19/12 03:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Acetone | **7.0 I** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 23:37 | 67-64-1 | |
| Acetonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 23:37 | 75-05-8 | L3 |
| Acrolein | **10.0U** | ug/L | 20.0 | 10.0 | 1 | | 09/25/12 23:37 | 107-02-8 | L3 |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 23:37 | 107-13-1 | L3 |
| Allyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 107-05-1 | L3 |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/25/12 23:37 | 71-43-2 | |
| Bromochloromethane | **0.56 I** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/25/12 23:37 | 75-27-4 | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 23:37 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 23:37 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/25/12 23:37 | 74-87-3 | |
| Chloroprene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 126-99-8 | L3 |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/25/12 23:37 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 74-95-3 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 23:37 | 110-57-6 | |
| Dichlorodifluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 75-71-8 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 78-87-5 | |
| 1,3-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 142-28-9 | |
| 2,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 594-20-7 | |
| 1,1-Dichloropropene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 563-58-6 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/25/12 23:37 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/25/12 23:37 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 100-41-4 | |
| Ethyl methacrylate | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 97-63-2 | |
| Hexachloro-1,3-butadiene | **0.40U** | ug/L | 1.0 | 0.40 | 1 | | 09/25/12 23:37 | 87-68-3 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 23:37 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 74-88-4 | |
| Isobutyl Alcohol | **10.0U** | ug/L | 20.0 | 10.0 | 1 | | 09/25/12 23:37 | 78-83-1 | |
| Methacrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 23:37 | 126-98-7 | L3 |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/25/12 23:37 | 75-09-2 | |
| Methyl methacrylate | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 23:37 | 80-62-6 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 23:37 | 108-10-1 | |
| Propionitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/25/12 23:37 | 107-12-0 | L3 |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 630-20-6 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Trip Blank #5** **Lab ID: 3567547026** Collected: 09/18/12 08:00 Received: 09/19/12 03:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/25/12 23:37 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 108-88-3 | |
| 1,2,4-Trichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 120-82-1 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/25/12 23:37 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/25/12 23:37 | 108-05-4 | L3 |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/25/12 23:37 | 1330-20-7 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 99 | % | 70-114 | | 1 | | 09/25/12 23:37 | 460-00-4 | |
| Dibromofluoromethane (S) | 97 | % | 88-117 | | 1 | | 09/25/12 23:37 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 104 | % | 86-125 | | 1 | | 09/25/12 23:37 | 17060-07-0 | |
| Toluene-d8 (S) | 98 | % | 87-113 | | 1 | | 09/25/12 23:37 | 2037-26-5 | |



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

Pace Analytical®
www.pacelabs.com

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Trip Blank #7** **Lab ID: 3567547030** Collected: 09/18/12 08:00 Received: 09/19/12 03:30 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 | | 09/26/12 09:12 | 67-64-1 | |
| Acetonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 09:12 | 75-05-8 | |
| Acrolein | **10.0U** | ug/L | 20.0 | 10.0 | 1 | | 09/26/12 09:12 | 107-02-8 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 09:12 | 107-13-1 | |
| Allyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 107-05-1 | |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/26/12 09:12 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/26/12 09:12 | 75-27-4 | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 09:12 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 09:12 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/26/12 09:12 | 74-87-3 | |
| Chloroprene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 126-99-8 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/26/12 09:12 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 74-95-3 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 09:12 | 110-57-6 | |
| Dichlorodifluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 75-71-8 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 78-87-5 | |
| 1,3-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 142-28-9 | |
| 2,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 594-20-7 | |
| 1,1-Dichloropropene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 563-58-6 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 09:12 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 09:12 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 100-41-4 | |
| Ethyl methacrylate | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 97-63-2 | |
| Hexachloro-1,3-butadiene | **0.40U** | ug/L | 1.0 | 0.40 | 1 | | 09/26/12 09:12 | 87-68-3 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 09:12 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 74-88-4 | |
| Isobutyl Alcohol | **10.0U** | ug/L | 20.0 | 10.0 | 1 | | 09/26/12 09:12 | 78-83-1 | |
| Methacrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 09:12 | 126-98-7 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/26/12 09:12 | 75-09-2 | |
| Methyl methacrylate | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 09:12 | 80-62-6 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 09:12 | 108-10-1 | |
| Propionitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 09:12 | 107-12-0 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 630-20-6 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Trip Blank #7** **Lab ID: 3567547030** Collected: 09/18/12 08:00 Received: 09/19/12 03:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/26/12 09:12 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 127-18-4 | |
| Toluene | **0.60 I** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 108-88-3 | |
| 1,2,4-Trichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 120-82-1 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/26/12 09:12 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/26/12 09:12 | 108-05-4 | |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 09:12 | 1330-20-7 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 84 | % | 70-114 | | 1 | | 09/26/12 09:12 | 460-00-4 | |
| Dibromofluoromethane (S) | 97 | % | 88-117 | | 1 | | 09/26/12 09:12 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 108 | % | 86-125 | | 1 | | 09/26/12 09:12 | 17060-07-0 | |
| Toluene-d8 (S) | 106 | % | 87-113 | | 1 | | 09/26/12 09:12 | 2037-26-5 | |



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

Pace Analytical®
www.pacelabs.com

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Gas Condensate** **Lab ID: 3567547031** Collected: 09/18/12 12:50 Received: 09/19/12 03:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **Field Data** | Analytical Method: | | | | | | | | |
| Field pH | **7.45** | Std. Units | 0.10 | 0.10 | 1 | | 09/18/12 12:50 | | |
| Field Temperature | **32.81** | deg C | 0.50 | 0.50 | 1 | | 09/18/12 12:50 | | |
| Field Specific Conductance | **7515** | umhos/cm | 1.0 | 1.0 | 1 | | 09/18/12 12:50 | | |
| Oxygen, Dissolved | **2.12** | mg/L | | | 1 | | 09/18/12 12:50 | 7782-44-7 | |
| Turbidity | **4.20** | NTU | 1.0 | 1.0 | 1 | | 09/18/12 12:50 | | |
| **8011 GCS EDB and DBCP** | Analytical Method: EPA 8011 Preparation Method: EPA 8011 | | | | | | | | |
| 1,2-Dibromo-3-chloropropane | **0.0048U** | ug/L | 0.020 | 0.0048 | 1 | 09/24/12 13:00 | 09/25/12 11:14 | 96-12-8 | |
| 1,2-Dibromoethane (EDB) | **0.0061U** | ug/L | 0.0099 | 0.0061 | 1 | 09/24/12 13:00 | 09/25/12 11:14 | 106-93-4 | |
| **8081 GCS Pesticides** | Analytical Method: EPA 8081 Preparation Method: EPA 3510 | | | | | | | | |
| Aldrin | **0.00048U** | ug/L | 0.0095 | 0.00048 | 1 | 09/20/12 18:30 | 09/21/12 22:43 | 309-00-2 | |
| alpha-BHC | **0.00029U** | ug/L | 0.0095 | 0.00029 | 1 | 09/20/12 18:30 | 09/21/12 22:43 | 319-84-6 | |
| beta-BHC | **0.00048U** | ug/L | 0.0095 | 0.00048 | 1 | 09/20/12 18:30 | 09/21/12 22:43 | 319-85-7 | |
| delta-BHC | **0.00038U** | ug/L | 0.0095 | 0.00038 | 1 | 09/20/12 18:30 | 09/21/12 22:43 | 319-86-8 | |
| gamma-BHC (Lindane) | **0.00019U** | ug/L | 0.0095 | 0.00019 | 1 | 09/20/12 18:30 | 09/21/12 22:43 | 58-89-9 | |
| Chlordane (Technical) | **0.076U** | ug/L | 0.48 | 0.076 | 1 | 09/20/12 18:30 | 09/21/12 22:43 | 57-74-9 | |
| Chlorobenzilate | **0.020U** | ug/L | 0.095 | 0.020 | 1 | 09/20/12 18:30 | 09/21/12 22:43 | 510-15-6 | |
| 4,4'-DDD | **0.0018U** | ug/L | 0.0095 | 0.0018 | 1 | 09/20/12 18:30 | 09/21/12 22:43 | 72-54-8 | |
| 4,4'-DDE | **0.00086U** | ug/L | 0.0095 | 0.00086 | 1 | 09/20/12 18:30 | 09/21/12 22:43 | 72-55-9 | |
| 4,4'-DDT | **0.0034U** | ug/L | 0.0095 | 0.0034 | 1 | 09/20/12 18:30 | 09/21/12 22:43 | 50-29-3 | |
| Dieldrin | **0.00048U** | ug/L | 0.0095 | 0.00048 | 1 | 09/20/12 18:30 | 09/21/12 22:43 | 60-57-1 | |
| Endosulfan I | **0.00067U** | ug/L | 0.0095 | 0.00067 | 1 | 09/20/12 18:30 | 09/21/12 22:43 | 959-98-8 | |
| Endosulfan II | **0.00067U** | ug/L | 0.0095 | 0.00067 | 1 | 09/20/12 18:30 | 09/21/12 22:43 | 33213-65-9 | |
| Endosulfan sulfate | **0.00057U** | ug/L | 0.0095 | 0.00057 | 1 | 09/20/12 18:30 | 09/21/12 22:43 | 1031-07-8 | |
| Endrin | **0.0016U** | ug/L | 0.0095 | 0.0016 | 1 | 09/20/12 18:30 | 09/21/12 22:43 | 72-20-8 | |
| Endrin aldehyde | **0.0068U** | ug/L | 0.0095 | 0.0068 | 1 | 09/20/12 18:30 | 09/21/12 22:43 | 7421-93-4 | |
| Heptachlor | **0.0014U** | ug/L | 0.0095 | 0.0014 | 1 | 09/20/12 18:30 | 09/21/12 22:43 | 76-44-8 | |
| Heptachlor epoxide | **0.00038U** | ug/L | 0.0095 | 0.00038 | 1 | 09/20/12 18:30 | 09/21/12 22:43 | 1024-57-3 | |
| Methoxychlor | **0.0067U** | ug/L | 0.0095 | 0.0067 | 1 | 09/20/12 18:30 | 09/21/12 22:43 | 72-43-5 | |
| Pentachloronitrobenzene | **0.014U** | ug/L | 0.095 | 0.014 | 1 | 09/20/12 18:30 | 09/21/12 22:43 | 82-68-8 | |
| Toxaphene | **0.27U** | ug/L | 0.48 | 0.27 | 1 | 09/20/12 18:30 | 09/21/12 22:43 | 8001-35-2 | |
| ***Surrogates*** | | | | | | | | | |
| Tetrachloro-m-xylene (S) | 10 | % | 66.5-120.3 | | 1 | 09/20/12 18:30 | 09/21/12 22:43 | 877-09-8 | J(S2) |
| Decachlorobiphenyl (S) | 6 | % | 41.7-109.1 | | 1 | 09/20/12 18:30 | 09/21/12 22:43 | 2051-24-3 | J(S2) |
| **8082 GCS PCB** | Analytical Method: EPA 8082 Preparation Method: EPA 3510 | | | | | | | | |
| PCB-1016 (Aroclor 1016) | **0.076U** | ug/L | 0.48 | 0.076 | 1 | 09/20/12 18:30 | 09/21/12 19:09 | 12674-11-2 | |
| PCB-1221 (Aroclor 1221) | **0.077U** | ug/L | 0.48 | 0.077 | 1 | 09/20/12 18:30 | 09/21/12 19:09 | 11104-28-2 | |
| PCB-1232 (Aroclor 1232) | **0.11U** | ug/L | 0.48 | 0.11 | 1 | 09/20/12 18:30 | 09/21/12 19:09 | 11141-16-5 | |
| PCB-1242 (Aroclor 1242) | **0.12U** | ug/L | 0.48 | 0.12 | 1 | 09/20/12 18:30 | 09/21/12 19:09 | 53469-21-9 | |
| PCB-1248 (Aroclor 1248) | **0.26U** | ug/L | 0.48 | 0.26 | 1 | 09/20/12 18:30 | 09/21/12 19:09 | 12672-29-6 | |
| PCB-1254 (Aroclor 1254) | **0.14U** | ug/L | 0.48 | 0.14 | 1 | 09/20/12 18:30 | 09/21/12 19:09 | 11097-69-1 | |
| PCB-1260 (Aroclor 1260) | **0.11U** | ug/L | 0.48 | 0.11 | 1 | 09/20/12 18:30 | 09/21/12 19:09 | 11096-82-5 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Gas Condensate** **Lab ID: 3567547031** Collected: 09/18/12 12:50 Received: 09/19/12 03:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8082 GCS PCB** | Analytical Method: EPA 8082 Preparation Method: EPA 3510 | | | | | | | | |
| ***Surrogates*** | | | | | | | | | |
| Tetrachloro-m-xylene (S) | 205 | % | 48-111 | | 1 | 09/20/12 18:30 | 09/21/12 19:09 | 877-09-8 | S3 |
| Decachlorobiphenyl (S) | 77 | % | 63-121 | | 1 | 09/20/12 18:30 | 09/21/12 19:09 | 2051-24-3 | |
| **8141 GCS O/P Pesticides** | Analytical Method: EPA 8141 Preparation Method: EPA 3510 | | | | | | | | |
| Dimethoate | **0.23U** | ug/L | 0.48 | 0.23 | 1 | 09/20/12 08:00 | 09/26/12 19:15 | 60-51-5 | |
| Disulfoton | **0.24U** | ug/L | 0.48 | 0.24 | 1 | 09/20/12 08:00 | 09/26/12 19:15 | 298-04-4 | |
| Famphur | **0.28U** | ug/L | 0.48 | 0.28 | 1 | 09/20/12 08:00 | 09/26/12 19:15 | 52-85-7 | |
| Methyl parathion | **0.26U** | ug/L | 0.48 | 0.26 | 1 | 09/20/12 08:00 | 09/26/12 19:15 | 298-00-0 | |
| Parathion (Ethyl parathion) | **0.45U** | ug/L | 0.96 | 0.45 | 1 | 09/20/12 08:00 | 09/26/12 19:15 | 56-38-2 | |
| Phorate | **0.40U** | ug/L | 0.96 | 0.40 | 1 | 09/20/12 08:00 | 09/26/12 19:15 | 298-02-2 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Chloro3nitrobenzotrifluoride | 51 | % | 34.2-122 | | 1 | 09/20/12 08:00 | 09/26/12 19:15 | | |
| **8151 Chlorinated Herbicides** | Analytical Method: EPA 8151 Preparation Method: EPA 8151 | | | | | | | | |
| 2,4-D | **2.2U** | ug/L | 9.1 | 2.2 | 10 | 09/20/12 08:20 | 09/21/12 01:12 | 94-75-7 | |
| Dinoseb | **0.55U** | ug/L | 1.8 | 0.55 | 10 | 09/20/12 08:20 | 09/21/12 01:12 | 88-85-7 | |
| Pentachlorophenol | **0.16U** | ug/L | 0.27 | 0.16 | 10 | 09/20/12 08:20 | 09/21/12 01:12 | 87-86-5 | |
| 2,4,5-T | **0.40U** | ug/L | 1.8 | 0.40 | 10 | 09/20/12 08:20 | 09/21/12 01:12 | 93-76-5 | |
| 2,4,5-TP (Silvex) | **0.47U** | ug/L | 1.8 | 0.47 | 10 | 09/20/12 08:20 | 09/21/12 01:12 | 93-72-1 | |
| ***Surrogates*** | | | | | | | | | |
| 2,4-DCAA (S) | 572 | % | 42-142 | | 10 | 09/20/12 08:20 | 09/21/12 01:12 | 19719-28-9 | S4 |
| **6010 MET ICP** | Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | |
| Arsenic | **729** | ug/L | 10.0 | 5.0 | 1 | 09/19/12 14:49 | 09/20/12 11:26 | 7440-38-2 | |
| Barium | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/19/12 14:49 | 09/20/12 11:26 | 7440-39-3 | |
| Beryllium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/19/12 14:49 | 09/20/12 11:26 | 7440-41-7 | |
| Cadmium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/19/12 14:49 | 09/20/12 11:26 | 7440-43-9 | |
| Calcium | **0.40 I** | mg/L | 0.50 | 0.25 | 1 | 09/19/12 14:49 | 09/20/12 11:26 | 7440-70-2 | |
| Chromium | **3.4 I** | ug/L | 5.0 | 2.5 | 1 | 09/19/12 14:49 | 09/20/12 11:26 | 7440-47-3 | |
| Cobalt | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/19/12 14:49 | 09/20/12 11:26 | 7440-48-4 | |
| Copper | **3.4 I** | ug/L | 5.0 | 2.5 | 1 | 09/19/12 14:49 | 09/20/12 11:26 | 7440-50-8 | |
| Iron | **72.7** | ug/L | 40.0 | 20.0 | 1 | 09/19/12 14:49 | 09/20/12 11:26 | 7439-89-6 | |
| Lead | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/19/12 14:49 | 09/20/12 11:26 | 7439-92-1 | |
| Magnesium | **0.25U** | mg/L | 0.50 | 0.25 | 1 | 09/19/12 14:49 | 09/20/12 11:26 | 7439-95-4 | |
| Nickel | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/19/12 14:49 | 09/20/12 11:26 | 7440-02-0 | |
| Potassium | **0.50U** | mg/L | 1.0 | 0.50 | 1 | 09/19/12 14:49 | 09/20/12 11:26 | 7440-09-7 | |
| Selenium | **7.5U** | ug/L | 15.0 | 7.5 | 1 | 09/19/12 14:49 | 09/20/12 11:26 | 7782-49-2 | J(M1) |
| Silver | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/19/12 14:49 | 09/20/12 11:26 | 7440-22-4 | |
| Sodium | **0.50U** | mg/L | 1.0 | 0.50 | 1 | 09/19/12 14:49 | 09/20/12 11:26 | 7440-23-5 | |
| Tin | **25.0U** | ug/L | 50.0 | 25.0 | 1 | 09/19/12 14:49 | 09/20/12 11:26 | 7440-31-5 | |
| Vanadium | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/19/12 14:49 | 09/20/12 11:26 | 7440-62-2 | |
| Zinc | **10.0U** | ug/L | 20.0 | 10.0 | 1 | 09/19/12 14:49 | 09/20/12 11:26 | 7440-66-6 | |
| **6020 MET ICPMS** | Analytical Method: EPA 6020 Preparation Method: EPA 3010 | | | | | | | | |
| Antimony | **774** | ug/L | 5.0 | 2.5 | 5 | 09/19/12 14:49 | 09/21/12 12:54 | 7440-36-0 | D4 |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Gas Condensate** **Lab ID: 3567547031** Collected: 09/18/12 12:50 Received: 09/19/12 03:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **6020 MET ICPMS** | Analytical Method: EPA 6020 Preparation Method: EPA 3010 | | | | | | | | |
| Thallium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/19/12 14:49 | 09/21/12 04:02 | 7440-28-0 | |
| **7470 Mercury** | Analytical Method: EPA 7470 Preparation Method: EPA 7470 | | | | | | | | |
| Mercury | **0.58** | ug/L | 0.20 | 0.10 | 1 | 09/21/12 03:30 | 09/21/12 12:57 | 7439-97-6 | |
| **8270 MSSV SemiVOA App. II** | Analytical Method: EPA 8270 Preparation Method: EPA 3510 | | | | | | | | |
| Acenaphthene | **1.7U** | ug/L | 47.4 | 1.7 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 83-32-9 | |
| Acenaphthylene | **16.7U** | ug/L | 47.4 | 16.7 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 208-96-8 | |
| Acetophenone | **84.4** | ug/L | 47.4 | 14.4 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 98-86-2 | |
| 2-Acetylaminofluorene | **2.4U** | ug/L | 47.4 | 2.4 | 10 | 09/20/12 00:30 | 09/20/12 18:06 | 53-96-3 | |
| 4-Aminobiphenyl | **1.8U** | ug/L | 47.4 | 1.8 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 92-67-1 | |
| Anthracene | **1.7U** | ug/L | 47.4 | 1.7 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 120-12-7 | |
| Benzo(a)anthracene | **17.3U** | ug/L | 47.4 | 17.3 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 56-55-3 | |
| Benzo(a)pyrene | **1.3U** | ug/L | 9.5 | 1.3 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 50-32-8 | |
| Benzo(b)fluoranthene | **17.4U** | ug/L | 19.0 | 17.4 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 205-99-2 | |
| Benzo(g,h,i)perylene | **17.1U** | ug/L | 47.4 | 17.1 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 191-24-2 | |
| Benzo(k)fluoranthene | **1.0U** | ug/L | 37.9 | 1.0 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 207-08-9 | |
| Benzyl alcohol | **429** | ug/L | 47.4 | 2.9 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 100-51-6 | |
| 4-Bromophenylphenyl ether | **2.4U** | ug/L | 47.4 | 2.4 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 101-55-3 | |
| Butylbenzylphthalate | **18.9U** | ug/L | 47.4 | 18.9 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 85-68-7 | |
| 4-Chloro-3-methylphenol | **2.8U** | ug/L | 190 | 2.8 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 59-50-7 | |
| 4-Chloroaniline | **1.9U** | ug/L | 47.4 | 1.9 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 106-47-8 | |
| bis(2-Chloroethoxy)methane | **1.3U** | ug/L | 47.4 | 1.3 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 111-91-1 | |
| bis(2-Chloroethyl) ether | **2.0U** | ug/L | 37.9 | 2.0 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 111-44-4 | |
| bis(2-Chloroisopropyl) ether | **2.5U** | ug/L | 47.4 | 2.5 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 108-60-1 | |
| 2-Chloronaphthalene | **2.0U** | ug/L | 47.4 | 2.0 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 91-58-7 | |
| 2-Chlorophenol | **1.3U** | ug/L | 47.4 | 1.3 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 95-57-8 | |
| 4-Chlorophenylphenyl ether | **18.0U** | ug/L | 47.4 | 18.0 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 7005-72-3 | |
| Chrysene | **1.7U** | ug/L | 47.4 | 1.7 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 218-01-9 | |
| Diallate | **2.0U** | ug/L | 47.4 | 2.0 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 2303-16-4 | |
| Dibenz(a,h)anthracene | **17.3U** | ug/L | 19.0 | 17.3 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 53-70-3 | |
| Dibenzofuran | **1.8 I** | ug/L | 47.4 | 1.3 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 132-64-9 | |
| 1,2-Dichlorobenzene | **2.2U** | ug/L | 47.4 | 2.2 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 95-50-1 | |
| 1,3-Dichlorobenzene | **14.0U** | ug/L | 47.4 | 14.0 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 541-73-1 | |
| 1,4-Dichlorobenzene | **12.4 I** | ug/L | 47.4 | 1.6 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | **1.9U** | ug/L | 94.8 | 1.9 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 91-94-1 | |
| 2,4-Dichlorophenol | **1.8U** | ug/L | 19.0 | 1.8 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 120-83-2 | |
| 2,6-Dichlorophenol | **2.2U** | ug/L | 37.9 | 2.2 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 87-65-0 | |
| Diethylphthalate | **118** | ug/L | 47.4 | 1.9 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 84-66-2 | V |
| P-Dimethylaminoazobenzene | **2.8U** | ug/L | 47.4 | 2.8 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 60-11-7 | |
| 7,12-Dimethylbenz(a)anthracene | **1.2U** | ug/L | 47.4 | 1.2 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 57-97-6 | |
| 3,3'-Dimethylbenzidine | **5.9U** | ug/L | 94.8 | 5.9 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 119-93-7 | |
| 2,4-Dimethylphenol | **2.6U** | ug/L | 47.4 | 2.6 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 105-67-9 | |
| a,a-Dimethylphenylethylamine | **94.8U** | ug/L | 190 | 94.8 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 122-09-8 | |
| Dimethylphthalate | **21.0 I** | ug/L | 47.4 | 1.6 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 131-11-3 | |
| Di-n-butylphthalate | **3.9 I** | ug/L | 47.4 | 1.7 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 84-74-2 | |



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

Pace Analytical®
www.pacelabs.com

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Gas Condensate** **Lab ID: 3567547031** Collected: 09/18/12 12:50 Received: 09/19/12 03:30 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 | | | | | | | | |
| 4,6-Dinitro-2-methylphenol | **13.9U** | ug/L | 190 | 13.9 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 534-52-1 | |
| 1,2-Dinitrobenzene | **2.5U** | ug/L | 47.4 | 2.5 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 528-29-0 | |
| 1,3-Dinitrobenzene | **3.0U** | ug/L | 75.8 | 3.0 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 99-65-0 | |
| 2,4-Dinitrophenol | **10.5U** | ug/L | 190 | 10.5 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 51-28-5 | |
| 2,4-Dinitrotoluene | **1.3U** | ug/L | 19.0 | 1.3 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 121-14-2 | |
| 2,6-Dinitrotoluene | **2.1U** | ug/L | 19.0 | 2.1 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 606-20-2 | |
| Di-n-octylphthalate | **1.7U** | ug/L | 47.4 | 1.7 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 117-84-0 | |
| bis(2-Ethylhexyl)phthalate | **9.2U** | ug/L | 47.4 | 9.2 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 117-81-7 | |
| Ethyl methanesulfonate | **2.2U** | ug/L | 47.4 | 2.2 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 62-50-0 | |
| Fluoranthene | **16.9U** | ug/L | 47.4 | 16.9 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 206-44-0 | |
| Fluorene | **16.5U** | ug/L | 47.4 | 16.5 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 86-73-7 | |
| Hexachlorobenzene | **1.8U** | ug/L | 9.5 | 1.8 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 118-74-1 | |
| Hexachlorocyclopentadiene | **10.3U** | ug/L | 47.4 | 10.3 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 77-47-4 | |
| Hexachloroethane | **2.3U** | ug/L | 47.4 | 2.3 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 67-72-1 | |
| Hexachloropropene | **2.3U** | ug/L | 47.4 | 2.3 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 1888-71-7 | |
| Indeno(1,2,3-cd)pyrene | **17.4U** | ug/L | 19.0 | 17.4 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 193-39-5 | |
| Isodrin | **2.9U** | ug/L | 47.4 | 2.9 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 465-73-6 | |
| Isophorone | **16.1 I** | ug/L | 47.4 | 1.3 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 78-59-1 | |
| Isosafrole | **1.4U** | ug/L | 47.4 | 1.4 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 120-58-1 | |
| Kepone | **47.4U** | ug/L | 190 | 47.4 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 143-50-0 | |
| Methapyrilene | **5.0U** | ug/L | 47.4 | 5.0 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 91-80-5 | |
| 3-Methylcholanthrene | **1.3U** | ug/L | 47.4 | 1.3 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 56-49-5 | |
| Methyl methanesulfonate | **1.7U** | ug/L | 47.4 | 1.7 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 66-27-3 | |
| 1-Methylnaphthalene | **14.6U** | ug/L | 47.4 | 14.6 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 90-12-0 | N2 |
| 2-Methylnaphthalene | **1.3U** | ug/L | 47.4 | 1.3 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 91-57-6 | |
| 2-Methylphenol(o-Cresol) | **62.6** | ug/L | 47.4 | 11.9 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 95-48-7 | |
| 3&4-Methylphenol(m&p Cresol) | **5690** | ug/L | 948 | 15.2 | 100 | 09/20/12 00:30 | 09/20/12 17:21 | | |
| 1-Naphthylamine | **2.7U** | ug/L | 47.4 | 2.7 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 134-32-7 | |
| 2-Naphthylamine | **2.7U** | ug/L | 47.4 | 2.7 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 91-59-8 | |
| Naphthalene | **10.7 I** | ug/L | 47.4 | 1.9 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 91-20-3 | |
| 1,4-Naphthoquinone | **17.7U** | ug/L | 47.4 | 17.7 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 130-15-4 | |
| 2-Nitroaniline | **1.9U** | ug/L | 47.4 | 1.9 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 88-74-4 | |
| 3-Nitroaniline | **3.0U** | ug/L | 47.4 | 3.0 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 99-09-2 | |
| 4-Nitroaniline | **17.5U** | ug/L | 37.9 | 17.5 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 100-01-6 | |
| Nitrobenzene | **3.9U** | ug/L | 37.9 | 3.9 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 98-95-3 | |
| 2-Nitrophenol | **2.3U** | ug/L | 47.4 | 2.3 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 88-75-5 | |
| 4-Nitrophenol | **7.4U** | ug/L | 190 | 7.4 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 100-02-7 | |
| 5-Nitro-o-toluidine | **1.3U** | ug/L | 47.4 | 1.3 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 99-55-8 | |
| N-Nitrosodiethylamine | **10.1 I** | ug/L | 37.9 | 2.1 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 55-18-5 | |
| N-Nitrosodimethylamine | **1.3U** | ug/L | 19.0 | 1.3 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 62-75-9 | |
| N-Nitroso-di-n-butylamine | **2.1U** | ug/L | 37.9 | 2.1 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 924-16-3 | |
| N-Nitroso-di-n-propylamine | **2.5U** | ug/L | 37.9 | 2.5 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 621-64-7 | |
| N-Nitrosodiphenylamine | **1.2U** | ug/L | 47.4 | 1.2 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 86-30-6 | |
| N-Nitrosomethylethylamine | **3.2U** | ug/L | 47.4 | 3.2 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 10595-95-6 | |
| N-Nitrosopiperidine | **2.4U** | ug/L | 47.4 | 2.4 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 100-75-4 | |
| N-Nitrosopyrrolidine | **2.1U** | ug/L | 47.4 | 2.1 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 930-55-2 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Gas Condensate** **Lab ID: 3567547031** Collected: 09/18/12 12:50 Received: 09/19/12 03:30 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 | | | | | | | | |
| O,O,O-Triethylphosphorothioate | **2.5U** | ug/L | 47.4 | 2.5 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 126-68-1 | |
| Parathion (Ethyl parathion) | **1.6U** | ug/L | 47.4 | 1.6 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 56-38-2 | N2 |
| Pentachlorobenzene | **1.9U** | ug/L | 47.4 | 1.9 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 608-93-5 | |
| Pentachlorophenol | **10.6U** | ug/L | 190 | 10.6 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 87-86-5 | |
| Phenacetin | **1.9U** | ug/L | 47.4 | 1.9 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 62-44-2 | |
| Phenanthrene | **2.7 I** | ug/L | 47.4 | 1.2 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 85-01-8 | |
| Phenol | **4650** | ug/L | 474 | 13.3 | 100 | 09/20/12 00:30 | 09/20/12 17:21 | 108-95-2 | |
| p-Phenylenediamine | **94.8U** | ug/L | 190 | 94.8 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 106-50-3 | |
| Pronamide | **1.9U** | ug/L | 47.4 | 1.9 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 23950-58-5 | |
| Pyrene | **16.4U** | ug/L | 47.4 | 16.4 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 129-00-0 | |
| Safrole | **2.2U** | ug/L | 47.4 | 2.2 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 94-59-7 | |
| 1,2,4,5-Tetrachlorobenzene | **13.9U** | ug/L | 47.4 | 13.9 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 95-94-3 | |
| 2,3,4,6-Tetrachlorophenol | **15.5U** | ug/L | 47.4 | 15.5 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 58-90-2 | |
| Thionazin | **2.6U** | ug/L | 47.4 | 2.6 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 297-97-2 | |
| O-Toluidine | **42.9 I** | ug/L | 47.4 | 2.4 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 95-53-4 | |
| 1,2,4-Trichlorobenzene | **2.0U** | ug/L | 47.4 | 2.0 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 120-82-1 | |
| 2,4,5-Trichlorophenol | **1.6U** | ug/L | 37.9 | 1.6 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 95-95-4 | |
| 2,4,6-Trichlorophenol | **1.8U** | ug/L | 19.0 | 1.8 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 88-06-2 | |
| 1,3,5-Trinitrobenzene | **1.8U** | ug/L | 47.4 | 1.8 | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 99-35-4 | |
| ***Surrogates*** | | | | | | | | | |
| Nitrobenzene-d5 (S) | 38 | % | 22-120 | | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 70 | % | 34-120 | | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 321-60-8 | |
| Terphenyl-d14 (S) | 81 | % | 39-138 | | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 1718-51-0 | |
| Phenol-d6 (S) | 45 | % | 10-120 | | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 13127-88-3 | |
| 2-Fluorophenol (S) | 29 | % | 10-120 | | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 119 | % | 35-146 | | 10 | 09/20/12 00:30 | 09/20/12 16:56 | 118-79-6 | |
| **8270 MSSV PAH by SCAN** | Analytical Method: EPA 8270 by SCAN Preparation Method: EPA 3510 | | | | | | | | |
| Acenaphthene | **1.2 I** | ug/L | 9.6 | 0.18 | 10 | 09/19/12 15:00 | 09/20/12 16:01 | 83-32-9 | |
| Acenaphthylene | **0.17U** | ug/L | 19.1 | 0.17 | 10 | 09/19/12 15:00 | 09/20/12 16:01 | 208-96-8 | |
| Anthracene | **0.42 I** | ug/L | 9.6 | 0.18 | 10 | 09/19/12 15:00 | 09/20/12 16:01 | 120-12-7 | |
| Benzo(a)anthracene | **0.12U** | ug/L | 1.9 | 0.12 | 10 | 09/19/12 15:00 | 09/20/12 16:01 | 56-55-3 | |
| Benzo(a)pyrene | **0.21U** | ug/L | 1.9 | 0.21 | 10 | 09/19/12 15:00 | 09/20/12 16:01 | 50-32-8 | |
| Benzo(b)fluoranthene | **0.15U** | ug/L | 0.96 | 0.15 | 10 | 09/19/12 15:00 | 09/20/12 16:01 | 205-99-2 | |
| Benzo(g,h,i)perylene | **0.16U** | ug/L | 9.6 | 0.16 | 10 | 09/19/12 15:00 | 09/20/12 16:01 | 191-24-2 | |
| Benzo(k)fluoranthene | **0.22U** | ug/L | 2.4 | 0.22 | 10 | 09/19/12 15:00 | 09/20/12 16:01 | 207-08-9 | |
| Chrysene | **0.14U** | ug/L | 9.6 | 0.14 | 10 | 09/19/12 15:00 | 09/20/12 16:01 | 218-01-9 | |
| Dibenz(a,h)anthracene | **0.18U** | ug/L | 1.9 | 0.18 | 10 | 09/19/12 15:00 | 09/20/12 16:01 | 53-70-3 | |
| Fluoranthene | **0.11U** | ug/L | 9.6 | 0.11 | 10 | 09/19/12 15:00 | 09/20/12 16:01 | 206-44-0 | |
| Fluorene | **0.81 I** | ug/L | 9.6 | 0.11 | 10 | 09/19/12 15:00 | 09/20/12 16:01 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | **0.18U** | ug/L | 1.4 | 0.18 | 10 | 09/19/12 15:00 | 09/20/12 16:01 | 193-39-5 | |
| 1-Methylnaphthalene | **0.67 I** | ug/L | 14.3 | 0.15 | 10 | 09/19/12 15:00 | 09/20/12 16:01 | 90-12-0 | |
| 2-Methylnaphthalene | **1.1 I** | ug/L | 14.3 | 0.12 | 10 | 09/19/12 15:00 | 09/20/12 16:01 | 91-57-6 | |
| Naphthalene | **12.0** | ug/L | 9.6 | 0.14 | 10 | 09/19/12 15:00 | 09/20/12 16:01 | 91-20-3 | V |
| Phenanthrene | **0.75 I** | ug/L | 9.6 | 0.15 | 10 | 09/19/12 15:00 | 09/20/12 16:01 | 85-01-8 | |
| Pyrene | **0.096U** | ug/L | 9.6 | 0.096 | 10 | 09/19/12 15:00 | 09/20/12 16:01 | 129-00-0 | |



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

Pace Analytical®
www.pacelabs.com

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Gas Condensate** **Lab ID: 3567547031** Collected: 09/18/12 12:50 Received: 09/19/12 03:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8270 MSSV PAH by SCAN** | Analytical Method: EPA 8270 by SCAN Preparation Method: EPA 3510 | | | | | | | | |
| ***Surrogates*** | | | | | | | | | |
| 2-Fluorobiphenyl (S) | 20 | % | 43.9-113 | | 10 | 09/19/12 15:00 | 09/20/12 16:01 | 321-60-8 | S4 |
| Terphenyl-d14 (S) | 77 | % | 24.8-144 | | 10 | 09/19/12 15:00 | 09/20/12 16:01 | 1718-51-0 | |
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Acetone | **7310** | ug/L | 1000 | 500 | 100 | | 09/27/12 14:20 | 67-64-1 | |
| Acetonitrile | **406** | ug/L | 10.0 | 5.0 | 1 | | 09/27/12 02:08 | 75-05-8 | |
| Acrolein | **10.0U** | ug/L | 20.0 | 10.0 | 1 | | 09/27/12 02:08 | 107-02-8 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/27/12 02:08 | 107-13-1 | |
| Allyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 107-05-1 | |
| Benzene | **6.3** | ug/L | 1.0 | 0.10 | 1 | | 09/27/12 02:08 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/27/12 02:08 | 75-27-4 | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 74-83-9 | |
| 2-Butanone (MEK) | **4080** | ug/L | 1000 | 500 | 100 | | 09/27/12 14:20 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/27/12 02:08 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 56-23-5 | |
| Chlorobenzene | **0.83 I** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/27/12 02:08 | 74-87-3 | |
| Chloroprene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 126-99-8 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/27/12 02:08 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 74-95-3 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/27/12 02:08 | 110-57-6 | |
| Dichlorodifluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 75-71-8 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 75-35-4 | |
| cis-1,2-Dichloroethene | **3.2** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 78-87-5 | |
| 1,3-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 142-28-9 | |
| 2,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 594-20-7 | |
| 1,1-Dichloropropene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 563-58-6 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/27/12 02:08 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/27/12 02:08 | 10061-02-6 | |
| Ethylbenzene | **43.8** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 100-41-4 | |
| Ethyl methacrylate | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 97-63-2 | |
| Hexachloro-1,3-butadiene | **0.40U** | ug/L | 1.0 | 0.40 | 1 | | 09/27/12 02:08 | 87-68-3 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/27/12 02:08 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 74-88-4 | |
| Isobutyl Alcohol | **2060** | ug/L | 20.0 | 10.0 | 1 | | 09/27/12 02:08 | 78-83-1 | |
| Methacrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/27/12 02:08 | 126-98-7 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/27/12 02:08 | 75-09-2 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Gas Condensate** **Lab ID: 3567547031** Collected: 09/18/12 12:50 Received: 09/19/12 03:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Methyl methacrylate | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/27/12 02:08 | 80-62-6 | |
| 4-Methyl-2-pentanone (MIBK) | **500U** | ug/L | 1000 | 500 | 100 | | 09/27/12 14:20 | 108-10-1 | |
| Propionitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/27/12 02:08 | 107-12-0 | |
| Styrene | **5.9** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/27/12 02:08 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 127-18-4 | |
| Toluene | **66.7** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 108-88-3 | |
| 1,2,4-Trichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 120-82-1 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 79-00-5 | |
| Trichloroethene | **0.55** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/27/12 02:08 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/27/12 02:08 | 108-05-4 | |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 75-01-4 | |
| Xylene (Total) | **120** | ug/L | 1.0 | 0.50 | 1 | | 09/27/12 02:08 | 1330-20-7 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 96 | % | 70-114 | | 1 | | 09/27/12 02:08 | 460-00-4 | |
| Dibromofluoromethane (S) | 90 | % | 88-117 | | 1 | | 09/27/12 02:08 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 105 | % | 86-125 | | 1 | | 09/27/12 02:08 | 17060-07-0 | |
| Toluene-d8 (S) | 100 | % | 87-113 | | 1 | | 09/27/12 02:08 | 2037-26-5 | |
| **2320B Alkalinity** | Analytical Method: SM 2320B | | | | | | | | |
| Alkalinity, Carbonate (CaCO3) | **50.0U** | mg/L | 50.0 | 50.0 | 10 | | 09/27/12 22:22 | | |
| Alkalinity, Total as CaCO3 | **3970** | mg/L | 50.0 | 50.0 | 10 | | 09/27/12 22:22 | | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **50.0U** | mg/L | 50.0 | 50.0 | 1 | | 09/21/12 15:22 | | |
| **4500S2E Sulfide, Iodometric** | Analytical Method: SM 4500-S2E | | | | | | | | |
| Sulfide | **13.8** | mg/L | 1.0 | 1.0 | 1 | | 09/20/12 15:00 | 18496-25-8 | |
| **5210B BOD, 5 day** | Analytical Method: SM 5210B | | | | | | | | |
| BOD, 5 day | **487** | mg/L | 2.0 | 2.0 | 1 | 09/20/12 09:30 | 09/25/12 20:11 | | J(B1) |
| **300.0 IC Anions** | Analytical Method: EPA 300.0 | | | | | | | | |
| Nitrate as N | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/19/12 21:51 | 14797-55-8 | |
| Nitrite as N | **0.50U** | mg/L | 1.0 | 0.50 | 20 | | 09/19/12 13:34 | 14797-65-0 | D3 |
| Nitrogen, NO2 plus NO3 | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/19/12 21:51 | | |
| **300.0 IC Anions 28 Days** | Analytical Method: EPA 300.0 | | | | | | | | |
| Chloride | **50.0U** | mg/L | 100 | 50.0 | 20 | | 09/19/12 13:34 | 16887-00-6 | D3 |
| Sulfate | **7.1** | mg/L | 5.0 | 2.5 | 1 | | 09/19/12 21:51 | 14808-79-8 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Gas Condensate** **Lab ID: 3567547031** Collected: 09/18/12 12:50 Received: 09/19/12 03:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **335.4 Cyanide, Total** | Analytical Method: EPA 335.4 Preparation Method: EPA 335.4 | | | | | | | | |
| Cyanide | **0.0050U** | mg/L | 0.010 | 0.0050 | 1 | 09/26/12 12:30 | 09/27/12 10:05 | 57-12-5 | |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **1090** | mg/L | 10.0 | 4.0 | 200 | | 09/26/12 12:10 | 7664-41-7 | |
| **410.4 COD** | Analytical Method: EPA 410.4 | | | | | | | | |
| Chemical Oxygen Demand | **1650** | mg/L | 100 | 62.5 | 5 | | 09/25/12 12:33 | | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Trip Blank #8** **Lab ID: 3567547032** Collected: 09/18/12 08:00 Received: 09/19/12 03:30 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 | | 09/26/12 20:34 | 67-64-1 | |
| Acetonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 20:34 | 75-05-8 | |
| Acrolein | **10.0U** | ug/L | 20.0 | 10.0 | 1 | | 09/26/12 20:34 | 107-02-8 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 20:34 | 107-13-1 | |
| Allyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 107-05-1 | |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/26/12 20:34 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/26/12 20:34 | 75-27-4 | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 20:34 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 20:34 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/26/12 20:34 | 74-87-3 | |
| Chloroprene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 126-99-8 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/26/12 20:34 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 74-95-3 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 20:34 | 110-57-6 | |
| Dichlorodifluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 75-71-8 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 78-87-5 | |
| 1,3-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 142-28-9 | |
| 2,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 594-20-7 | |
| 1,1-Dichloropropene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 563-58-6 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 20:34 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 20:34 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 100-41-4 | |
| Ethyl methacrylate | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 97-63-2 | |
| Hexachloro-1,3-butadiene | **0.40U** | ug/L | 1.0 | 0.40 | 1 | | 09/26/12 20:34 | 87-68-3 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 20:34 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 74-88-4 | |
| Isobutyl Alcohol | **10.0U** | ug/L | 20.0 | 10.0 | 1 | | 09/26/12 20:34 | 78-83-1 | |
| Methacrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 20:34 | 126-98-7 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/26/12 20:34 | 75-09-2 | |
| Methyl methacrylate | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 20:34 | 80-62-6 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 20:34 | 108-10-1 | |
| Propionitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 20:34 | 107-12-0 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 630-20-6 | |



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

Pace Analytical®
www.pacelabs.com

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Trip Blank #8** **Lab ID: 3567547032** Collected: 09/18/12 08:00 Received: 09/19/12 03:30 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/26/12 20:34 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 108-88-3 | |
| 1,2,4-Trichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 120-82-1 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/26/12 20:34 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/26/12 20:34 | 108-05-4 | |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 20:34 | 1330-20-7 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 91 | % | 70-114 | | 1 | | 09/26/12 20:34 | 460-00-4 | |
| Dibromofluoromethane (S) | 101 | % | 88-117 | | 1 | | 09/26/12 20:34 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 109 | % | 86-125 | | 1 | | 09/26/12 20:34 | 17060-07-0 | |
| Toluene-d8 (S) | 98 | % | 87-113 | | 1 | | 09/26/12 20:34 | 2037-26-5 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Pond #1** **Lab ID: 3567547033** Collected: 09/19/12 10:40 Received: 09/19/12 13:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **1631E Mercury, Low Level** | Analytical Method: EPA 1631E | | | | | | | | |
| Mercury | **0.00119** | ug/L | 0.00050 | 0.000066 | 1 | 10/03/12 11:57 | 10/08/12 12:38 | 7439-97-6 | |
| **Field Data** | Analytical Method: | | | | | | | | |
| Field pH | **6.82** | Std. Units | 0.10 | 0.10 | 1 | | 09/19/12 10:40 | | |
| Field Temperature | **27.02** | deg C | 0.50 | 0.50 | 1 | | 09/19/12 10:40 | | |
| Field Specific Conductance | **359** | umhos/cm | 1.0 | 1.0 | 1 | | 09/19/12 10:40 | | |
| Oxygen, Dissolved | **2.76** | mg/L | | | 1 | | 09/19/12 10:40 | 7782-44-7 | |
| Turbidity | **6.01** | NTU | 1.0 | 1.0 | 1 | | 09/19/12 10:40 | | |
| **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 | 09/24/12 13:00 | 09/25/12 11:36 | 96-12-8 | |
| 1,2-Dibromoethane (EDB) | **0.0063U** | ug/L | 0.010 | 0.0063 | 1 | 09/24/12 13:00 | 09/25/12 11:36 | 106-93-4 | |
| **6010 MET ICP** | Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | |
| Antimony | **5.0U** | ug/L | 15.0 | 5.0 | 1 | 09/20/12 10:52 | 09/21/12 10:21 | 7440-36-0 | |
| Arsenic | **6.3 I** | ug/L | 10.0 | 5.0 | 1 | 09/20/12 10:52 | 09/21/12 10:21 | 7440-38-2 | |
| Barium | **28.0** | ug/L | 10.0 | 5.0 | 1 | 09/20/12 10:52 | 09/21/12 10:21 | 7440-39-3 | |
| Calcium | **55.1** | mg/L | 0.50 | 0.25 | 1 | 09/20/12 10:52 | 09/21/12 10:21 | 7440-70-2 | |
| Chromium | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/24/12 12:18 | 09/25/12 05:44 | 7440-47-3 | |
| Cobalt | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/20/12 10:52 | 09/21/12 10:21 | 7440-48-4 | |
| Iron | **187** | ug/L | 40.0 | 20.0 | 1 | 09/24/12 12:18 | 09/25/12 05:44 | 7439-89-6 | |
| Magnesium | **10.2** | mg/L | 0.50 | 0.25 | 1 | 09/20/12 10:52 | 09/21/12 10:21 | 7439-95-4 | |
| Nickel | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/20/12 10:52 | 09/21/12 10:21 | 7440-02-0 | |
| Potassium | **14.2** | mg/L | 1.0 | 0.50 | 1 | 09/20/12 10:52 | 09/21/12 10:21 | 7440-09-7 | |
| Sodium | **20.4** | mg/L | 1.0 | 0.50 | 1 | 09/20/12 10:52 | 09/21/12 10:21 | 7440-23-5 | |
| Tot Hardness asCaCO3 (SM 2340B | **179** | mg/L | 3.2 | 1.6 | 1 | 09/20/12 10:52 | 09/21/12 10:21 | | |
| Vanadium | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/20/12 10:52 | 09/21/12 10:21 | 7440-62-2 | |
| **6020 MET ICPMS** | Analytical Method: EPA 6020 Preparation Method: EPA 3010 | | | | | | | | |
| Beryllium | **0.050U** | ug/L | 0.10 | 0.050 | 1 | 09/20/12 10:52 | 09/21/12 20:33 | 7440-41-7 | |
| Cadmium | **0.050U** | ug/L | 0.10 | 0.050 | 1 | 09/20/12 10:52 | 09/21/12 20:33 | 7440-43-9 | |
| Copper | **0.93U** | ug/L | 1.0 | 0.93 | 1 | 09/20/12 10:52 | 09/21/12 20:33 | 7440-50-8 | |
| Lead | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/20/12 10:52 | 09/21/12 20:33 | 7439-92-1 | |
| Selenium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/20/12 10:52 | 09/21/12 20:33 | 7782-49-2 | |
| Silver | **0.050U** | ug/L | 0.10 | 0.050 | 1 | 09/20/12 10:52 | 09/21/12 20:33 | 7440-22-4 | |
| Thallium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/20/12 10:52 | 09/21/12 20:33 | 7440-28-0 | |
| Zinc | **4.3 I** | ug/L | 5.0 | 2.5 | 1 | 09/20/12 10:52 | 09/21/12 20:33 | 7440-66-6 | |
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Acetone | **25.0U** | ug/L | 50.0 | 25.0 | 5 | | 09/27/12 14:45 | 67-64-1 | |
| Acrylonitrile | **25.0U** | ug/L | 50.0 | 25.0 | 5 | | 09/27/12 14:45 | 107-13-1 | |
| Benzene | **0.50U** | ug/L | 5.0 | 0.50 | 5 | | 09/27/12 14:45 | 71-43-2 | |
| Bromochloromethane | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 74-97-5 | |
| Bromodichloromethane | **1.4U** | ug/L | 3.0 | 1.4 | 5 | | 09/27/12 14:45 | 75-27-4 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Pond #1** **Lab ID: 3567547033** Collected: 09/19/12 10:40 Received: 09/19/12 13:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Bromoform | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 75-25-2 | |
| Bromomethane | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 74-83-9 | |
| 2-Butanone (MEK) | **25.0U** | ug/L | 50.0 | 25.0 | 5 | | 09/27/12 14:45 | 78-93-3 | |
| Carbon disulfide | **25.0U** | ug/L | 50.0 | 25.0 | 5 | | 09/27/12 14:45 | 75-15-0 | |
| Carbon tetrachloride | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 56-23-5 | |
| Chlorobenzene | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 108-90-7 | |
| Chloroethane | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 75-00-3 | |
| Chloroform | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 67-66-3 | |
| Chloromethane | **3.1U** | ug/L | 5.0 | 3.1 | 5 | | 09/27/12 14:45 | 74-87-3 | |
| Dibromochloromethane | **1.3U** | ug/L | 2.5 | 1.3 | 5 | | 09/27/12 14:45 | 124-48-1 | |
| Dibromomethane | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 74-95-3 | |
| 1,2-Dichlorobenzene | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 95-50-1 | |
| 1,4-Dichlorobenzene | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **25.0U** | ug/L | 50.0 | 25.0 | 5 | | 09/27/12 14:45 | 110-57-6 | |
| 1,1-Dichloroethane | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 75-34-3 | |
| 1,2-Dichloroethane | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 107-06-2 | |
| 1,1-Dichloroethene | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 75-35-4 | |
| cis-1,2-Dichloroethene | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 156-59-2 | |
| trans-1,2-Dichloroethene | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 156-60-5 | |
| 1,2-Dichloropropane | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 78-87-5 | |
| cis-1,3-Dichloropropene | **1.2U** | ug/L | 2.5 | 1.2 | 5 | | 09/27/12 14:45 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **1.2U** | ug/L | 2.5 | 1.2 | 5 | | 09/27/12 14:45 | 10061-02-6 | |
| Ethylbenzene | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 100-41-4 | |
| 2-Hexanone | **25.0U** | ug/L | 50.0 | 25.0 | 5 | | 09/27/12 14:45 | 591-78-6 | |
| Iodomethane | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 74-88-4 | |
| Methylene Chloride | **12.5U** | ug/L | 25.0 | 12.5 | 5 | | 09/27/12 14:45 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **25.0U** | ug/L | 50.0 | 25.0 | 5 | | 09/27/12 14:45 | 108-10-1 | |
| Styrene | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.60U** | ug/L | 2.5 | 0.60 | 5 | | 09/27/12 14:45 | 79-34-5 | |
| Tetrachloroethene | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 127-18-4 | |
| Toluene | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 108-88-3 | |
| 1,1,1-Trichloroethane | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 71-55-6 | |
| 1,1,2-Trichloroethane | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 79-00-5 | |
| Trichloroethene | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 79-01-6 | |
| Trichlorofluoromethane | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 75-69-4 | |
| 1,2,3-Trichloropropane | **1.8U** | ug/L | 2.5 | 1.8 | 5 | | 09/27/12 14:45 | 96-18-4 | |
| Vinyl acetate | **5.0U** | ug/L | 10.0 | 5.0 | 5 | | 09/27/12 14:45 | 108-05-4 | |
| Vinyl chloride | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 75-01-4 | |
| Xylene (Total) | **2.5U** | ug/L | 5.0 | 2.5 | 5 | | 09/27/12 14:45 | 1330-20-7 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 87 | % | 70-114 | | 5 | | 09/27/12 14:45 | 460-00-4 | |
| Dibromofluoromethane (S) | 103 | % | 88-117 | | 5 | | 09/27/12 14:45 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 110 | % | 86-125 | | 5 | | 09/27/12 14:45 | 17060-07-0 | |
| Toluene-d8 (S) | 110 | % | 87-113 | | 5 | | 09/27/12 14:45 | 2037-26-5 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Pond #1** **Lab ID: 3567547033** Collected: 09/19/12 10:40 Received: 09/19/12 13:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **2320B Alkalinity** | Analytical Method: SM 2320B | | | | | | | | |
| Alkalinity,Bicarbonate (CaCO3) | **127** | mg/L | 10.0 | 10.0 | 2 | | 09/25/12 21:17 | | |
| Alkalinity, Carbonate (CaCO3) | **10.0U** | mg/L | 10.0 | 10.0 | 2 | | 09/25/12 21:17 | | |
| Alkalinity, Total as CaCO3 | **127** | mg/L | 10.0 | 10.0 | 2 | | 09/25/12 21:17 | | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **267** | mg/L | 5.0 | 5.0 | 1 | | 09/26/12 13:43 | | |
| **2540D Total Suspended Solids** | Analytical Method: SM 2540D | | | | | | | | |
| Total Suspended Solids | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/24/12 09:40 | | |
| **5210B BOD, 5 day** | Analytical Method: SM 5210B | | | | | | | | |
| BOD, 5 day | **2.2** | mg/L | 2.0 | 2.0 | 1 | 09/20/12 09:30 | 09/25/12 20:13 | | |
| **Chlorophyll & Pheophytin** | Analytical Method: SM10200 Preparation Method: SM10200 | | | | | | | | |
| Chlorophyll a | **24.8** | ug/L | 1.0 | 1.0 | 1 | 09/20/12 08:15 | 09/21/12 22:33 | | |
| **Total Nitrogen Calculation** | Analytical Method: TKN+NOx Calculation | | | | | | | | |
| Total Nitrogen | **1.3** | mg/L | 0.50 | 0.25 | 1 | | 09/26/12 15:20 | | |
| **300.0 IC Anions** | Analytical Method: EPA 300.0 | | | | | | | | |
| Nitrate as N | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/20/12 14:21 | 14797-55-8 | |
| Nitrite as N | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/20/12 14:21 | 14797-65-0 | |
| Nitrogen, NO2 plus NO3 | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/20/12 14:21 | | |
| **300.0 IC Anions 28 Days** | Analytical Method: EPA 300.0 | | | | | | | | |
| Sulfate | **34.2** | mg/L | 5.0 | 2.5 | 1 | | 09/20/12 14:21 | 14808-79-8 | |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **0.12** | mg/L | 0.050 | 0.020 | 1 | | 09/28/12 07:36 | 7664-41-7 | |
| Nitrogen, Ammonia (Unionized) | **0.020U** | mg/L | 0.050 | 0.020 | 1 | | 09/28/12 07:36 | | |
| **351.2 Total Kjeldahl Nitrogen** | Analytical Method: EPA 351.2 Preparation Method: EPA 351.2 | | | | | | | | |
| Nitrogen, Kjeldahl, Total | **1.3** | mg/L | 0.50 | 0.086 | 1 | 09/27/12 08:15 | 09/27/12 14:45 | 7727-37-9 | |
| **353.2 Nitrogen, NO2/NO3 pres.** | Analytical Method: EPA 353.2 | | | | | | | | |
| Nitrogen, NO2 plus NO3 | **0.14** | mg/L | 0.050 | 0.025 | 1 | | 09/21/12 08:27 | | |
| **365.4 Phosphorus, Total** | Analytical Method: EPA 365.4 Preparation Method: EPA 365.4 | | | | | | | | |
| Phosphorus, Total (as P) | **0.096 I** | mg/L | 0.10 | 0.050 | 1 | 09/27/12 08:15 | 09/27/12 14:45 | 7723-14-0 | |
| **410.4 COD** | Analytical Method: EPA 410.4 | | | | | | | | |
| Chemical Oxygen Demand | **46.3** | mg/L | 20.0 | 12.5 | 1 | | 09/25/12 12:33 | | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Pond #1** **Lab ID: 3567547033** Collected: 09/19/12 10:40 Received: 09/19/12 13:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **5310B TOC** | Analytical Method: SM 5310B | | | | | | | | |
| Total Organic Carbon | **15.1** | mg/L | 1.0 | 0.50 | 1 | | 09/25/12 13:54 | 7440-44-0 | |



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

# BENCHMARK
## *EnviroAnalytical Inc.*

NELAC Certification # E84167

# ANALYTICAL TEST REPORT
**THESE RESULTS MEET NELAC STANDARDS**

**Submission Number :** 12090728

Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, Fl 32174

Joe Vondrick

**Project Name :** CENTRAL CTY SOLID WASTE DISPOSAL
**Date Received :** 09/19/2012
**Time Received :** 1500

Submission Number 12090728

**Sample Number:** 001
**Sample Date:** 09/19/2012
**Sample Time:** 1040

**Sample Description:** 28824 Pond 1
**Sample Method:** Grab

| Parameter | Result | Units | MDL | PQL | Procedure | Analysis Date | Analysis Time | Analyst |
|---|---|---|---|---|---|---|---|---|
| FECAL COLIFORM | 20000 Z | #/100 ML | 100 | 100 | SM9222D | 09/19/2012 | 16:00 | MR |

# BENCHMARK
## *EnviroAnalytical Inc.*

NELAC Certification # E84167

09/27/2012

Dale D. Dixon / Laboratory Director — Date

Tülay Tanrisever/ QC Officer

Jennifer Jordan / QC Officer

**DATA QUALIFIERS THAT MAY APPLY:**

A = Value reported is an average of two or more determinations.

B = Results based upon colony counts outside the ideal range.

H = Value based on field kit determination. Results may not be accurate.

I = Reported value is between the laboratory MDL and the PQL.

J = Estimated value.

J1 = Est. value surrogate recovery limits exceeded.

J2 = Est. value. No quality control criteria exists for component.

J3 = Est. value quality control criteria for precision or accuracy not met.

J4 = Est. value. Sample matrix interference suspected.

J5 = Est. value. Data questionable due to improper lab or field protocols

K = Off-scale low. Value is known to be < the value reported.

L = Off-scale high. Value is known to be >. the value reported

**NOTES:**

PQL = 4xMDL.

MBAS calculated as LAS; molecular weight = 348.

X = Value exceed MCL.

N = Presumptive evidence of presence of material.

O = Sampled, but analysis lost or not performed.

Q = Sample held beyond accepted hold time.

T = Value reported is < MDL. Reported for informational purposes only and shall not be used in statistical analysis.

U = Analyte analyzed but not detected at the value indicated.

V = Analyte detected in sample and method blank.Results for this analyte in associated samples may be biased high. Standard , Dupticate and Spike values are within control limits. Reported data are usable

Y = Analysis performed on an improperly preserved sample. Data may be inaccurate.

Z = Too many colonies were present (TNTC). The numeric value represents the filtration volume.

! = Data deviate from historically established concentration ranges.

? = Data rejected and should not be used. Some or all of QC data were outside criteria, and the Presence or absence of the analyte cannot be determined from the data.

* = Not reported due to interference.

ND = Not Detected at or above adjusted reporting limit.

NOTES:

For questions and comments regarding these results, please contact Bettina Beilfuss at (941) 723-9986

*Results relate only to the samples.*

1711 12th Street East * Palmetto, FL 34221 * Phone (941) 723-9986 * Fax (941) 723-6061

# CHAIN OF CUSTODY RECORD

No. E

Page 1 of 2

**Pace Analytical**
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 ● FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

FOR LAB USE ONLY
Temp. of Contents: 4.1 °C (or Received on Ice, ROI)
Condition of Contents:
Condition of Seals:

FOR LAB USE ONLY
Submission No.

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: 1255 T Mabry Carlton Parkway
City Venice State Fl. Zip Code 34293
Phone: ( 941 )650-9834
Fax: ( 941)480-3558

2. Report to: (if different from above)
Cesar Rodriguez

Address:
City State Zip Code
Phone: ( )
Fax: ( )

3. Client Project Name:
Central Cty Solid Waste disposal surface water

4. Client Project No.:

No.: 120293

6. Custody Seal No.:

7. Sampled By: Alison Eggleston

8. Shipping Method:

18. Report Type
X Routine
With QC

19. Turnaround Time
X Standard
Rush : / /

| Water Sample Codes (for Item 13) | Container Codes (for Item 16) |
|---|---|
| DW = Drinking Water | V = VOA vial |
| GW = Ground Water | G = glass |
| SW = Surface Water | P = plastic |
| PW = Processed Water | M = micro bag/cup |
| WW = Waste Water | O = other |

Preservative Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

| Item | 9. Sample ID or No. | 10. Sample Description | 11. Date | 11. Time | 12. Comp. | 12. Grab | 13. Water (Codes) | 13. Air | 13. Soil | 13. Sludge | 13. Other | 14. 15. Preservatives | 14. 16. Containers | 17. VOC 258 App I | EDB 258 App I | TOC | Metals 258 App I ( | Nutrients 258 App. | Misc Inorganics | Chlorophyll A | Fecal coliform | 20. REMARK | LAB USE ONLY LAB SAMPLE NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | H V | C V | H V | N P | S P | C P | C P | T M | | | | |
| 1 | 28824 | Pond 1 | 091912 | 1040 | | X | SW | | | | | A,B,C | | | | | | | | | | | 12090728-1 |
| 2 | | | | | | X | SW | | | | | | D,E | | | | | | | | | H: Ca,Fe,Mg,Hg,K, Na | |
| 3 | | | | | | X | SW | | | | | | | | F,G | | | | | | | F,G: TOC | |
| 4 | | | | | | X | SW | | | | | | | | | H | | | | | | I: Un-ionized Ammonia, | |
| 5 | | | | | | X | SW | | | | | | | | | | I | | | | | Tot N, total phosphorus, Nitrate | |
| 6 | | | | | | X | SW | | | | | | | | | | | KL | | | | K,L,: TDS,COD, BOD, Tot. hardness | |
| 7 | | | | | | X | SW | | | | | | | | | | | | O | | | TSS, Bicarbonate, Carbonate, Sulfate | |
| 8 | | | | | | X | SW | | | | | | | | | | | | | P | | | |
| 9 | | | | | | X | SW | | | | | | | | | | | | | | | | |
| 10 | | ~~Trip blank~~ | | | | | | | | | | X | | | | | | | | | | P:Fecal coliform, O:Chlorophyll A | |

| 21. RELINQUISHED BY | DATE | TIME | 22. RECEIVED BY | DATE | TIME |
|---|---|---|---|---|---|
| 1 Alison Eggleston | 091912 | 1300 | | 9/19/12 | 1500 |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |

FOR LAB USE ONLY
Sampling Fee: _____ Hrs.
Equipment Rental Fee: _____
Profile No.: Quote No.:

DISTRIBUTION: White with report; make copies as needed

Revised: 1/99

cooler #1

3863

PLEASE USE ADAPT

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Pond #2** **Lab ID: 3567547034** Collected: 09/19/12 11:10 Received: 09/19/12 13:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **1631E Mercury, Low Level** | Analytical Method: EPA 1631E | | | | | | | | |
| Mercury | **0.00176** | ug/L | 0.00050 | 0.000066 | 1 | 10/03/12 11:57 | 10/08/12 12:45 | 7439-97-6 | |
| **Field Data** | Analytical Method: | | | | | | | | |
| Field pH | **6.82** | Std. Units | 0.10 | 0.10 | 1 | | 09/19/12 11:10 | | |
| Field Temperature | **26.64** | deg C | 0.50 | 0.50 | 1 | | 09/19/12 11:10 | | |
| Field Specific Conductance | **381** | umhos/cm | 1.0 | 1.0 | 1 | | 09/19/12 11:10 | | |
| Oxygen, Dissolved | **1.97** | mg/L | | | 1 | | 09/19/12 11:10 | 7782-44-7 | |
| Turbidity | **29.4** | NTU | 1.0 | 1.0 | 1 | | 09/19/12 11:10 | | |
| **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 | 09/24/12 13:00 | 09/25/12 10:13 | 96-12-8 | |
| 1,2-Dibromoethane (EDB) | **0.0063U** | ug/L | 0.010 | 0.0063 | 1 | 09/24/12 13:00 | 09/25/12 10:13 | 106-93-4 | |
| **6010 MET ICP** | Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | |
| Antimony | **5.0U** | ug/L | 15.0 | 5.0 | 1 | 09/20/12 10:52 | 09/21/12 10:25 | 7440-36-0 | |
| Arsenic | **5.2 I** | ug/L | 10.0 | 5.0 | 1 | 09/20/12 10:52 | 09/21/12 10:25 | 7440-38-2 | |
| Barium | **16.5** | ug/L | 10.0 | 5.0 | 1 | 09/20/12 10:52 | 09/21/12 10:25 | 7440-39-3 | |
| Calcium | **45.9** | mg/L | 0.50 | 0.25 | 1 | 09/20/12 10:52 | 09/21/12 10:25 | 7440-70-2 | |
| Chromium | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/24/12 12:18 | 09/25/12 04:29 | 7440-47-3 | |
| Cobalt | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/20/12 10:52 | 09/21/12 10:25 | 7440-48-4 | |
| Iron | **454** | ug/L | 40.0 | 20.0 | 1 | 09/24/12 12:18 | 09/25/12 04:29 | 7439-89-6 | |
| Magnesium | **8.2** | mg/L | 0.50 | 0.25 | 1 | 09/20/12 10:52 | 09/21/12 10:25 | 7439-95-4 | |
| Nickel | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/20/12 10:52 | 09/21/12 10:25 | 7440-02-0 | |
| Potassium | **25.5** | mg/L | 1.0 | 0.50 | 1 | 09/20/12 10:52 | 09/21/12 10:25 | 7440-09-7 | |
| Sodium | **13.4** | mg/L | 1.0 | 0.50 | 1 | 09/20/12 10:52 | 09/21/12 10:25 | 7440-23-5 | |
| Tot Hardness asCaCO3 (SM 2340B | **149** | mg/L | 3.2 | 1.6 | 1 | 09/20/12 10:52 | 09/21/12 10:25 | | |
| Vanadium | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/20/12 10:52 | 09/21/12 10:25 | 7440-62-2 | |
| **6020 MET ICPMS** | Analytical Method: EPA 6020 Preparation Method: EPA 3010 | | | | | | | | |
| Beryllium | **0.050U** | ug/L | 0.10 | 0.050 | 1 | 09/20/12 10:52 | 09/21/12 20:37 | 7440-41-7 | |
| Cadmium | **0.050U** | ug/L | 0.10 | 0.050 | 1 | 09/20/12 10:52 | 09/21/12 20:37 | 7440-43-9 | |
| Copper | **0.93U** | ug/L | 1.0 | 0.93 | 1 | 09/20/12 10:52 | 09/21/12 20:37 | 7440-50-8 | |
| Lead | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/20/12 10:52 | 09/21/12 20:37 | 7439-92-1 | |
| Selenium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/20/12 10:52 | 09/21/12 20:37 | 7782-49-2 | |
| Silver | **0.050U** | ug/L | 0.10 | 0.050 | 1 | 09/20/12 10:52 | 09/21/12 20:37 | 7440-22-4 | |
| Thallium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/20/12 10:52 | 09/21/12 20:37 | 7440-28-0 | |
| Zinc | **6.5** | ug/L | 5.0 | 2.5 | 1 | 09/20/12 10:52 | 09/21/12 20:37 | 7440-66-6 | |
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Acetone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 14:17 | 67-64-1 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 14:17 | 107-13-1 | |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/26/12 14:17 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/26/12 14:17 | 75-27-4 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Pond #2** **Lab ID: 3567547034** Collected: 09/19/12 11:10 Received: 09/19/12 13:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 14:17 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 14:17 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/26/12 14:17 | 74-87-3 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/26/12 14:17 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 74-95-3 | |
| 1,2-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 95-50-1 | |
| 1,4-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 14:17 | 110-57-6 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 78-87-5 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 14:17 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 14:17 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 100-41-4 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 14:17 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 74-88-4 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/26/12 14:17 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 14:17 | 108-10-1 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/26/12 14:17 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 108-88-3 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/26/12 14:17 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/26/12 14:17 | 108-05-4 | |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 14:17 | 1330-20-7 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 93 | % | 70-114 | | 1 | | 09/26/12 14:17 | 460-00-4 | |
| Dibromofluoromethane (S) | 103 | % | 88-117 | | 1 | | 09/26/12 14:17 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 106 | % | 86-125 | | 1 | | 09/26/12 14:17 | 17060-07-0 | |
| Toluene-d8 (S) | 98 | % | 87-113 | | 1 | | 09/26/12 14:17 | 2037-26-5 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Pond #2** **Lab ID: 3567547034** Collected: 09/19/12 11:10 Received: 09/19/12 13:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **2320B Alkalinity** | Analytical Method: SM 2320B | | | | | | | | |
| Alkalinity,Bicarbonate (CaCO3) | **128** | mg/L | 5.0 | 5.0 | 1 | | 09/25/12 19:45 | | |
| Alkalinity, Carbonate (CaCO3) | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/25/12 19:45 | | |
| Alkalinity, Total as CaCO3 | **128** | mg/L | 5.0 | 5.0 | 1 | | 09/25/12 19:45 | | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **268** | mg/L | 5.0 | 5.0 | 1 | | 09/26/12 13:44 | | |
| **2540D Total Suspended Solids** | Analytical Method: SM 2540D | | | | | | | | |
| Total Suspended Solids | **9.5** | mg/L | 5.0 | 5.0 | 1 | | 09/24/12 09:40 | | |
| **5210B BOD, 5 day** | Analytical Method: SM 5210B | | | | | | | | |
| BOD, 5 day | **2.0** | mg/L | 2.0 | 2.0 | 1 | 09/20/12 09:30 | 09/25/12 20:14 | | |
| **Chlorophyll & Pheophytin** | Analytical Method: SM10200 Preparation Method: SM10200 | | | | | | | | |
| Chlorophyll a | **9.2** | ug/L | 1.0 | 1.0 | 1 | 09/20/12 08:15 | 09/21/12 22:33 | | |
| **Total Nitrogen Calculation** | Analytical Method: TKN+NOx Calculation | | | | | | | | |
| Total Nitrogen | **1.4** | mg/L | 0.50 | 0.25 | 1 | | 09/26/12 15:20 | | |
| **300.0 IC Anions** | Analytical Method: EPA 300.0 | | | | | | | | |
| Nitrate as N | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/20/12 14:58 | 14797-55-8 | |
| Nitrite as N | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/20/12 14:58 | 14797-65-0 | |
| Nitrogen, NO2 plus NO3 | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/20/12 14:58 | | |
| **300.0 IC Anions 28 Days** | Analytical Method: EPA 300.0 | | | | | | | | |
| Sulfate | **21.0** | mg/L | 5.0 | 2.5 | 1 | | 09/20/12 14:58 | 14808-79-8 | |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **0.040 I** | mg/L | 0.050 | 0.020 | 1 | | 09/26/12 11:25 | 7664-41-7 | |
| Nitrogen, Ammonia (Unionized) | **0.020U** | mg/L | 0.050 | 0.020 | 1 | | 09/26/12 11:25 | | |
| **351.2 Total Kjeldahl Nitrogen** | Analytical Method: EPA 351.2 Preparation Method: EPA 351.2 | | | | | | | | |
| Nitrogen, Kjeldahl, Total | **1.4** | mg/L | 0.50 | 0.086 | 1 | 09/25/12 09:30 | 09/25/12 17:25 | 7727-37-9 | |
| **353.2 Nitrogen, NO2/NO3 pres.** | Analytical Method: EPA 353.2 | | | | | | | | |
| Nitrogen, NO2 plus NO3 | **0.054** | mg/L | 0.050 | 0.025 | 1 | | 09/21/12 08:31 | | |
| **365.4 Phosphorus, Total** | Analytical Method: EPA 365.4 Preparation Method: EPA 365.4 | | | | | | | | |
| Phosphorus, Total (as P) | **0.67** | mg/L | 0.10 | 0.050 | 1 | 09/25/12 09:30 | 09/25/12 17:25 | 7723-14-0 | |
| **410.4 COD** | Analytical Method: EPA 410.4 | | | | | | | | |
| Chemical Oxygen Demand | **59.6** | mg/L | 20.0 | 12.5 | 1 | | 09/25/12 12:33 | | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Pond #2** **Lab ID: 3567547034** Collected: 09/19/12 11:10 Received: 09/19/12 13:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **5310B TOC** | Analytical Method: SM 5310B | | | | | | | | |
| Total Organic Carbon | **20.1** | mg/L | 1.0 | 0.50 | 1 | | 09/25/12 14:35 | 7440-44-0 | |



**REPORT OF LABORATORY ANALYSIS**

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

# BENCHMARK
## *EnviroAnalytical Inc.*

NELAC Certification # E84167

# ANALYTICAL TEST REPORT
**THESE RESULTS MEET NELAC STANDARDS**

**Submission Number :** 12090726

Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, Fl 32174

Joe Vondrick

**Project Name :** CENTRAL CTY SOLID WASTE DISPOSAL
**Date Received :** 09/19/2012
**Time Received :** 1500

Submission Number 12090726

**Sample Number:** 001
**Sample Date:** 09/19/2012
**Sample Time:** 1110

**Sample Description:** 28825 Pond 2
**Sample Method:** Grab

| Parameter | Result | Units | MDL | PQL | Procedure | Analysis Date | Analysis Time | Analyst |
|---|---|---|---|---|---|---|---|---|
| FECAL COLIFORM | 1200 B | #/100 ML | 100 | 100 | SM9222D | 09/19/2012 | 16:00 | MR |

# BENCHMARK
## *EnviroAnalytical Inc.*

NELAC Certification # E84167

09/27/2012

Dale D. Dixon / Laboratory Director — Date

Tülay Tanrisever/ QC Officer

Jennifer Jordan / QC Officer

**DATA QUALIFIERS THAT MAY APPLY:**

A = Value reported is an average of two or more determinations.

B = Results based upon colony counts outside the ideal range.

H = Value based on field kit determination. Results may not be accurate.

I = Reported value is between the laboratory MDL and the PQL.

J = Estimated value.

J1 = Est. value surrogate recovery limits exceeded.

J2 = Est. value. No quality control criteria exists for component.

J3 = Est. value quality control criteria for precision or accuracy not met.

J4 = Est. value. Sample matrix interference suspected.

J5 = Est. value. Data questionable due to improper lab or field protocols

K = Off-scale low. Value is known to be < the value reported.

L = Off-scale high. Value is known to be > the value reported

**NOTES:**

PQL = 4xMDL

MBAS calculated as LAS; molecular weight = 348.

X = Value exceed MCL

N = Presumptive evidence of presence of material.

O = Sampled, but analysis lost or not performed.

Q = Sample held beyond accepted hold time.

T = Value reported is < MDL. Reported for informational purposes only and shall not be used in statistical analysis.

U = Analyte analyzed but not detected at the value indicated.

V = Analyte detected in sample and method blank.Results for this analyte in associated samples may be biased high. Standard , Duplicate and Spike values are within control limits. Reported data are usable

Y = Analysis performed on an improperly preserved sample. Data may be inaccurate.

Z = Too many colonies were present (TNTC). The numeric value represents the filtration volume.

! = Data deviate from historically established concentration ranges.

? = Data rejected and should not be used. Some or all of QC data were outside criteria, and the Presence or absence of the analyte cannot be determined from the data.

* = Not reported due to interference.

ND = Not Detected at or above adjusted reporting limit.

NOTES:

For questions and comments regarding these results, please contact Bettina Beilfuss at (941) 723-9986

*Results relate only to the samples.*

# CHAIN OF CUSTODY RECORD

No. E

Page 1 of 2

**Pace Analytical**
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 • FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

FOR LAB USE ONLY
Condition of Contents:
Temp. of Contents: 4.1 °C (or Received on Ice, ROI)
Condition of Seals:

FOR LAB USE ONLY
Submission No.

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: 1255 T Mabry Carlton Parkway
City Venice State Fl. Zip Code 34293
Phone: (941)650-9834
Fax: (941)480-3558

2. Report to: (if different from above)
Cesar Rodriguez

Address:
City State Zip Code
Phone: ( )
Fax: ( )

18. Report Type
X Routine
With QC

19. Turnaround Time
X Standard
Rush : / /

3. Client Project Name:
Central Cty Solid Waste disposal surface water

4. Client Project No.:

No.: 120293

6. Custody Seal No.:

7. Sampled By: Alison Eggleston

8. Shipping Method:

| Water Sample Codes (for Item 13) | Container Codes (for Item 16) |
|---|---|
| DW = Drinking Water | V = VOA vial |
| GW = Ground Water | G = glass |
| SW = Surface Water | P = plastic |
| PW = Processed Water | M = micro bag/cup |
| WW = Waste Water | O = other |

| Preservative Codes (for Item 15) |
|---|
| C = Cool Only |
| H = Hydrochloric Acid |
| M = Monochloroacetic Acid |
| N = Nitric Acid |
| OH = Sodium Hydroxide |
| S = Sulfuric Acid |
| T = Sodium Thiosulfate |

14. 15. Preservatives: H C H N S C C T
16. Containers: V V V P P P P M

| Item | 9. Sample ID or No. | 10. Sample Description | 11. Date | 11. Time | 12. Comp. | 12. Grab | 13. Water (Codes) | Air | Soil | Sludge | Other | 17. VOC 258 App I | EDB 258 App I | TOC | Metals 258 App I ( | Nutrients 258 App. | Misc Inorganics | Chlorophyll A | Fecal coliform | 20. REMARK | LAB USE ONLY LAB SAMPLE NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 28825 | Pond 2 | 9/19/12 | 1110 | | X | SW | | | | | A,B,C | | | | | | | | | 12090726-1 |
| 2 | | | | | | X | SW | | | | | | D,E | | | | | | | H: Ca,Fe,Mg,Hg,K, Na | |
| 3 | | | | | | X | SW | | | | | | | F,G | | | | | | F,G: TOC | |
| 4 | | | | | | X | SW | | | | | | | | H | | | | | I: Un-ionized Ammonia, | |
| 5 | | | | | | X | SW | | | | | | | | | I | | | | Tot N, total phosphorus, Nitrate | |
| 6 | | | | | | X | SW | | | | | | | | | | KL | | | K,L,: TDS,COD, BOD, Tot. hardness | |
| 7 | | | | | | X | SW | | | | | | | | | | | O | | TSS, Bicarbonate, Carbonate, Sulfate | |
| 8 | | ▼ | | | | X | SW | | | | | | | | | | | | P | | |
| 9 | | ▼ | ↓ | ↓ | | X | SW | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | P:Fecal coliform, O:Chlorophyll A | |

| 21. RELINQUISHED BY | DATE | TIME | 22. RECEIVED BY | DATE | TIME |
|---|---|---|---|---|---|
| 1 Alison Eggleston | 9/19/12 | 1300 | | 9/19/12 | 1500 |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |

FOR LAB USE ONLY
Sampling Fee: _____ Hrs.
Equipment Rental Fee: _____
Profile No.: Quote No.:

DISTRIBUTION: White with report; make copies as needed

Revised: 1/99

PLEASE USE ADAPT

3 of 3

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Trip Blank B** **Lab ID: 3567547035** Collected: 09/19/12 08:00 Received: 09/19/12 13:00 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 | | 09/26/12 08:29 | 67-64-1 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 08:29 | 107-13-1 | |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/26/12 08:29 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/26/12 08:29 | 75-27-4 | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 08:29 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 08:29 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/26/12 08:29 | 74-87-3 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/26/12 08:29 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 74-95-3 | |
| 1,2-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 95-50-1 | |
| 1,4-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 08:29 | 110-57-6 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 78-87-5 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 08:29 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 08:29 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 100-41-4 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 08:29 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 74-88-4 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/26/12 08:29 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 08:29 | 108-10-1 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/26/12 08:29 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 108-88-3 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/26/12 08:29 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/26/12 08:29 | 108-05-4 | |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:29 | 1330-20-7 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Trip Blank B** **Lab ID: 3567547035** Collected: 09/19/12 08:00 Received: 09/19/12 13:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 92 | % | 70-114 | | 1 | | 09/26/12 08:29 | 460-00-4 | |
| Dibromofluoromethane (S) | 100 | % | 88-117 | | 1 | | 09/26/12 08:29 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 103 | % | 86-125 | | 1 | | 09/26/12 08:29 | 17060-07-0 | |
| Toluene-d8 (S) | 98 | % | 87-113 | | 1 | | 09/26/12 08:29 | 2037-26-5 | |



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

Pace Analytical®
www.pacelabs.com

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Field Blank sw** **Lab ID: 3567547036** Collected: 09/19/12 10:10 Received: 09/19/12 13:00 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 | 0.000066 | 1 | 10/03/12 11:57 | 10/08/12 12:32 | 7439-97-6 | 1p |
| **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 | 09/24/12 13:00 | 09/25/12 10:28 | 96-12-8 | |
| 1,2-Dibromoethane (EDB) | **0.0062U** | ug/L | 0.010 | 0.0062 | 1 | 09/24/12 13:00 | 09/25/12 10:28 | 106-93-4 | |
| **6010 MET ICP** | Analytical Method: EPA 6010 Preparation Method: EPA 3010 | | | | | | | | |
| Antimony | **5.0U** | ug/L | 15.0 | 5.0 | 1 | 09/20/12 10:52 | 09/21/12 10:30 | 7440-36-0 | |
| Arsenic | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/20/12 10:52 | 09/21/12 10:30 | 7440-38-2 | |
| Barium | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/20/12 10:52 | 09/21/12 10:30 | 7440-39-3 | |
| Calcium | **0.25U** | mg/L | 0.50 | 0.25 | 1 | 09/20/12 10:52 | 09/21/12 10:30 | 7440-70-2 | |
| Chromium | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/24/12 12:18 | 09/25/12 04:34 | 7440-47-3 | |
| Cobalt | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/20/12 10:52 | 09/21/12 10:30 | 7440-48-4 | |
| Iron | **20.0U** | ug/L | 40.0 | 20.0 | 1 | 09/24/12 12:18 | 09/25/12 04:34 | 7439-89-6 | |
| Magnesium | **0.25U** | mg/L | 0.50 | 0.25 | 1 | 09/20/12 10:52 | 09/21/12 10:30 | 7439-95-4 | |
| Nickel | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/20/12 10:52 | 09/21/12 10:30 | 7440-02-0 | |
| Potassium | **0.50U** | mg/L | 1.0 | 0.50 | 1 | 09/20/12 10:52 | 09/21/12 10:30 | 7440-09-7 | |
| Sodium | **0.58 I** | mg/L | 1.0 | 0.50 | 1 | 09/20/12 10:52 | 09/21/12 10:30 | 7440-23-5 | |
| Tot Hardness asCaCO3 (SM 2340B | **1.6U** | mg/L | 3.2 | 1.6 | 1 | 09/20/12 10:52 | 09/21/12 10:30 | | |
| Vanadium | **5.0U** | ug/L | 10.0 | 5.0 | 1 | 09/20/12 10:52 | 09/21/12 10:30 | 7440-62-2 | |
| **6020 MET ICPMS** | Analytical Method: EPA 6020 Preparation Method: EPA 3010 | | | | | | | | |
| Beryllium | **0.050U** | ug/L | 0.10 | 0.050 | 1 | 09/20/12 10:52 | 09/21/12 20:40 | 7440-41-7 | |
| Cadmium | **0.050U** | ug/L | 0.10 | 0.050 | 1 | 09/20/12 10:52 | 09/21/12 20:40 | 7440-43-9 | |
| Copper | **0.93U** | ug/L | 1.0 | 0.93 | 1 | 09/20/12 10:52 | 09/21/12 20:40 | 7440-50-8 | |
| Lead | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/20/12 10:52 | 09/21/12 20:40 | 7439-92-1 | |
| Selenium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/20/12 10:52 | 09/21/12 20:40 | 7782-49-2 | |
| Silver | **0.050U** | ug/L | 0.10 | 0.050 | 1 | 09/20/12 10:52 | 09/21/12 20:40 | 7440-22-4 | |
| Thallium | **0.50U** | ug/L | 1.0 | 0.50 | 1 | 09/20/12 10:52 | 09/21/12 20:40 | 7440-28-0 | |
| Zinc | **2.5U** | ug/L | 5.0 | 2.5 | 1 | 09/20/12 10:52 | 09/21/12 20:40 | 7440-66-6 | |
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Acetone | **5.5 I** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 08:52 | 67-64-1 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 08:52 | 107-13-1 | |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/26/12 08:52 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/26/12 08:52 | 75-27-4 | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 08:52 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 08:52 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 67-66-3 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Field Blank sw** **Lab ID: 3567547036** Collected: 09/19/12 10:10 Received: 09/19/12 13:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/26/12 08:52 | 74-87-3 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/26/12 08:52 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 74-95-3 | |
| 1,2-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 95-50-1 | |
| 1,4-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 08:52 | 110-57-6 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 78-87-5 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 08:52 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 08:52 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 100-41-4 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 08:52 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 74-88-4 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/26/12 08:52 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 08:52 | 108-10-1 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/26/12 08:52 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 108-88-3 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/26/12 08:52 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/26/12 08:52 | 108-05-4 | |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:52 | 1330-20-7 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 92 | % | 70-114 | | 1 | | 09/26/12 08:52 | 460-00-4 | |
| Dibromofluoromethane (S) | 106 | % | 88-117 | | 1 | | 09/26/12 08:52 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 110 | % | 86-125 | | 1 | | 09/26/12 08:52 | 17060-07-0 | |
| Toluene-d8 (S) | 98 | % | 87-113 | | 1 | | 09/26/12 08:52 | 2037-26-5 | |
| **2320B Alkalinity** | Analytical Method: SM 2320B | | | | | | | | |
| Alkalinity,Bicarbonate (CaCO3) | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/25/12 19:49 | | |
| Alkalinity, Carbonate (CaCO3) | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/25/12 19:49 | | |
| Alkalinity, Total as CaCO3 | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/25/12 19:49 | | |
| **2540C Total Dissolved Solids** | Analytical Method: SM 2540C | | | | | | | | |
| Total Dissolved Solids | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/26/12 13:44 | | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Field Blank sw** **Lab ID: 3567547036** Collected: 09/19/12 10:10 Received: 09/19/12 13:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **2540D Total Suspended Solids** | Analytical Method: SM 2540D | | | | | | | | |
| Total Suspended Solids | **5.0U** | mg/L | 5.0 | 5.0 | 1 | | 09/24/12 09:40 | | |
| **5210B BOD, 5 day** | Analytical Method: SM 5210B | | | | | | | | |
| BOD, 5 day | **2.0U** | mg/L | 2.0 | 2.0 | 1 | 09/20/12 09:30 | 09/25/12 20:15 | | |
| **Chlorophyll & Pheophytin** | Analytical Method: SM10200 Preparation Method: SM10200 | | | | | | | | |
| Chlorophyll a | **1.0U** | ug/L | 1.0 | 1.0 | 1 | 09/20/12 08:15 | 09/21/12 22:33 | | |
| **Total Nitrogen Calculation** | Analytical Method: TKN+NOx Calculation | | | | | | | | |
| Total Nitrogen | **0.25U** | mg/L | 0.50 | 0.25 | 1 | | 09/26/12 15:20 | | |
| **300.0 IC Anions** | Analytical Method: EPA 300.0 | | | | | | | | |
| Nitrate as N | **0.025U** | mg/L | 0.050 | 0.025 | 1 | | 09/20/12 15:10 | 14797-55-8 | |
| **300.0 IC Anions 28 Days** | Analytical Method: EPA 300.0 | | | | | | | | |
| Sulfate | **2.5U** | mg/L | 5.0 | 2.5 | 1 | | 09/20/12 15:10 | 14808-79-8 | |
| **350.1 Ammonia** | Analytical Method: EPA 350.1 | | | | | | | | |
| Nitrogen, Ammonia | **0.020U** | mg/L | 0.050 | 0.020 | 1 | | 09/26/12 11:26 | 7664-41-7 | |
| Nitrogen, Ammonia (Unionized) | **0.020U** | mg/L | 0.050 | 0.020 | 1 | | 09/26/12 11:26 | | |
| **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 | 09/25/12 09:30 | 09/25/12 17:26 | 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 | | 09/21/12 08:32 | | |
| **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 | 09/25/12 09:30 | 09/25/12 17:26 | 7723-14-0 | |
| **410.4 COD** | Analytical Method: EPA 410.4 | | | | | | | | |
| Chemical Oxygen Demand | **12.5U** | mg/L | 20.0 | 12.5 | 1 | | 09/25/12 12:33 | | |
| **5310B TOC** | Analytical Method: SM 5310B | | | | | | | | |
| Total Organic Carbon | **0.50U** | mg/L | 1.0 | 0.50 | 1 | | 09/25/12 14:48 | 7440-44-0 | |



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

# BENCHMARK
## *EnviroAnalytical Inc.*

NELAC Certification # E84167

# ANALYTICAL TEST REPORT
## THESE RESULTS MEET NELAC STANDARDS

**Submission Number :** 12090727

Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, Fl 32174

Joe Vondrick

**Project Name :** CENTRAL CTY SOLID WASTE DISPOSAL
**Date Received :** 09/19/2012
**Time Received :** 1500

Submission Number 12090727

**Sample Number:** 001
**Sample Date:** 09/19/2012
**Sample Time:** 1010

**Sample Description:** Field Blank
**Sample Method:** Grab

| Parameter | Result | Units | MDL | PQL | Procedure | Analysis Date | Analysis Time | Analyst |
|---|---|---|---|---|---|---|---|---|
| FECAL COLIFORM | 10 U | #/100 ML | 10 | 10 | SM9222D | 09/19/2012 | 16:00 | MR |

# BENCHMARK
## *EnviroAnalytical Inc.*

NELAC Certification # E84167

09/27/2012

Dale D. Dixon / Laboratory Director — Date

Tülay Tanrisever/ QC Officer

Jennifer Jordan / QC Officer

**DATA QUALIFIERS THAT MAY APPLY:**

A = Value reported is an average of two or more determinations.

B = Results based upon colony counts outside the ideal range.

H = Value based on field kit determination. Results may not be accurate.

I = Reported value is between the laboratory MDL and the PQL.

J = Estimated value.

J1 = Est. value surrogate recovery limits exceeded.

J2 = Est. value. No quality control criteria exists for component.

J3 = Est. value quality control criteria for precision or accuracy not met.

J4 = Est. value. Sample matrix interference suspected.

J5 = Est. value. Data questionable due to improper lab or field protocols

K = Off-scale low. Value is known to be < the value reported.

L = Off-scale high. Value is known to be > the value reported

**NOTES:**

PQL = 4xMDL.

MBAS calculated as LAS; molecular weight = 348.

X = Value exceed MCL.

N = Presumptive evidence of presence of material.

O = Sampled, but analysis lost or not performed.

Q = Sample held beyond accepted hold time.

T = Value reported is < MDL. Reported for informational purposes only and shall not be used in statistical analysis.

U = Analyte analyzed but not detected at the value indicated.

V = Analyte detected in sample and method blank.Results for this analyte in associated samples may be biased high. Standard , Duplicate and Spike values are within control limits. Reported data are usable

Y = Analysis performed on an improperly preserved sample. Data may be inaccurate.

Z = Too many colonies were present (TNTC). The numeric value represents the filtration volume.

I = Data deviate from historically established concentration ranges.

? = Data rejected and should not be used. Some or all of QC data were outside criteria, and the Presence or absence of the analyte cannot be determined from the data.

* = Not reported due to interference.

ND = Not Detected at or above adjusted reporting limit.

NOTES:

For questions and comments regarding these results, please contact Bettina Beilfuss at (941) 723-9986

*Results relate only to the samples.*

# CHAIN OF CUSTODY RECORD

No. E

Page 1 of 2

**Pace Analytical**
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 • FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

FOR LAB USE ONLY
Temp. of Contents: 4.1 °C (or Received on Ice, ROI)
Condition of Contents:
Condition of Seals:

FOR LAB USE ONLY
Submission No.

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: 1255 T Mabry Carlton Parkway
City Venice State Fl. Zip Code 34293
Phone: (941)650-9834
Fax: (941)480-3558

2. Report to: (if different from above)
Cesar Rodriguez

Address:
City State Zip Code
Phone: ( )
Fax: ( )

13. Report Type
X Routine
With QC

19. Turnaround Time
X Standard
Rush: / /

3. Client Project Name:
Central Cty Solid Waste disposal surface water

4. Client Project No.:
No.: 120293

6. Custody Seal No.:

7. Sampled By: Alison Eggleston

8. Shipping Method:

| Water Sample Codes (for Item 13) | Container Codes (for Item 16) |
|---|---|
| DW = Drinking Water | V = VOA vial |
| GW = Ground Water | G = glass |
| SW = Surface Water | P = plastic |
| PW = Processed Water | M = micro bag/cup |
| WW = Waste Water | O = other |

Preservative Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

14. 15. Preservatives: H C H N S C C T
16. Containers: V V V P P P P M

| Item | 9. Sample ID or No. | 10. Sample Description | 11. Date | 11. Time | 12. Comp. | 12. Grab | 13. Water (Codes) | Air | Soil | Sludge | Other | 17. VOC 258 App I | EDB 258 App I | TOC | Metals 258 App I | Nutrients 258 App. | Misc Inorganics | Chlorophyll A | Fecal coliform | 20. REMARK | LAB USE ONLY LAB SAMPLE NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | field blank | 091912 | 1016 | | X | SW | | | | | A,B,C | | | | | | | | | 12090727-1 |
| 2 | | " | " | " | | X | SW | | | | | | D,E | | | | | | | H: Ca,Fe,Mg,Hg,K, Na | |
| 3 | | " | " | " | | X | SW | | | | | | | F,G | | | | | | F,G: TOC | |
| 4 | | " | " | " | | X | SW | | | | | | | | H | | | | | I: Un-ionized Ammonia, | |
| 5 | | " | " | " | | X | SW | | | | | | | | | I | | | | Tot N, total phosphorus, Nitrate | |
| 6 | | " | " | " | | X | SW | | | | | | | | | | KL | | | K,L,: TDS,COD, BOD, Tot. hardness | |
| 7 | | " | " | " | | X | SW | | | | | | | | | | | O | | TSS, Bicarbonate, Carbonate, Sulfate | |
| 8 | | ▼ | | | | X | SW | | | | | | | | | | | | P | | |
| 9 | | ▼ | ↓ | ↓ | | X | SW | | | | | | | | | | | | | | |
| 10 | | Trip blank A | 091912 | | | | | | | | | X | | | | | | | | P:Fecal coliform, O:Chlorophyll A | |

| | 21. RELINQUISHED BY | DATE | TIME | 22. RECEIVED BY | DATE | TIME |
|---|---|---|---|---|---|---|
| 1 | Alison J Eggleston | 091912 | 1300 | | 9/19/12 | 1500 |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |

FOR LAB USE ONLY
Sampling Fee: _____ Hrs.
Equipment Rental Fee: _____
Profile No.: Quote No.:

DISTRIBUTION: White with report; make copies as needed

Revised: 1/99

PLEASE USE ADAPT

Cooler #1

3 of 3

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Trip Blank A** **Lab ID: 3567547037** Collected: 09/19/12 08:00 Received: 09/19/12 13:00 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 | | 09/26/12 08:47 | 67-64-1 | |
| Acrylonitrile | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 08:47 | 107-13-1 | |
| Benzene | **0.10U** | ug/L | 1.0 | 0.10 | 1 | | 09/26/12 08:47 | 71-43-2 | |
| Bromochloromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 74-97-5 | |
| Bromodichloromethane | **0.27U** | ug/L | 0.60 | 0.27 | 1 | | 09/26/12 08:47 | 75-27-4 | |
| Bromoform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 75-25-2 | |
| Bromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 74-83-9 | |
| 2-Butanone (MEK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 08:47 | 78-93-3 | |
| Carbon disulfide | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 08:47 | 75-15-0 | |
| Carbon tetrachloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 56-23-5 | |
| Chlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 108-90-7 | |
| Chloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 75-00-3 | |
| Chloroform | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 67-66-3 | |
| Chloromethane | **0.62U** | ug/L | 1.0 | 0.62 | 1 | | 09/26/12 08:47 | 74-87-3 | |
| Dibromochloromethane | **0.26U** | ug/L | 0.50 | 0.26 | 1 | | 09/26/12 08:47 | 124-48-1 | |
| Dibromomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 74-95-3 | |
| 1,2-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 95-50-1 | |
| 1,4-Dichlorobenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 08:47 | 110-57-6 | |
| 1,1-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 75-34-3 | |
| 1,2-Dichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 107-06-2 | |
| 1,1-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 75-35-4 | |
| cis-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 156-59-2 | |
| trans-1,2-Dichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 156-60-5 | |
| 1,2-Dichloropropane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 78-87-5 | |
| cis-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 08:47 | 10061-01-5 | |
| trans-1,3-Dichloropropene | **0.25U** | ug/L | 0.50 | 0.25 | 1 | | 09/26/12 08:47 | 10061-02-6 | |
| Ethylbenzene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 100-41-4 | |
| 2-Hexanone | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 08:47 | 591-78-6 | |
| Iodomethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 74-88-4 | |
| Methylene Chloride | **2.5U** | ug/L | 5.0 | 2.5 | 1 | | 09/26/12 08:47 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | **5.0U** | ug/L | 10.0 | 5.0 | 1 | | 09/26/12 08:47 | 108-10-1 | |
| Styrene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | **0.12U** | ug/L | 0.50 | 0.12 | 1 | | 09/26/12 08:47 | 79-34-5 | |
| Tetrachloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 127-18-4 | |
| Toluene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 108-88-3 | |
| 1,1,1-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 79-00-5 | |
| Trichloroethene | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 79-01-6 | |
| Trichlorofluoromethane | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 75-69-4 | |
| 1,2,3-Trichloropropane | **0.36U** | ug/L | 0.50 | 0.36 | 1 | | 09/26/12 08:47 | 96-18-4 | |
| Vinyl acetate | **1.0U** | ug/L | 2.0 | 1.0 | 1 | | 09/26/12 08:47 | 108-05-4 | |
| Vinyl chloride | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 75-01-4 | |
| Xylene (Total) | **0.50U** | ug/L | 1.0 | 0.50 | 1 | | 09/26/12 08:47 | 1330-20-7 | |



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

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

## ANALYTICAL RESULTS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**Sample: Trip Blank A** **Lab ID: 3567547037** Collected: 09/19/12 08:00 Received: 09/19/12 13:00 Matrix: Water

| Parameters | Results | Units | PQL | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **8260 MSV** | Analytical Method: EPA 8260 | | | | | | | | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 86 | % | 70-114 | | 1 | | 09/26/12 08:47 | 460-00-4 | |
| Dibromofluoromethane (S) | 101 | % | 88-117 | | 1 | | 09/26/12 08:47 | 1868-53-7 | |
| 1,2-Dichloroethane-d4 (S) | 105 | % | 86-125 | | 1 | | 09/26/12 08:47 | 17060-07-0 | |
| Toluene-d8 (S) | 104 | % | 87-113 | | 1 | | 09/26/12 08:47 | 2037-26-5 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: CVFS/3497 Analysis Method: EPA 1631E
QC Batch Method: EPA 1631E Analysis Description: 1631E Mercury
Associated Lab Samples: 3567547033, 3567547034, 3567547036

METHOD BLANK: 685709 Matrix: Water
Associated Lab Samples: 3567547033, 3567547034, 3567547036

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ug/L | ND | 0.00050 | 10/08/12 10:20 | |

METHOD BLANK: 685710 Matrix: Water
Associated Lab Samples: 3567547033, 3567547034, 3567547036

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ug/L | 0.000135 I | 0.00050 | 10/08/12 11:42 | |

METHOD BLANK: 685711 Matrix: Water
Associated Lab Samples: 3567547033, 3567547034, 3567547036

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ug/L | 0.000194 I | 0.00050 | 10/08/12 13:04 | |

LABORATORY CONTROL SAMPLE & LCSD: 685712 685713

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ug/L | .005 | 0.00521 | 0.00533 | 104 | 107 | 79-121 | 2 | 24 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 688900 688901

| Parameter | Units | 92132203001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ug/L | 4.01 ng/L | .02 | .02 | 0.0239 | 0.0239 | 99 | 99 | 75-125 | 0 | 24 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 688902 688903

| Parameter | Units | 92132211001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ug/L | 17900 ng/L | 40 | 40 | 60.7 | 60.1 | 107 | 106 | 75-125 | 1 | 24 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 688904 688905

| Parameter | Units | 3567547033 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ug/L | 0.00119 | .005 | .005 | 0.00643 | 0.00646 | 105 | 106 | 75-125 | 1 | 24 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: MERP/3119 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 3567547001, 3567547002, 3567547003, 3567547004, 3567547005, 3567547006

METHOD BLANK: 464214 Matrix: Water
Associated Lab Samples: 3567547001, 3567547002, 3567547003, 3567547004, 3567547005, 3567547006

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ug/L | 0.10U | 0.20 | 09/13/12 12:02 | |

LABORATORY CONTROL SAMPLE: 464215

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Mercury | ug/L | 2 | 1.8 | 90 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 464285 464286

| Parameter | Units | 3567515003 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ug/L | <0.10 | 2 | 2 | 1.8 | 1.7 | 88 | 84 | 80-120 | 4 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: MERP/3126 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 3567547008, 3567547009, 3567547015, 3567547016, 3567547017, 3567547018

METHOD BLANK: 466129 Matrix: Water
Associated Lab Samples: 3567547008, 3567547009, 3567547015, 3567547016, 3567547017, 3567547018

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ug/L | 0.10U | 0.20 | 09/17/12 08:12 | |

LABORATORY CONTROL SAMPLE: 466130

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Mercury | ug/L | 2 | 1.9 | 95 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 466410 466411

| Parameter | Units | 3567547008 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 | 1.6 | 1.6 | 77 | 77 | 80-120 | 0 | 20 | J(M1) |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: MERP/3134 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 3567547020, 3567547021, 3567547022, 3567547023

METHOD BLANK: 466823 Matrix: Water
Associated Lab Samples: 3567547020, 3567547021, 3567547022, 3567547023

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ug/L | 0.10U | 0.20 | 09/18/12 09:39 | |

LABORATORY CONTROL SAMPLE: 466824

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 466825 466826

| Parameter | Units | 3567547023 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ug/L | 0.10U | 2 | 2 | 1.7 | 1.6 | 84 | 82 | 80-120 | 2 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: MERP/3141 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

METHOD BLANK: 468650 Matrix: Water
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ug/L | 0.10U | 0.20 | 09/21/12 11:38 | |

LABORATORY CONTROL SAMPLE: 468651

| 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: 468652 468653

| Parameter | Units | 3568331001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ug/L | 0.10U | 2 | 2 | 2.0 | 1.8 | 102 | 92 | 80-120 | 10 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: MPRP/10260 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 3567547001, 3567547002, 3567547003, 3567547004, 3567547005, 3567547006

METHOD BLANK: 464442 Matrix: Water
Associated Lab Samples: 3567547001, 3567547002, 3567547003, 3567547004, 3567547005, 3567547006

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Aluminum | ug/L | 50.0U | 100 | 09/17/12 02:47 | |
| Arsenic | ug/L | 5.0U | 10.0 | 09/17/12 02:47 | |
| Barium | ug/L | 5.0U | 10.0 | 09/17/12 02:47 | |
| Beryllium | ug/L | 0.50U | 1.0 | 09/17/12 02:47 | |
| Cadmium | ug/L | 0.50U | 1.0 | 09/17/12 02:47 | |
| Calcium | mg/L | 0.25U | 0.50 | 09/17/12 02:47 | |
| Chromium | ug/L | 2.5U | 5.0 | 09/17/12 02:47 | |
| Cobalt | ug/L | 5.0U | 10.0 | 09/17/12 02:47 | |
| Copper | ug/L | 2.5U | 5.0 | 09/17/12 02:47 | |
| Iron | ug/L | 20.0U | 40.0 | 09/17/12 02:47 | |
| Lead | ug/L | 5.0U | 10.0 | 09/17/12 02:47 | |
| Magnesium | mg/L | 0.25U | 0.50 | 09/17/12 02:47 | |
| Manganese | ug/L | 2.5U | 5.0 | 09/17/12 02:47 | |
| Nickel | ug/L | 2.5U | 5.0 | 09/17/12 02:47 | |
| Potassium | mg/L | 0.50U | 1.0 | 09/17/12 02:47 | |
| Selenium | ug/L | 7.5U | 15.0 | 09/17/12 02:47 | |
| Silver | ug/L | 2.5U | 5.0 | 09/17/12 02:47 | |
| Sodium | mg/L | 0.50U | 1.0 | 09/14/12 23:54 | |
| Vanadium | ug/L | 5.0U | 10.0 | 09/17/12 02:47 | |
| Zinc | ug/L | 10.0U | 20.0 | 09/17/12 02:47 | |

LABORATORY CONTROL SAMPLE: 464443

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Aluminum | ug/L | 2500 | 2410 | 97 | 80-120 | |
| Arsenic | ug/L | 250 | 234 | 94 | 80-120 | |
| Barium | ug/L | 250 | 239 | 96 | 80-120 | |
| Beryllium | ug/L | 25 | 24.4 | 98 | 80-120 | |
| Cadmium | ug/L | 25 | 24.2 | 97 | 80-120 | |
| Calcium | mg/L | 12.5 | 12.0 | 96 | 80-120 | |
| Chromium | ug/L | 250 | 248 | 99 | 80-120 | |
| Cobalt | ug/L | 250 | 250 | 100 | 80-120 | |
| Copper | ug/L | 250 | 244 | 97 | 80-120 | |
| Iron | ug/L | 2500 | 2480 | 99 | 80-120 | |
| Lead | ug/L | 250 | 252 | 101 | 80-120 | |
| Magnesium | mg/L | 12.5 | 11.8 | 95 | 80-120 | |
| Manganese | ug/L | 250 | 249 | 100 | 80-120 | |
| Nickel | ug/L | 250 | 250 | 100 | 80-120 | |
| Potassium | mg/L | 12.5 | 11.7 | 94 | 80-120 | |
| Selenium | ug/L | 250 | 235 | 94 | 80-120 | |
| Silver | ug/L | 25 | 24.5 | 98 | 80-120 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

LABORATORY CONTROL SAMPLE: 464443

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Sodium | mg/L | 12.5 | 12.3 | 98 | 80-120 | |
| Vanadium | ug/L | 250 | 249 | 100 | 80-120 | |
| Zinc | ug/L | 1250 | 1180 | 94 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 464444 464445

| Parameter | Units | 3567671001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | ug/L | <50.0 | 2500 | 2500 | 2440 | 2460 | 96 | 97 | 75-125 | 7 | 20 | |
| Arsenic | ug/L | <5.0 | 250 | 250 | 246 | 240 | 98 | 96 | 75-125 | 3 | 20 | |
| Barium | ug/L | 61.6 | 250 | 250 | 305 | 303 | 98 | 96 | 75-125 | 9 | 20 | |
| Beryllium | ug/L | <0.50 | 25 | 25 | 25.0 | 24.6 | 100 | 98 | 75-125 | 1 | 20 | |
| Cadmium | ug/L | <0.50 | 25 | 25 | 24.2 | 23.8 | 96 | 94 | 75-125 | 2 | 20 | |
| Calcium | mg/L | 204 | 12.5 | 12.5 | 223 | 225 | 149 | 164 | 75-125 | 8 | 20 | J(M1) |
| Chromium | ug/L | <2.5 | 250 | 250 | 251 | 247 | 99 | 98 | 75-125 | 2 | 20 | |
| Cobalt | ug/L | <5.0 | 250 | 250 | 248 | 243 | 99 | 97 | 75-125 | 2 | 20 | |
| Copper | ug/L | 3.5 I | 250 | 250 | 260 | 258 | 103 | 102 | 75-125 | 8 | 20 | |
| Iron | ug/L | 261 | 2500 | 2500 | 2680 | 2670 | 97 | 96 | 75-125 | 6 | 20 | |
| Lead | ug/L | <5.0 | 250 | 250 | 249 | 242 | 99 | 95 | 75-125 | 3 | 20 | |
| Magnesium | mg/L | 18.7 | 12.5 | 12.5 | 31.2 | 31.2 | 100 | 100 | 75-125 | 1 | 20 | |
| Manganese | ug/L | 13.3 | 250 | 250 | 262 | 258 | 99 | 98 | 75-125 | 2 | 20 | |
| Nickel | ug/L | <2.5 | 250 | 250 | 247 | 241 | 98 | 96 | 75-125 | 2 | 20 | |
| Potassium | mg/L | 28.8 | 12.5 | 12.5 | 42.7 | 42.6 | 111 | 110 | 75-125 | 2 | 20 | |
| Selenium | ug/L | <7.5 | 250 | 250 | 191 | 192 | 76 | 76 | 75-125 | 5 | 20 | |
| Silver | ug/L | <2.5 | 25 | 25 | 26.2 | 25.4 | 105 | 102 | 75-125 | 3 | 20 | |
| Sodium | mg/L | 51.8 | 12.5 | 12.5 | 66.1 | 66.4 | 114 | 116 | 75-125 | 4 | 20 | |
| Vanadium | ug/L | 5.4 I | 250 | 250 | 258 | 253 | 101 | 99 | 75-125 | 2 | 20 | |
| Zinc | ug/L | <10.0 | 1250 | 1250 | 1230 | 1200 | 98 | 96 | 75-125 | 2 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: MPRP/10290 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 3567547008, 3567547009, 3567547015, 3567547016, 3567547017, 3567547018

METHOD BLANK: 465441 Matrix: Water
Associated Lab Samples: 3567547008, 3567547009, 3567547015, 3567547016, 3567547017, 3567547018

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Aluminum | ug/L | 50.0U | 100 | 09/18/12 12:10 | |
| Arsenic | ug/L | 5.0U | 10.0 | 09/18/12 12:10 | |
| Barium | ug/L | 5.0U | 10.0 | 09/18/12 12:10 | |
| Beryllium | ug/L | 0.50U | 1.0 | 09/18/12 12:10 | |
| Cadmium | ug/L | 0.50U | 1.0 | 09/18/12 12:10 | |
| Calcium | mg/L | 0.25U | 0.50 | 09/18/12 12:10 | |
| Chromium | ug/L | 2.5U | 5.0 | 09/18/12 12:10 | |
| Cobalt | ug/L | 5.0U | 10.0 | 09/18/12 12:10 | |
| Copper | ug/L | 2.5U | 5.0 | 09/18/12 12:10 | |
| Iron | ug/L | 20.0U | 40.0 | 09/18/12 12:10 | |
| Lead | ug/L | 5.0U | 10.0 | 09/18/12 12:10 | |
| Magnesium | mg/L | 0.25U | 0.50 | 09/18/12 12:10 | |
| Manganese | ug/L | 2.5U | 5.0 | 09/18/12 12:10 | |
| Nickel | ug/L | 2.5U | 5.0 | 09/18/12 12:10 | |
| Potassium | mg/L | 0.50U | 1.0 | 09/18/12 12:10 | |
| Selenium | ug/L | 7.5U | 15.0 | 09/18/12 12:10 | |
| Silver | ug/L | 2.5U | 5.0 | 09/18/12 12:10 | |
| Sodium | mg/L | 0.50U | 1.0 | 09/18/12 12:10 | |
| Vanadium | ug/L | 5.0U | 10.0 | 09/18/12 12:10 | |
| Zinc | ug/L | 10.0U | 20.0 | 09/18/12 12:10 | |

LABORATORY CONTROL SAMPLE: 465442

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Aluminum | ug/L | 2500 | 2350 | 94 | 80-120 | |
| Arsenic | ug/L | 250 | 238 | 95 | 80-120 | |
| Barium | ug/L | 250 | 242 | 97 | 80-120 | |
| Beryllium | ug/L | 25 | 25.7 | 103 | 80-120 | |
| Cadmium | ug/L | 25 | 24.8 | 99 | 80-120 | |
| Calcium | mg/L | 12.5 | 12.3 | 98 | 80-120 | |
| Chromium | ug/L | 250 | 266 | 107 | 80-120 | |
| Cobalt | ug/L | 250 | 250 | 100 | 80-120 | |
| Copper | ug/L | 250 | 272 | 109 | 80-120 | |
| Iron | ug/L | 2500 | 2430 | 97 | 80-120 | |
| Lead | ug/L | 250 | 251 | 100 | 80-120 | |
| Magnesium | mg/L | 12.5 | 12.2 | 98 | 80-120 | |
| Manganese | ug/L | 250 | 255 | 102 | 80-120 | |
| Nickel | ug/L | 250 | 251 | 100 | 80-120 | |
| Potassium | mg/L | 12.5 | 11.6 | 93 | 80-120 | |
| Selenium | ug/L | 250 | 245 | 98 | 80-120 | |
| Silver | ug/L | 25 | 26.4 | 106 | 80-120 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

LABORATORY CONTROL SAMPLE: 465442

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Sodium | mg/L | 12.5 | 11.6 | 93 | 80-120 | |
| Vanadium | ug/L | 250 | 252 | 101 | 80-120 | |
| Zinc | ug/L | 1250 | 1200 | 96 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 465618 465619

| Parameter | Units | 3567547017 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | ug/L | 106 | 2500 | 2500 | 2750 | 2620 | 106 | 100 | 75-125 | 5 | 20 | |
| Arsenic | ug/L | 61.8 | 250 | 250 | 324 | 317 | 105 | 102 | 75-125 | 2 | 20 | |
| Barium | ug/L | 99.7 | 250 | 250 | 360 | 344 | 104 | 98 | 75-125 | 4 | 20 | |
| Beryllium | ug/L | 0.50U | 25 | 25 | 25.9 | 25.4 | 103 | 101 | 75-125 | 2 | 20 | |
| Cadmium | ug/L | 0.50U | 25 | 25 | 24.8 | 24.6 | 99 | 98 | 75-125 | 1 | 20 | |
| Calcium | mg/L | 219 | 12.5 | 12.5 | 232 | 222 | 110 | 30 | 75-125 | 4 | 20 | J(M1) |
| Chromium | ug/L | 2.7 I | 250 | 250 | 262 | 256 | 104 | 102 | 75-125 | 2 | 20 | |
| Cobalt | ug/L | 5.0U | 250 | 250 | 261 | 257 | 104 | 103 | 75-125 | 2 | 20 | |
| Copper | ug/L | 2.5U | 250 | 250 | 263 | 254 | 105 | 102 | 75-125 | 3 | 20 | |
| Iron | ug/L | 104000 | 2500 | 2500 | 109000 | 105000 | 204 | 36 | 75-125 | 4 | 20 | J(M1) |
| Lead | ug/L | 5.0U | 250 | 250 | 260 | 256 | 104 | 102 | 75-125 | 2 | 20 | |
| Magnesium | mg/L | 19.4 | 12.5 | 12.5 | 32.5 | 31.1 | 105 | 94 | 75-125 | 4 | 20 | |
| Manganese | ug/L | 11.8 | 250 | 250 | 268 | 263 | 102 | 100 | 75-125 | 2 | 20 | |
| Nickel | ug/L | 2.5U | 250 | 250 | 257 | 252 | 103 | 101 | 75-125 | 2 | 20 | |
| Potassium | mg/L | 5.9 | 12.5 | 12.5 | 19.3 | 18.4 | 107 | 100 | 75-125 | 5 | 20 | |
| Selenium | ug/L | 18.0 | 250 | 250 | 283 | 274 | 106 | 102 | 75-125 | 3 | 20 | |
| Silver | ug/L | 2.5U | 25 | 25 | 24.4 | 25.3 | 98 | 101 | 75-125 | 4 | 20 | |
| Sodium | mg/L | 59.9 | 12.5 | 12.5 | 74.6 | 71.4 | 118 | 92 | 75-125 | 4 | 20 | |
| Vanadium | ug/L | 5.0U | 250 | 250 | 265 | 260 | 105 | 103 | 75-125 | 2 | 20 | |
| Zinc | ug/L | 10.0U | 1250 | 1250 | 1280 | 1260 | 102 | 101 | 75-125 | 2 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: MPRP/10295 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 3567547011, 3567547012, 3567547013, 3567547014

METHOD BLANK: 465663 Matrix: Water
Associated Lab Samples: 3567547011, 3567547012, 3567547013, 3567547014

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Arsenic | ug/L | 5.0U | 10.0 | 09/15/12 18:27 | |
| Iron | ug/L | 20.0U | 40.0 | 09/15/12 18:27 | |

LABORATORY CONTROL SAMPLE: 465664

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Arsenic | ug/L | 250 | 218 | 87 | 80-120 | |
| Iron | ug/L | 2500 | 2450 | 98 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 465665 465666

| Parameter | Units | 3567547012 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ug/L | 68.3 | 250 | 250 | 312 | 314 | 98 | 98 | 75-125 | .5 | 20 | |
| Iron | ug/L | 27300 | 2500 | 2500 | 29500 | 30300 | 88 | 120 | 75-125 | 3 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: MPRP/10316 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 3567547020, 3567547021, 3567547022, 3567547023

METHOD BLANK: 466402 Matrix: Water
Associated Lab Samples: 3567547020, 3567547021, 3567547022, 3567547023

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Aluminum | ug/L | 50.0U | 100 | 09/19/12 10:39 | |
| Arsenic | ug/L | 5.0U | 10.0 | 09/19/12 10:39 | |
| Barium | ug/L | 5.0U | 10.0 | 09/19/12 10:39 | |
| Beryllium | ug/L | 0.50U | 1.0 | 09/19/12 10:39 | |
| Cadmium | ug/L | 0.50U | 1.0 | 09/19/12 10:39 | |
| Calcium | mg/L | 0.25U | 0.50 | 09/19/12 10:39 | |
| Chromium | ug/L | 2.5U | 5.0 | 09/19/12 10:39 | |
| Cobalt | ug/L | 5.0U | 10.0 | 09/19/12 10:39 | |
| Copper | ug/L | 2.5U | 5.0 | 09/19/12 10:39 | |
| Iron | ug/L | 20.0U | 40.0 | 09/19/12 10:39 | |
| Lead | ug/L | 5.0U | 10.0 | 09/19/12 10:39 | |
| Magnesium | mg/L | 0.25U | 0.50 | 09/19/12 10:39 | |
| Manganese | ug/L | 2.5U | 5.0 | 09/19/12 10:39 | |
| Nickel | ug/L | 2.5U | 5.0 | 09/19/12 10:39 | |
| Potassium | mg/L | 0.50U | 1.0 | 09/19/12 10:39 | |
| Selenium | ug/L | 7.5U | 15.0 | 09/19/12 10:39 | |
| Silver | ug/L | 2.5U | 5.0 | 09/19/12 10:39 | |
| Sodium | mg/L | 0.50U | 1.0 | 09/19/12 10:39 | |
| Vanadium | ug/L | 5.0U | 10.0 | 09/19/12 10:39 | |
| Zinc | ug/L | 10.0U | 20.0 | 09/19/12 10:39 | |

LABORATORY CONTROL SAMPLE: 466403

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Aluminum | ug/L | 2500 | 2420 | 97 | 80-120 | |
| Arsenic | ug/L | 250 | 239 | 96 | 80-120 | |
| Barium | ug/L | 250 | 245 | 98 | 80-120 | |
| Beryllium | ug/L | 25 | 24.7 | 99 | 80-120 | |
| Cadmium | ug/L | 25 | 25.0 | 100 | 80-120 | |
| Calcium | mg/L | 12.5 | 12.2 | 98 | 80-120 | |
| Chromium | ug/L | 250 | 257 | 103 | 80-120 | |
| Cobalt | ug/L | 250 | 253 | 101 | 80-120 | |
| Copper | ug/L | 250 | 251 | 100 | 80-120 | |
| Iron | ug/L | 2500 | 2480 | 99 | 80-120 | |
| Lead | ug/L | 250 | 254 | 102 | 80-120 | |
| Magnesium | mg/L | 12.5 | 12.0 | 96 | 80-120 | |
| Manganese | ug/L | 250 | 253 | 101 | 80-120 | |
| Nickel | ug/L | 250 | 255 | 102 | 80-120 | |
| Potassium | mg/L | 12.5 | 11.8 | 94 | 80-120 | |
| Selenium | ug/L | 250 | 243 | 97 | 80-120 | |
| Silver | ug/L | 25 | 24.2 | 97 | 80-120 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

LABORATORY CONTROL SAMPLE: 466403

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Sodium | mg/L | 12.5 | 12.0 | 96 | 80-120 | |
| Vanadium | ug/L | 250 | 252 | 101 | 80-120 | |
| Zinc | ug/L | 1250 | 1210 | 97 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 466422 466423

| Parameter | Units | 3567547022 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | ug/L | 53.5 I | 2500 | 2500 | 2590 | 2600 | 101 | 102 | 75-125 | .5 | 20 | |
| Arsenic | ug/L | 7.6 I | 250 | 250 | 264 | 265 | 103 | 103 | 75-125 | .6 | 20 | |
| Barium | ug/L | 69.4 | 250 | 250 | 322 | 328 | 101 | 104 | 75-125 | 2 | 20 | |
| Beryllium | ug/L | 0.50U | 25 | 25 | 25.4 | 25.6 | 101 | 102 | 75-125 | 1 | 20 | |
| Cadmium | ug/L | 0.50U | 25 | 25 | 25.1 | 25.5 | 99 | 101 | 75-125 | 2 | 20 | |
| Calcium | mg/L | 398 | 12.5 | 12.5 | 405 | 416 | 54 | 149 | 75-125 | 3 | 20 | J(M1) |
| Chromium | ug/L | 2.5U | 250 | 250 | 252 | 254 | 101 | 101 | 75-125 | .8 | 20 | |
| Cobalt | ug/L | 5.0U | 250 | 250 | 252 | 255 | 101 | 102 | 75-125 | 1 | 20 | |
| Copper | ug/L | 2.5U | 250 | 250 | 270 | 274 | 108 | 110 | 75-125 | 2 | 20 | |
| Iron | ug/L | 36200 | 2500 | 2500 | 38000 | 38700 | 73 | 100 | 75-125 | 2 | 20 | J(M1) |
| Lead | ug/L | 5.0U | 250 | 250 | 256 | 259 | 101 | 102 | 75-125 | 1 | 20 | |
| Magnesium | mg/L | 46.2 | 12.5 | 12.5 | 58.2 | 59.9 | 96 | 109 | 75-125 | 3 | 20 | |
| Manganese | ug/L | 64.0 | 250 | 250 | 309 | 312 | 98 | 99 | 75-125 | .8 | 20 | |
| Nickel | ug/L | 2.5U | 250 | 250 | 251 | 254 | 100 | 101 | 75-125 | 1 | 20 | |
| Potassium | mg/L | 1.5 | 12.5 | 12.5 | 14.7 | 15.0 | 106 | 108 | 75-125 | 2 | 20 | |
| Selenium | ug/L | 7.5U | 250 | 250 | 268 | 268 | 104 | 104 | 75-125 | .3 | 20 | |
| Silver | ug/L | 2.5U | 25 | 25 | 25.8 | 26.3 | 103 | 105 | 75-125 | 2 | 20 | |
| Sodium | mg/L | 17.0 | 12.5 | 12.5 | 29.6 | 30.5 | 101 | 108 | 75-125 | 3 | 20 | |
| Vanadium | ug/L | 5.0U | 250 | 250 | 255 | 257 | 102 | 102 | 75-125 | .8 | 20 | |
| Zinc | ug/L | 10.0U | 1250 | 1250 | 1260 | 1280 | 101 | 102 | 75-125 | 1 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: MPRP/10358 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

METHOD BLANK: 468005 Matrix: Water
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Arsenic | ug/L | 5.0U | 10.0 | 09/20/12 11:05 | |
| Barium | ug/L | 5.0U | 10.0 | 09/20/12 11:05 | |
| Beryllium | ug/L | 0.50U | 1.0 | 09/20/12 11:05 | |
| Cadmium | ug/L | 0.50U | 1.0 | 09/20/12 11:05 | |
| Calcium | mg/L | 0.25U | 0.50 | 09/20/12 11:05 | |
| Chromium | ug/L | 2.5U | 5.0 | 09/20/12 11:05 | |
| Cobalt | ug/L | 5.0U | 10.0 | 09/20/12 11:05 | |
| Copper | ug/L | 2.5U | 5.0 | 09/20/12 11:05 | |
| Iron | ug/L | 20.0U | 40.0 | 09/20/12 11:05 | |
| Lead | ug/L | 5.0U | 10.0 | 09/20/12 11:05 | |
| Magnesium | mg/L | 0.25U | 0.50 | 09/20/12 11:05 | |
| Nickel | ug/L | 2.5U | 5.0 | 09/20/12 11:05 | |
| Potassium | mg/L | 0.50U | 1.0 | 09/20/12 11:05 | |
| Selenium | ug/L | 7.5U | 15.0 | 09/20/12 11:05 | |
| Silver | ug/L | 2.5U | 5.0 | 09/20/12 11:05 | |
| Sodium | mg/L | 0.50U | 1.0 | 09/20/12 11:05 | |
| Tin | ug/L | 25.0U | 50.0 | 09/20/12 11:05 | |
| Vanadium | ug/L | 5.0U | 10.0 | 09/20/12 11:05 | |
| Zinc | ug/L | 10.0U | 20.0 | 09/20/12 11:05 | |

LABORATORY CONTROL SAMPLE: 468006

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Arsenic | ug/L | 250 | 239 | 96 | 80-120 | |
| Barium | ug/L | 250 | 241 | 96 | 80-120 | |
| Beryllium | ug/L | 25 | 23.9 | 96 | 80-120 | |
| Cadmium | ug/L | 25 | 25.3 | 101 | 80-120 | |
| Calcium | mg/L | 12.5 | 12.8 | 102 | 80-120 | |
| Chromium | ug/L | 250 | 251 | 100 | 80-120 | |
| Cobalt | ug/L | 250 | 254 | 102 | 80-120 | |
| Copper | ug/L | 250 | 239 | 96 | 80-120 | |
| Iron | ug/L | 2500 | 2460 | 99 | 80-120 | |
| Lead | ug/L | 250 | 256 | 102 | 80-120 | |
| Magnesium | mg/L | 12.5 | 12.4 | 99 | 80-120 | |
| Nickel | ug/L | 250 | 255 | 102 | 80-120 | |
| Potassium | mg/L | 12.5 | 11.8 | 94 | 80-120 | |
| Selenium | ug/L | 250 | 240 | 96 | 80-120 | |
| Silver | ug/L | 25 | 22.9 | 92 | 80-120 | |
| Sodium | mg/L | 12.5 | 12.0 | 96 | 80-120 | |
| Tin | ug/L | 1250 | 1270 | 102 | 80-120 | |
| Vanadium | ug/L | 250 | 243 | 97 | 80-120 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

LABORATORY CONTROL SAMPLE: 468006

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Zinc | ug/L | 1250 | 1230 | 98 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 468007 468008

| Parameter | Units | 3567547031 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ug/L | 729 | 250 | 250 | 982 | 992 | 101 | 105 | 75-125 | .9 | 20 | |
| Barium | ug/L | 5.0U | 250 | 250 | 246 | 244 | 98 | 97 | 75-125 | .9 | 20 | |
| Beryllium | ug/L | 0.50U | 25 | 25 | 24.3 | 24.1 | 97 | 96 | 75-125 | .7 | 20 | |
| Cadmium | ug/L | 0.50U | 25 | 25 | 25.1 | 25.1 | 101 | 100 | 75-125 | .3 | 20 | |
| Calcium | mg/L | 0.40 I | 12.5 | 12.5 | 13.0 | 12.8 | 101 | 99 | 75-125 | 1 | 20 | |
| Chromium | ug/L | 3.4 I | 250 | 250 | 257 | 256 | 102 | 101 | 75-125 | .5 | 20 | |
| Cobalt | ug/L | 5.0U | 250 | 250 | 258 | 257 | 103 | 103 | 75-125 | .3 | 20 | |
| Copper | ug/L | 3.4 I | 250 | 250 | 257 | 251 | 101 | 99 | 75-125 | 2 | 20 | |
| Iron | ug/L | 72.7 | 2500 | 2500 | 2540 | 2490 | 99 | 97 | 75-125 | 2 | 20 | |
| Lead | ug/L | 5.0U | 250 | 250 | 256 | 254 | 102 | 102 | 75-125 | .5 | 20 | |
| Magnesium | mg/L | 0.25U | 12.5 | 12.5 | 12.1 | 11.9 | 96 | 95 | 75-125 | 2 | 20 | |
| Nickel | ug/L | 2.5U | 250 | 250 | 258 | 258 | 103 | 102 | 75-125 | .2 | 20 | |
| Potassium | mg/L | 0.50U | 12.5 | 12.5 | 12.0 | 11.9 | 95 | 95 | 75-125 | .8 | 20 | |
| Selenium | ug/L | 7.5U | 250 | 250 | 20.5 | 19.5 | 8 | 8 | 75-125 | 5 | 20 | J(M1) |
| Silver | ug/L | 2.5U | 25 | 25 | 23.9 | 23.4 | 96 | 94 | 75-125 | 2 | 20 | |
| Sodium | mg/L | 0.50U | 12.5 | 12.5 | 12.1 | 12.0 | 96 | 96 | 75-125 | .9 | 20 | |
| Tin | ug/L | 25.0U | 1250 | 1250 | 1260 | 1250 | 100 | 100 | 75-125 | .8 | 20 | |
| Vanadium | ug/L | 5.0U | 250 | 250 | 247 | 244 | 99 | 98 | 75-125 | 1 | 20 | |
| Zinc | ug/L | 10.0U | 1250 | 1250 | 1240 | 1230 | 98 | 98 | 75-125 | .4 | 20 | |



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

Pace Analytical®
www.pacelabs.com

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: MPRP/10378 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 3567547033, 3567547034, 3567547036

METHOD BLANK: 468906 Matrix: Water
Associated Lab Samples: 3567547033, 3567547034, 3567547036

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ug/L | 5.0U | 15.0 | 09/21/12 09:08 | |
| Arsenic | ug/L | 5.0U | 10.0 | 09/21/12 09:08 | |
| Barium | ug/L | 5.0U | 10.0 | 09/21/12 09:08 | |
| Calcium | mg/L | 0.25U | 0.50 | 09/21/12 09:08 | |
| Cobalt | ug/L | 5.0U | 10.0 | 09/21/12 09:08 | |
| Magnesium | mg/L | 0.25U | 0.50 | 09/21/12 09:08 | |
| Nickel | ug/L | 2.5U | 5.0 | 09/21/12 09:08 | |
| Potassium | mg/L | 0.50U | 1.0 | 09/21/12 09:08 | |
| Sodium | mg/L | 0.50U | 1.0 | 09/21/12 09:08 | |
| Tot Hardness asCaCO3 (SM 2340B | mg/L | 1.6U | 3.2 | 09/21/12 09:08 | |
| Vanadium | ug/L | 5.0U | 10.0 | 09/21/12 09:08 | |

LABORATORY CONTROL SAMPLE: 468907

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ug/L | 250 | 241 | 96 | 80-120 | |
| Arsenic | ug/L | 250 | 235 | 94 | 80-120 | |
| Barium | ug/L | 250 | 244 | 97 | 80-120 | |
| Calcium | mg/L | 12.5 | 12.7 | 102 | 80-120 | |
| Cobalt | ug/L | 250 | 246 | 98 | 80-120 | |
| Magnesium | mg/L | 12.5 | 13.2 | 105 | 80-120 | |
| Nickel | ug/L | 250 | 246 | 98 | 80-120 | |
| Potassium | mg/L | 12.5 | 12.2 | 97 | 80-120 | |
| Sodium | mg/L | 12.5 | 12.5 | 100 | 80-120 | |
| Tot Hardness asCaCO3 (SM 2340B | mg/L | 82.7 | 86.0 | 104 | 80-120 | |
| Vanadium | ug/L | 250 | 251 | 100 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 468908 468909

| Parameter | Units | 3568401001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ug/L | 5.0U | 250 | 250 | 245 | 246 | 98 | 98 | 75-125 | .4 | 20 | |
| Arsenic | ug/L | 5.0U | 250 | 250 | 242 | 244 | 96 | 97 | 75-125 | .7 | 20 | |
| Barium | ug/L | 8.6 I | 250 | 250 | 252 | 256 | 97 | 99 | 75-125 | 2 | 20 | |
| Calcium | mg/L | 8940 ug/L | 12.5 | 12.5 | 21.8 | 22.0 | 102 | 105 | 75-125 | 1 | 20 | |
| Cobalt | ug/L | 5.0U | 250 | 250 | 253 | 257 | 101 | 102 | 75-125 | 1 | 20 | |
| Magnesium | mg/L | 552 ug/L | 12.5 | 12.5 | 13.4 | 13.6 | 102 | 104 | 75-125 | 2 | 20 | |
| Nickel | ug/L | 2.5U | 250 | 250 | 254 | 256 | 101 | 102 | 75-125 | .8 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 468908 468909

| Parameter | Units | 3568401001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | mg/L | 1900 ug/L | 12.5 | 12.5 | 13.7 | 13.9 | 95 | 96 | 75-125 | 2 | 20 | |
| Sodium | mg/L | 1000 ug/L | 12.5 | 12.5 | 13.4 | 13.4 | 99 | 99 | 75-125 | .07 | 20 | |
| Tot Hardness asCaCO3 (SM 2340B | mg/L | 24600 ug/L | 82.7 | 82.7 | 109 | 111 | 102 | 105 | 75-125 | 2 | 20 | |
| Vanadium | ug/L | 9.8 I | 250 | 250 | 257 | 264 | 99 | 102 | 75-125 | 3 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: MPRP/10420
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Associated Lab Samples: 3567547033

METHOD BLANK: 471198 Matrix: Water
Associated Lab Samples: 3567547033

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Chromium | ug/L | 2.5U | 5.0 | 09/25/12 04:12 | |
| Iron | ug/L | 20.0U | 40.0 | 09/25/12 04:12 | |

LABORATORY CONTROL SAMPLE: 471199

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Chromium | ug/L | 250 | 264 | 105 | 80-120 | |
| Iron | ug/L | 2500 | 2600 | 104 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 471291 471292

| Parameter | Units | 3568700006 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ug/L | 2.5U | 250 | 250 | 258 | 254 | 103 | 101 | 75-125 | 2 | 20 | |
| Iron | ug/L | 218 | 2500 | 2500 | 2730 | 2740 | 100 | 101 | 75-125 | 3 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: MPRP/10421 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 3567547034, 3567547036

METHOD BLANK: 471202 Matrix: Water
Associated Lab Samples: 3567547034, 3567547036

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Chromium | ug/L | 2.5U | 5.0 | 09/25/12 04:13 | |
| Iron | ug/L | 20.0U | 40.0 | 09/25/12 04:13 | |

LABORATORY CONTROL SAMPLE: 471203

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Chromium | ug/L | 250 | 248 | 99 | 80-120 | |
| Iron | ug/L | 2500 | 2460 | 98 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 471204 471205

| Parameter | Units | 3568759001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | ug/L | 2.5U | 250 | 250 | 250 | 245 | 100 | 98 | 75-125 | 2 | 20 | |
| Iron | ug/L | 2660 | 2500 | 2500 | 5010 | 5120 | 94 | 98 | 75-125 | 2 | 20 | |



**REPORT OF LABORATORY ANALYSIS**

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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: MPRP/10261 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 3567547001, 3567547002, 3567547003, 3567547004, 3567547005, 3567547006

METHOD BLANK: 464446 Matrix: Water
Associated Lab Samples: 3567547001, 3567547002, 3567547003, 3567547004, 3567547005, 3567547006

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ug/L | 0.50U | 1.0 | 09/15/12 01:45 | |
| Thallium | ug/L | 0.50U | 1.0 | 09/15/12 01:45 | |

LABORATORY CONTROL SAMPLE: 464447

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ug/L | 50 | 48.2 | 96 | 80-120 | |
| Thallium | ug/L | 50 | 52.1 | 104 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 464448 464449

| Parameter | Units | 3567671002 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ug/L | <0.50 | 50 | 50 | 49.1 | 50.0 | 98 | 100 | 70-130 | 2 | 20 | |
| Thallium | ug/L | <0.50 | 50 | 50 | 51.0 | 51.6 | 102 | 103 | 70-130 | 1 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: MPRP/10291 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 3567547008, 3567547009, 3567547015, 3567547016, 3567547017, 3567547018

METHOD BLANK: 465445 Matrix: Water
Associated Lab Samples: 3567547008, 3567547009, 3567547015, 3567547016, 3567547017, 3567547018

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ug/L | 0.50U | 1.0 | 09/20/12 00:54 | |
| Thallium | ug/L | 0.50U | 1.0 | 09/20/12 00:54 | |

LABORATORY CONTROL SAMPLE: 465446

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ug/L | 50 | 50.7 | 101 | 80-120 | |
| Thallium | ug/L | 50 | 48.5 | 97 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 465447 465448

| Parameter | Units | 3567806001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ug/L | <0.50 | 50 | 50 | 50.3 | 48.6 | 100 | 97 | 70-130 | 3 | 20 | |
| Thallium | ug/L | <0.50 | 50 | 50 | 50.1 | 49.8 | 100 | 99 | 70-130 | .7 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: MPRP/10317 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 3567547020, 3567547021, 3567547022, 3567547023

METHOD BLANK: 466406 Matrix: Water
Associated Lab Samples: 3567547020, 3567547021, 3567547022, 3567547023

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ug/L | 0.50U | 1.0 | 09/18/12 15:34 | |
| Thallium | ug/L | 0.50U | 1.0 | 09/18/12 15:34 | |

LABORATORY CONTROL SAMPLE: 466407

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ug/L | 50 | 49.3 | 99 | 80-120 | |
| Thallium | ug/L | 50 | 50.3 | 101 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 466424 466425

| Parameter | Units | 3567547023 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 | 50.7 | 49.9 | 101 | 100 | 70-130 | 2 | 20 | |
| Thallium | ug/L | 0.50U | 50 | 50 | 52.5 | 52.0 | 105 | 104 | 70-130 | 1 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: MPRP/10359 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

METHOD BLANK: 468009 Matrix: Water
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ug/L | 0.50U | 1.0 | 09/21/12 02:42 | |
| Thallium | ug/L | 0.50U | 1.0 | 09/21/12 02:42 | |

LABORATORY CONTROL SAMPLE: 468010

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ug/L | 50 | 51.1 | 102 | 80-120 | |
| Thallium | ug/L | 50 | 49.9 | 100 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 468011 468012

| Parameter | Units | 5069218004 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ug/L | 1.6 | 50 | 50 | 52.9 | 51.7 | 103 | 100 | 70-130 | 2 | 20 | |
| Thallium | ug/L | ND | 50 | 50 | 50.9 | 49.4 | 102 | 99 | 70-130 | 3 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: MPRP/10380 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 3567547033, 3567547034, 3567547036

METHOD BLANK: 468914 Matrix: Water
Associated Lab Samples: 3567547033, 3567547034, 3567547036

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Beryllium | ug/L | 0.050U | 0.10 | 09/21/12 19:48 | |
| Cadmium | ug/L | 0.050U | 0.10 | 09/21/12 19:48 | |
| Copper | ug/L | 0.93U | 1.0 | 09/21/12 19:48 | |
| Lead | ug/L | 0.50U | 1.0 | 09/21/12 19:48 | |
| Selenium | ug/L | 0.50U | 1.0 | 09/21/12 19:48 | |
| Silver | ug/L | 0.050U | 0.10 | 09/21/12 19:48 | |
| Thallium | ug/L | 0.50U | 1.0 | 09/21/12 19:48 | |
| Zinc | ug/L | 2.5U | 5.0 | 09/21/12 19:48 | |

LABORATORY CONTROL SAMPLE: 468915

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Beryllium | ug/L | 5 | 5.4 | 109 | 80-120 | |
| Cadmium | ug/L | 5 | 5.4 | 108 | 80-120 | |
| Copper | ug/L | 50 | 53.6 | 107 | 80-120 | |
| Lead | ug/L | 50 | 50.8 | 102 | 80-120 | |
| Selenium | ug/L | 50 | 53.5 | 107 | 80-120 | |
| Silver | ug/L | 5 | 5.4 | 109 | 80-120 | |
| Thallium | ug/L | 50 | 51.2 | 102 | 80-120 | |
| Zinc | ug/L | 250 | 267 | 107 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 468916 468917

| Parameter | Units | 3568297005 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Beryllium | ug/L | 0.050U | 5 | 5 | 5.6 | 5.3 | 111 | 106 | 70-130 | 5 | 20 | |
| Cadmium | ug/L | 0.065 I | 5 | 5 | 5.1 | 5.2 | 101 | 103 | 70-130 | 2 | 20 | |
| Copper | ug/L | 3.4 | 50 | 50 | 51.7 | 51.0 | 97 | 95 | 70-130 | 1 | 20 | |
| Lead | ug/L | 1.4 | 50 | 50 | 54.1 | 51.7 | 105 | 101 | 70-130 | 4 | 20 | |
| Selenium | ug/L | 0.50U | 50 | 50 | 49.9 | 48.0 | 99 | 95 | 70-130 | 4 | 20 | |
| Silver | ug/L | 0.050U | 5 | 5 | 5.2 | 5.0 | 103 | 99 | 70-130 | 4 | 20 | |
| Thallium | ug/L | 0.50U | 50 | 50 | 53.3 | 50.9 | 107 | 102 | 70-130 | 5 | 20 | |
| Zinc | ug/L | 52.3 | 250 | 250 | 306 | 303 | 101 | 100 | 70-130 | 9 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: MSV/6570 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3567547001, 3567547002, 3567547003, 3567547004, 3567547005, 3567547006, 3567547007

METHOD BLANK: 470966 Matrix: Water
Associated Lab Samples: 3567547001, 3567547002, 3567547003, 3567547004, 3567547005, 3567547006, 3567547007

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| 1,1,1-Trichloroethane | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 0.12U | 0.50 | 09/22/12 08:24 | |
| 1,1,2-Trichloroethane | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| 1,1-Dichloroethane | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| 1,1-Dichloroethene | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| 1,2,3-Trichloropropane | ug/L | 0.36U | 0.50 | 09/22/12 08:24 | |
| 1,2-Dichlorobenzene | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| 1,2-Dichloroethane | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| 1,2-Dichloropropane | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| 1,4-Dichlorobenzene | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| 2-Butanone (MEK) | ug/L | 5.0U | 10.0 | 09/22/12 08:24 | |
| 2-Hexanone | ug/L | 5.0U | 10.0 | 09/22/12 08:24 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 5.0U | 10.0 | 09/22/12 08:24 | |
| Acetone | ug/L | 5.0U | 10.0 | 09/22/12 08:24 | |
| Acrylonitrile | ug/L | 5.0U | 10.0 | 09/22/12 08:24 | |
| Benzene | ug/L | 0.10U | 1.0 | 09/22/12 08:24 | |
| Bromochloromethane | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| Bromodichloromethane | ug/L | 0.27U | 0.60 | 09/22/12 08:24 | |
| Bromoform | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| Bromomethane | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| Carbon disulfide | ug/L | 5.0U | 10.0 | 09/22/12 08:24 | |
| Carbon tetrachloride | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| Chlorobenzene | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| Chloroethane | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| Chloroform | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| Chloromethane | ug/L | 0.62U | 1.0 | 09/22/12 08:24 | |
| cis-1,2-Dichloroethene | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| cis-1,3-Dichloropropene | ug/L | 0.25U | 0.50 | 09/22/12 08:24 | |
| Dibromochloromethane | ug/L | 0.26U | 0.50 | 09/22/12 08:24 | |
| Dibromomethane | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| Ethylbenzene | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| Iodomethane | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| Methylene Chloride | ug/L | 2.5U | 5.0 | 09/22/12 08:24 | |
| Styrene | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| Tetrachloroethene | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| Toluene | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| trans-1,2-Dichloroethene | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| trans-1,3-Dichloropropene | ug/L | 0.25U | 0.50 | 09/22/12 08:24 | |
| trans-1,4-Dichloro-2-butene | ug/L | 5.0U | 10.0 | 09/22/12 08:24 | |
| Trichloroethene | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| Trichlorofluoromethane | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| Vinyl acetate | ug/L | 1.0U | 2.0 | 09/22/12 08:24 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

METHOD BLANK: 470966 Matrix: Water

Associated Lab Samples: 3567547001, 3567547002, 3567547003, 3567547004, 3567547005, 3567547006, 3567547007

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Vinyl chloride | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| Xylene (Total) | ug/L | 0.50U | 1.0 | 09/22/12 08:24 | |
| 1,2-Dichloroethane-d4 (S) | % | 111 | 86-125 | 09/22/12 08:24 | |
| 4-Bromofluorobenzene (S) | % | 94 | 70-114 | 09/22/12 08:24 | |
| Dibromofluoromethane (S) | % | 105 | 88-117 | 09/22/12 08:24 | |
| Toluene-d8 (S) | % | 97 | 87-113 | 09/22/12 08:24 | |

LABORATORY CONTROL SAMPLE: 470967

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | 20 | 20.6 | 103 | 70-130 | |
| 1,1,1-Trichloroethane | ug/L | 20 | 21.0 | 105 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 20 | 20.4 | 102 | 70-130 | |
| 1,1,2-Trichloroethane | ug/L | 20 | 20.4 | 102 | 70-130 | |
| 1,1-Dichloroethane | ug/L | 20 | 20.9 | 105 | 70-130 | |
| 1,1-Dichloroethene | ug/L | 20 | 20.6 | 103 | 70-130 | |
| 1,2,3-Trichloropropane | ug/L | 20 | 21.2 | 106 | 70-130 | |
| 1,2-Dichlorobenzene | ug/L | 20 | 21.1 | 105 | 70-130 | |
| 1,2-Dichloroethane | ug/L | 20 | 21.2 | 106 | 70-130 | |
| 1,2-Dichloropropane | ug/L | 20 | 20.4 | 102 | 70-130 | |
| 1,4-Dichlorobenzene | ug/L | 20 | 20.5 | 102 | 70-130 | |
| 2-Butanone (MEK) | ug/L | 20 | 18.1 | 90 | 55-167 | |
| 2-Hexanone | ug/L | 20 | 19.7 | 98 | 65-130 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 20 | 19.3 | 96 | 70-130 | |
| Acetone | ug/L | 20 | 23.6 | 118 | 40-150 | |
| Acrylonitrile | ug/L | 200 | 208 | 104 | 70-130 | |
| Benzene | ug/L | 20 | 20.5 | 103 | 70-130 | |
| Bromochloromethane | ug/L | 20 | 20.8 | 104 | 70-130 | |
| Bromodichloromethane | ug/L | 20 | 21.2 | 106 | 70-130 | |
| Bromoform | ug/L | 20 | 21.4 | 107 | 68-130 | |
| Bromomethane | ug/L | 20 | 8.8 | 44 | 38-179 | |
| Carbon disulfide | ug/L | 20 | 17.8 | 89 | 51-155 | |
| Carbon tetrachloride | ug/L | 20 | 20.7 | 103 | 70-130 | |
| Chlorobenzene | ug/L | 20 | 20.3 | 102 | 70-130 | |
| Chloroethane | ug/L | 20 | 18.5 | 92 | 59-149 | |
| Chloroform | ug/L | 20 | 20.8 | 104 | 70-130 | |
| Chloromethane | ug/L | 20 | 16.5 | 82 | 68-130 | |
| cis-1,2-Dichloroethene | ug/L | 20 | 20.7 | 103 | 70-130 | |
| cis-1,3-Dichloropropene | ug/L | 20 | 21.1 | 106 | 70-130 | |
| Dibromochloromethane | ug/L | 20 | 20.4 | 102 | 70-130 | |
| Dibromomethane | ug/L | 20 | 19.9 | 100 | 70-130 | |
| Ethylbenzene | ug/L | 20 | 20.5 | 103 | 70-130 | |
| Iodomethane | ug/L | 20 | 15.0 | 75 | 43-160 | |
| Methylene Chloride | ug/L | 20 | 21.1 | 106 | 70-130 | |
| Styrene | ug/L | 20 | 21.2 | 106 | 70-130 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

LABORATORY CONTROL SAMPLE: 470967

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Tetrachloroethene | ug/L | 20 | 20.0 | 100 | 66-133 | |
| Toluene | ug/L | 20 | 19.0 | 95 | 70-130 | |
| trans-1,2-Dichloroethene | ug/L | 20 | 20.3 | 101 | 70-130 | |
| trans-1,3-Dichloropropene | ug/L | 20 | 20.1 | 101 | 70-130 | |
| trans-1,4-Dichloro-2-butene | ug/L | 20 | 19.0 | 95 | 65-130 | |
| Trichloroethene | ug/L | 20 | 19.6 | 98 | 70-130 | |
| Trichlorofluoromethane | ug/L | 20 | 19.8 | 99 | 70-131 | |
| Vinyl acetate | ug/L | 20 | 19.4 | 97 | 69-135 | |
| Vinyl chloride | ug/L | 20 | 18.6 | 93 | 69-140 | |
| Xylene (Total) | ug/L | 60 | 61.5 | 102 | 70-130 | |
| 1,2-Dichloroethane-d4 (S) | % | | | 100 | 86-125 | |
| 4-Bromofluorobenzene (S) | % | | | 96 | 70-114 | |
| Dibromofluoromethane (S) | % | | | 100 | 88-117 | |
| Toluene-d8 (S) | % | | | 101 | 87-113 | |

MATRIX SPIKE SAMPLE: 470992

| Parameter | Units | 3568118004 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | 0.50U | 20 | 18.9 | 94 | 39-130 | |
| 1,1,1-Trichloroethane | ug/L | 0.50U | 20 | 20.4 | 102 | 47-141 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 0.12U | 20 | 16.8 | 84 | 49-131 | |
| 1,1,2-Trichloroethane | ug/L | 0.50U | 20 | 17.9 | 89 | 50-130 | |
| 1,1-Dichloroethane | ug/L | 0.50U | 20 | 19.7 | 98 | 54-137 | |
| 1,1-Dichloroethene | ug/L | 0.50U | 20 | 20.2 | 101 | 45-155 | |
| 1,2,3-Trichloropropane | ug/L | 0.36U | 20 | 16.2 | 81 | 31-132 | |
| 1,2-Dichlorobenzene | ug/L | 0.50U | 20 | 17.6 | 88 | 43-130 | |
| 1,2-Dichloroethane | ug/L | 0.50U | 20 | 18.7 | 93 | 54-130 | |
| 1,2-Dichloropropane | ug/L | 0.50U | 20 | 19.1 | 95 | 53-130 | |
| 1,4-Dichlorobenzene | ug/L | 0.50U | 20 | 17.4 | 87 | 38-130 | |
| 2-Butanone (MEK) | ug/L | 5.0U | 20 | 16.8 | 84 | 48-138 | |
| 2-Hexanone | ug/L | 5.0U | 20 | 14.8 | 74 | 38-130 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 5.0U | 20 | 15.7 | 78 | 28-143 | |
| Acetone | ug/L | 5.0U | 20 | 21.4 | 101 | 20-140 | |
| Acrylonitrile | ug/L | 5.0U | 200 | 188 | 94 | 46-130 | |
| Benzene | ug/L | 0.10U | 20 | 19.1 | 96 | 53-132 | |
| Bromochloromethane | ug/L | 0.50U | 20 | 20.0 | 100 | 54-132 | |
| Bromodichloromethane | ug/L | 0.27U | 20 | 19.7 | 99 | 46-130 | |
| Bromoform | ug/L | 0.50U | 20 | 17.4 | 87 | 32-130 | |
| Bromomethane | ug/L | 0.50U | 20 | 11.3 | 56 | 20-152 | |
| Carbon disulfide | ug/L | 5.0U | 20 | 18.2 | 91 | 28-184 | |
| Carbon tetrachloride | ug/L | 0.50U | 20 | 20.8 | 104 | 37-137 | |
| Chlorobenzene | ug/L | 0.50U | 20 | 18.2 | 91 | 46-130 | |
| Chloroethane | ug/L | 0.50U | 20 | 23.2 | 116 | 48-159 | |
| Chloroform | ug/L | 0.50U | 20 | 19.5 | 97 | 51-130 | |
| Chloromethane | ug/L | 0.62U | 20 | 17.2 | 86 | 39-144 | |
| cis-1,2-Dichloroethene | ug/L | 0.50U | 20 | 19.0 | 95 | 54-130 | |
| cis-1,3-Dichloropropene | ug/L | 0.25U | 20 | 17.4 | 87 | 45-130 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

MATRIX SPIKE SAMPLE: 470992

| Parameter | Units | 3568118004 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Dibromochloromethane | ug/L | 0.26U | 20 | 18.3 | 92 | 43-130 | |
| Dibromomethane | ug/L | 0.50U | 20 | 18.1 | 91 | 50-130 | |
| Ethylbenzene | ug/L | 0.50U | 20 | 18.6 | 93 | 43-130 | |
| Iodomethane | ug/L | 0.50U | 20 | 14.7 | 74 | 20-169 | |
| Methylene Chloride | ug/L | 2.5U | 20 | 20.7 | 104 | 51-135 | |
| Styrene | ug/L | 0.50U | 20 | 18.6 | 93 | 40-130 | |
| Tetrachloroethene | ug/L | 0.50U | 20 | 17.7 | 89 | 26-130 | |
| Toluene | ug/L | 0.50U | 20 | 17.9 | 89 | 50-130 | |
| trans-1,2-Dichloroethene | ug/L | 0.50U | 20 | 18.9 | 95 | 48-142 | |
| trans-1,3-Dichloropropene | ug/L | 0.25U | 20 | 16.9 | 85 | 45-130 | |
| trans-1,4-Dichloro-2-butene | ug/L | 5.0U | 20 | 14.4 | 72 | 20-139 | |
| Trichloroethene | ug/L | 0.50U | 20 | 19.3 | 97 | 42-133 | |
| Trichlorofluoromethane | ug/L | 0.50U | 20 | 24.2 | 121 | 46-146 | |
| Vinyl acetate | ug/L | 1.0U | 20 | 14.3 | 71 | 20-165 | |
| Vinyl chloride | ug/L | 0.50U | 20 | 20.9 | 105 | 57-142 | |
| Xylene (Total) | ug/L | 0.50U | 60 | 54.7 | 91 | 42-130 | |
| 1,2-Dichloroethane-d4 (S) | % | | | | 110 | 86-125 | |
| 4-Bromofluorobenzene (S) | % | | | | 95 | 70-114 | |
| Dibromofluoromethane (S) | % | | | | 106 | 88-117 | |
| Toluene-d8 (S) | % | | | | 100 | 87-113 | |

SAMPLE DUPLICATE: 470991

| Parameter | Units | 3568118003 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,1,1-Trichloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 0.12U | 0.12U | | 40 | |
| 1,1,2-Trichloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,1-Dichloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,1-Dichloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| 1,2,3-Trichloropropane | ug/L | 0.36U | 0.36U | | 40 | |
| 1,2-Dichlorobenzene | ug/L | 0.50U | 0.50U | | 40 | |
| 1,2-Dichloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,2-Dichloropropane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,4-Dichlorobenzene | ug/L | 0.50U | 0.50U | | 40 | |
| 2-Butanone (MEK) | ug/L | 5.0U | 5.0U | | 40 | |
| 2-Hexanone | ug/L | 5.0U | 5.0U | | 40 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 5.0U | 5.0U | | 40 | |
| Acetone | ug/L | 5.0U | 5.0U | | 40 | |
| Acrylonitrile | ug/L | 5.0U | 5.0U | | 40 | |
| Benzene | ug/L | 0.10U | 0.10U | | 40 | |
| Bromochloromethane | ug/L | 0.50U | 0.50U | | 40 | |
| Bromodichloromethane | ug/L | 0.27U | 0.27U | | 40 | |
| Bromoform | ug/L | 0.50U | 0.50U | | 40 | |
| Bromomethane | ug/L | 0.50U | 0.50U | | 40 | |
| Carbon disulfide | ug/L | 5.0U | 5.0U | | 40 | |
| Carbon tetrachloride | ug/L | 0.50U | 0.50U | | 40 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

SAMPLE DUPLICATE: 470991

| Parameter | Units | 3568118003 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Chlorobenzene | ug/L | 0.50U | 0.50U | | 40 | |
| Chloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| Chloroform | ug/L | 0.50U | 0.50U | | 40 | |
| Chloromethane | ug/L | 0.62U | 0.62U | | 40 | |
| cis-1,2-Dichloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| cis-1,3-Dichloropropene | ug/L | 0.25U | 0.25U | | 40 | |
| Dibromochloromethane | ug/L | 0.26U | 0.26U | | 40 | |
| Dibromomethane | ug/L | 0.50U | 0.50U | | 40 | |
| Ethylbenzene | ug/L | 0.50U | 0.50U | | 40 | |
| Iodomethane | ug/L | 0.50U | 0.50U | | 40 | |
| Methylene Chloride | ug/L | 2.5U | 2.5U | | 40 | |
| Styrene | ug/L | 0.50U | 0.50U | | 40 | |
| Tetrachloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| Toluene | ug/L | 0.50U | 0.50U | | 40 | |
| trans-1,2-Dichloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| trans-1,3-Dichloropropene | ug/L | 0.25U | 0.25U | | 40 | |
| trans-1,4-Dichloro-2-butene | ug/L | 5.0U | 5.0U | | 40 | |
| Trichloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| Trichlorofluoromethane | ug/L | 0.50U | 0.50U | | 40 | |
| Vinyl acetate | ug/L | 1.0U | 1.0U | | 40 | |
| Vinyl chloride | ug/L | 0.50U | 0.50U | | 40 | |
| Xylene (Total) | ug/L | 0.50U | 0.50U | | 40 | |
| 1,2-Dichloroethane-d4 (S) | % | 118 | 113 | 4 | | |
| 4-Bromofluorobenzene (S) | % | 95 | 96 | 1 | | |
| Dibromofluoromethane (S) | % | 107 | 110 | 3 | | |
| Toluene-d8 (S) | % | 99 | 100 | 1 | | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: MSV/6584 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3567547008, 3567547009, 3567547010

METHOD BLANK: 471485 Matrix: Water
Associated Lab Samples: 3567547008, 3567547009, 3567547010

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| 1,1,1-Trichloroethane | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 0.12U | 0.50 | 09/24/12 15:47 | |
| 1,1,2-Trichloroethane | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| 1,1-Dichloroethane | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| 1,1-Dichloroethene | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| 1,2,3-Trichloropropane | ug/L | 0.36U | 0.50 | 09/24/12 15:47 | |
| 1,2-Dichlorobenzene | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| 1,2-Dichloroethane | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| 1,2-Dichloropropane | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| 1,4-Dichlorobenzene | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| 2-Butanone (MEK) | ug/L | 5.0U | 10.0 | 09/24/12 15:47 | |
| 2-Hexanone | ug/L | 5.0U | 10.0 | 09/24/12 15:47 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 5.0U | 10.0 | 09/24/12 15:47 | |
| Acetone | ug/L | 5.0U | 10.0 | 09/24/12 15:47 | |
| Acrylonitrile | ug/L | 5.0U | 10.0 | 09/24/12 15:47 | |
| Benzene | ug/L | 0.10U | 1.0 | 09/24/12 15:47 | |
| Bromochloromethane | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| Bromodichloromethane | ug/L | 0.27U | 0.60 | 09/24/12 15:47 | |
| Bromoform | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| Bromomethane | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| Carbon disulfide | ug/L | 5.0U | 10.0 | 09/24/12 15:47 | |
| Carbon tetrachloride | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| Chlorobenzene | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| Chloroethane | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| Chloroform | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| Chloromethane | ug/L | 0.62U | 1.0 | 09/24/12 15:47 | |
| cis-1,2-Dichloroethene | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| cis-1,3-Dichloropropene | ug/L | 0.25U | 0.50 | 09/24/12 15:47 | |
| Dibromochloromethane | ug/L | 0.26U | 0.50 | 09/24/12 15:47 | |
| Dibromomethane | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| Ethylbenzene | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| Iodomethane | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| Methylene Chloride | ug/L | 2.5U | 5.0 | 09/24/12 15:47 | |
| Styrene | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| Tetrachloroethene | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| Toluene | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| trans-1,2-Dichloroethene | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| trans-1,3-Dichloropropene | ug/L | 0.25U | 0.50 | 09/24/12 15:47 | |
| trans-1,4-Dichloro-2-butene | ug/L | 5.0U | 10.0 | 09/24/12 15:47 | |
| Trichloroethene | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| Trichlorofluoromethane | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| Vinyl acetate | ug/L | 1.0U | 2.0 | 09/24/12 15:47 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

METHOD BLANK: 471485 Matrix: Water

Associated Lab Samples: 3567547008, 3567547009, 3567547010

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Vinyl chloride | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| Xylene (Total) | ug/L | 0.50U | 1.0 | 09/24/12 15:47 | |
| 1,2-Dichloroethane-d4 (S) | % | 104 | 86-125 | 09/24/12 15:47 | |
| 4-Bromofluorobenzene (S) | % | 88 | 70-114 | 09/24/12 15:47 | |
| Dibromofluoromethane (S) | % | 100 | 88-117 | 09/24/12 15:47 | |
| Toluene-d8 (S) | % | 100 | 87-113 | 09/24/12 15:47 | |

LABORATORY CONTROL SAMPLE: 471486

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | 20 | 20.4 | 102 | 70-130 | |
| 1,1,1-Trichloroethane | ug/L | 20 | 20.2 | 101 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 20 | 21.8 | 109 | 70-130 | |
| 1,1,2-Trichloroethane | ug/L | 20 | 19.9 | 99 | 70-130 | |
| 1,1-Dichloroethane | ug/L | 20 | 20.0 | 100 | 70-130 | |
| 1,1-Dichloroethene | ug/L | 20 | 20.4 | 102 | 70-130 | |
| 1,2,3-Trichloropropane | ug/L | 20 | 22.5 | 113 | 70-130 | |
| 1,2-Dichlorobenzene | ug/L | 20 | 22.3 | 112 | 70-130 | |
| 1,2-Dichloroethane | ug/L | 20 | 20.2 | 101 | 70-130 | |
| 1,2-Dichloropropane | ug/L | 20 | 21.0 | 105 | 70-130 | |
| 1,4-Dichlorobenzene | ug/L | 20 | 21.3 | 106 | 70-130 | |
| 2-Butanone (MEK) | ug/L | 20 | 18.2 | 91 | 55-167 | |
| 2-Hexanone | ug/L | 20 | 18.2 | 91 | 65-130 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 20 | 20.0 | 100 | 70-130 | |
| Acetone | ug/L | 20 | 20.3 | 101 | 40-150 | |
| Acrylonitrile | ug/L | 200 | 210 | 105 | 70-130 | |
| Benzene | ug/L | 20 | 20.1 | 101 | 70-130 | |
| Bromochloromethane | ug/L | 20 | 20.7 | 103 | 70-130 | |
| Bromodichloromethane | ug/L | 20 | 21.7 | 108 | 70-130 | |
| Bromoform | ug/L | 20 | 21.5 | 107 | 68-130 | |
| Bromomethane | ug/L | 20 | 22.0 | 110 | 38-179 | |
| Carbon disulfide | ug/L | 20 | 18.1 | 91 | 51-155 | |
| Carbon tetrachloride | ug/L | 20 | 20.1 | 100 | 70-130 | |
| Chlorobenzene | ug/L | 20 | 20.0 | 100 | 70-130 | |
| Chloroethane | ug/L | 20 | 21.7 | 108 | 59-149 | |
| Chloroform | ug/L | 20 | 19.6 | 98 | 70-130 | |
| Chloromethane | ug/L | 20 | 20.7 | 103 | 68-130 | |
| cis-1,2-Dichloroethene | ug/L | 20 | 21.1 | 105 | 70-130 | |
| cis-1,3-Dichloropropene | ug/L | 20 | 22.3 | 112 | 70-130 | |
| Dibromochloromethane | ug/L | 20 | 20.9 | 105 | 70-130 | |
| Dibromomethane | ug/L | 20 | 20.8 | 104 | 70-130 | |
| Ethylbenzene | ug/L | 20 | 20.4 | 102 | 70-130 | |
| Iodomethane | ug/L | 20 | 23.2 | 116 | 43-160 | |
| Methylene Chloride | ug/L | 20 | 21.3 | 106 | 70-130 | |
| Styrene | ug/L | 20 | 21.4 | 107 | 70-130 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

LABORATORY CONTROL SAMPLE: 471486

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Tetrachloroethene | ug/L | 20 | 19.4 | 97 | 66-133 | |
| Toluene | ug/L | 20 | 19.3 | 97 | 70-130 | |
| trans-1,2-Dichloroethene | ug/L | 20 | 20.1 | 101 | 70-130 | |
| trans-1,3-Dichloropropene | ug/L | 20 | 21.6 | 108 | 70-130 | |
| trans-1,4-Dichloro-2-butene | ug/L | 20 | 21.9 | 110 | 65-130 | |
| Trichloroethene | ug/L | 20 | 20.2 | 101 | 70-130 | |
| Trichlorofluoromethane | ug/L | 20 | 22.5 | 113 | 70-131 | |
| Vinyl acetate | ug/L | 20 | 20.6 | 103 | 69-135 | |
| Vinyl chloride | ug/L | 20 | 23.2 | 116 | 69-140 | |
| Xylene (Total) | ug/L | 60 | 63.2 | 105 | 70-130 | |
| 1,2-Dichloroethane-d4 (S) | % | | | 98 | 86-125 | |
| 4-Bromofluorobenzene (S) | % | | | 94 | 70-114 | |
| Dibromofluoromethane (S) | % | | | 99 | 88-117 | |
| Toluene-d8 (S) | % | | | 102 | 87-113 | |

MATRIX SPIKE SAMPLE: 471488

| Parameter | Units | 3568702019 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | 0.50U | 20 | 19.6 | 98 | 39-130 | |
| 1,1,1-Trichloroethane | ug/L | 0.50U | 20 | 20.2 | 101 | 47-141 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 0.12U | 20 | 18.0 | 90 | 49-131 | |
| 1,1,2-Trichloroethane | ug/L | 0.50U | 20 | 19.3 | 97 | 50-130 | |
| 1,1-Dichloroethane | ug/L | 0.50U | 20 | 20.0 | 100 | 54-137 | |
| 1,1-Dichloroethene | ug/L | 0.50U | 20 | 20.0 | 100 | 45-155 | |
| 1,2,3-Trichloropropane | ug/L | 0.36U | 20 | 19.1 | 96 | 31-132 | |
| 1,2-Dichlorobenzene | ug/L | 0.50U | 20 | 19.2 | 96 | 43-130 | |
| 1,2-Dichloroethane | ug/L | 0.50U | 20 | 19.8 | 99 | 54-130 | |
| 1,2-Dichloropropane | ug/L | 0.50U | 20 | 20.0 | 100 | 53-130 | |
| 1,4-Dichlorobenzene | ug/L | 0.50U | 20 | 18.8 | 94 | 38-130 | |
| 2-Butanone (MEK) | ug/L | 5.0U | 20 | 17.3 | 87 | 48-138 | |
| 2-Hexanone | ug/L | 5.0U | 20 | 18.6 | 93 | 38-130 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 5.0U | 20 | 17.9 | 90 | 28-143 | |
| Acetone | ug/L | 5.0U | 20 | 22.5 | 112 | 20-140 | |
| Acrylonitrile | ug/L | 5.0U | 200 | 194 | 97 | 46-130 | |
| Benzene | ug/L | 0.10U | 20 | 19.5 | 97 | 53-132 | |
| Bromochloromethane | ug/L | 0.50U | 20 | 20.1 | 101 | 54-132 | |
| Bromodichloromethane | ug/L | 0.27U | 20 | 20.9 | 105 | 46-130 | |
| Bromoform | ug/L | 0.50U | 20 | 19.3 | 96 | 32-130 | |
| Bromomethane | ug/L | 0.50U | 20 | 15.3 | 77 | 20-152 | |
| Carbon disulfide | ug/L | 5.0U | 20 | 19.3 | 95 | 28-184 | |
| Carbon tetrachloride | ug/L | 0.50U | 20 | 20.3 | 101 | 37-137 | |
| Chlorobenzene | ug/L | 0.50U | 20 | 19.2 | 96 | 46-130 | |
| Chloroethane | ug/L | 0.50U | 20 | 22.9 | 115 | 48-159 | |
| Chloroform | ug/L | 0.50U | 20 | 20.0 | 100 | 51-130 | |
| Chloromethane | ug/L | 0.62U | 20 | 19.3 | 97 | 39-144 | |
| cis-1,2-Dichloroethene | ug/L | 0.50U | 20 | 19.5 | 97 | 54-130 | |
| cis-1,3-Dichloropropene | ug/L | 0.25U | 20 | 19.3 | 97 | 45-130 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

MATRIX SPIKE SAMPLE: 471488

| Parameter | Units | 3568702019 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Dibromochloromethane | ug/L | 0.26U | 20 | 19.9 | 99 | 43-130 | |
| Dibromomethane | ug/L | 0.50U | 20 | 19.0 | 95 | 50-130 | |
| Ethylbenzene | ug/L | 0.50U | 20 | 19.8 | 99 | 43-130 | |
| Iodomethane | ug/L | 0.50U | 20 | 20.9 | 104 | 20-169 | |
| Methylene Chloride | ug/L | 2.5U | 20 | 20.2 | 101 | 51-135 | |
| Styrene | ug/L | 0.50U | 20 | 19.9 | 99 | 40-130 | |
| Tetrachloroethene | ug/L | 0.50U | 20 | 19.0 | 95 | 26-130 | |
| Toluene | ug/L | 0.50U | 20 | 18.4 | 92 | 50-130 | |
| trans-1,2-Dichloroethene | ug/L | 0.50U | 20 | 19.7 | 98 | 48-142 | |
| trans-1,3-Dichloropropene | ug/L | 0.25U | 20 | 19.2 | 96 | 45-130 | |
| trans-1,4-Dichloro-2-butene | ug/L | 5.0U | 20 | 17.2 | 86 | 20-139 | |
| Trichloroethene | ug/L | 0.50U | 20 | 19.7 | 98 | 42-133 | |
| Trichlorofluoromethane | ug/L | 0.50U | 20 | 24.2 | 121 | 46-146 | |
| Vinyl acetate | ug/L | 1.0U | 20 | 16.7 | 84 | 20-165 | |
| Vinyl chloride | ug/L | 0.50U | 20 | 22.4 | 112 | 57-142 | |
| Xylene (Total) | ug/L | 0.50U | 60 | 59.0 | 98 | 42-130 | |
| 1,2-Dichloroethane-d4 (S) | % | | | | 108 | 86-125 | |
| 4-Bromofluorobenzene (S) | % | | | | 97 | 70-114 | |
| Dibromofluoromethane (S) | % | | | | 100 | 88-117 | |
| Toluene-d8 (S) | % | | | | 101 | 87-113 | |

SAMPLE DUPLICATE: 471487

| Parameter | Units | 3568702018 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,1,1-Trichloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 0.12U | 0.12U | | 40 | |
| 1,1,2-Trichloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,1-Dichloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,1-Dichloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| 1,2,3-Trichloropropane | ug/L | 0.36U | 0.36U | | 40 | |
| 1,2-Dichlorobenzene | ug/L | 0.50U | 0.50U | | 40 | |
| 1,2-Dichloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,2-Dichloropropane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,4-Dichlorobenzene | ug/L | 0.50U | 0.50U | | 40 | |
| 2-Butanone (MEK) | ug/L | 5.0U | 5.0U | | 40 | |
| 2-Hexanone | ug/L | 5.0U | 5.0U | | 40 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 5.0U | 5.0U | | 40 | |
| Acetone | ug/L | 5.0U | 5.0U | | 40 | |
| Acrylonitrile | ug/L | 5.0U | 5.0U | | 40 | |
| Benzene | ug/L | 0.48 I | 0.57 I | | 40 | |
| Bromochloromethane | ug/L | 0.50U | 0.50U | | 40 | |
| Bromodichloromethane | ug/L | 0.27U | 0.27U | | 40 | |
| Bromoform | ug/L | 0.50U | 0.50U | | 40 | |
| Bromomethane | ug/L | 0.50U | 0.50U | | 40 | |
| Carbon disulfide | ug/L | 5.0U | 5.0U | | 40 | |
| Carbon tetrachloride | ug/L | 0.50U | 0.50U | | 40 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

SAMPLE DUPLICATE: 471487

| Parameter | Units | 3568702018 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Chlorobenzene | ug/L | 0.50U | 0.50U | | 40 | |
| Chloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| Chloroform | ug/L | 0.50U | 0.50U | | 40 | |
| Chloromethane | ug/L | 0.62U | 0.62U | | 40 | |
| cis-1,2-Dichloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| cis-1,3-Dichloropropene | ug/L | 0.25U | 0.25U | | 40 | |
| Dibromochloromethane | ug/L | 0.26U | 0.26U | | 40 | |
| Dibromomethane | ug/L | 0.50U | 0.50U | | 40 | |
| Ethylbenzene | ug/L | 0.50U | 0.50U | | 40 | |
| Iodomethane | ug/L | 0.50U | 0.50U | | 40 | |
| Methylene Chloride | ug/L | 2.5U | 2.5U | | 40 | |
| Styrene | ug/L | 0.50U | 0.50U | | 40 | |
| Tetrachloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| Toluene | ug/L | 0.50U | 0.50U | | 40 | |
| trans-1,2-Dichloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| trans-1,3-Dichloropropene | ug/L | 0.25U | 0.25U | | 40 | |
| trans-1,4-Dichloro-2-butene | ug/L | 5.0U | 5.0U | | 40 | |
| Trichloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| Trichlorofluoromethane | ug/L | 0.50U | 0.50U | | 40 | |
| Vinyl acetate | ug/L | 1.0U | 1.0U | | 40 | |
| Vinyl chloride | ug/L | 0.50U | 0.50U | | 40 | |
| Xylene (Total) | ug/L | 0.50U | 0.50U | | 40 | |
| 1,2-Dichloroethane-d4 (S) | % | 109 | 111 | 2 | | |
| 4-Bromofluorobenzene (S) | % | 93 | 94 | 2 | | |
| Dibromofluoromethane (S) | % | 102 | 103 | 1 | | |
| Toluene-d8 (S) | % | 99 | 98 | 1 | | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: MSV/6594 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3567547015, 3567547016, 3567547017, 3567547018, 3567547019

METHOD BLANK: 472606 Matrix: Water
Associated Lab Samples: 3567547015, 3567547016, 3567547017, 3567547018, 3567547019

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| 1,1,1-Trichloroethane | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 0.12U | 0.50 | 09/25/12 20:49 | |
| 1,1,2-Trichloroethane | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| 1,1-Dichloroethane | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| 1,1-Dichloroethene | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| 1,2,3-Trichloropropane | ug/L | 0.36U | 0.50 | 09/25/12 20:49 | |
| 1,2-Dichlorobenzene | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| 1,2-Dichloroethane | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| 1,2-Dichloropropane | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| 1,4-Dichlorobenzene | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| 2-Butanone (MEK) | ug/L | 5.0U | 10.0 | 09/25/12 20:49 | |
| 2-Hexanone | ug/L | 5.0U | 10.0 | 09/25/12 20:49 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 5.0U | 10.0 | 09/25/12 20:49 | |
| Acetone | ug/L | 5.0U | 10.0 | 09/25/12 20:49 | |
| Acrylonitrile | ug/L | 5.0U | 10.0 | 09/25/12 20:49 | |
| Benzene | ug/L | 0.10U | 1.0 | 09/25/12 20:49 | |
| Bromochloromethane | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| Bromodichloromethane | ug/L | 0.27U | 0.60 | 09/25/12 20:49 | |
| Bromoform | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| Bromomethane | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| Carbon disulfide | ug/L | 5.0U | 10.0 | 09/25/12 20:49 | |
| Carbon tetrachloride | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| Chlorobenzene | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| Chloroethane | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| Chloroform | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| Chloromethane | ug/L | 0.62U | 1.0 | 09/25/12 20:49 | |
| cis-1,2-Dichloroethene | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| cis-1,3-Dichloropropene | ug/L | 0.25U | 0.50 | 09/25/12 20:49 | |
| Dibromochloromethane | ug/L | 0.26U | 0.50 | 09/25/12 20:49 | |
| Dibromomethane | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| Ethylbenzene | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| Iodomethane | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| Methylene Chloride | ug/L | 2.5U | 5.0 | 09/25/12 20:49 | |
| Styrene | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| Tetrachloroethene | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| Toluene | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| trans-1,2-Dichloroethene | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| trans-1,3-Dichloropropene | ug/L | 0.25U | 0.50 | 09/25/12 20:49 | |
| trans-1,4-Dichloro-2-butene | ug/L | 5.0U | 10.0 | 09/25/12 20:49 | |
| Trichloroethene | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| Trichlorofluoromethane | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| Vinyl acetate | ug/L | 1.0U | 2.0 | 09/25/12 20:49 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

METHOD BLANK: 472606 Matrix: Water

Associated Lab Samples: 3567547015, 3567547016, 3567547017, 3567547018, 3567547019

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Vinyl chloride | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| Xylene (Total) | ug/L | 0.50U | 1.0 | 09/25/12 20:49 | |
| 1,2-Dichloroethane-d4 (S) | % | 108 | 86-125 | 09/25/12 20:49 | |
| 4-Bromofluorobenzene (S) | % | 95 | 70-114 | 09/25/12 20:49 | |
| Dibromofluoromethane (S) | % | 101 | 88-117 | 09/25/12 20:49 | |
| Toluene-d8 (S) | % | 98 | 87-113 | 09/25/12 20:49 | |

LABORATORY CONTROL SAMPLE: 472607

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | 20 | 20.2 | 101 | 70-130 | |
| 1,1,1-Trichloroethane | ug/L | 20 | 19.2 | 96 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 20 | 19.9 | 100 | 70-130 | |
| 1,1,2-Trichloroethane | ug/L | 20 | 19.5 | 97 | 70-130 | |
| 1,1-Dichloroethane | ug/L | 20 | 18.9 | 94 | 70-130 | |
| 1,1-Dichloroethene | ug/L | 20 | 18.5 | 93 | 70-130 | |
| 1,2,3-Trichloropropane | ug/L | 20 | 18.8 | 94 | 70-130 | |
| 1,2-Dichlorobenzene | ug/L | 20 | 21.0 | 105 | 70-130 | |
| 1,2-Dichloroethane | ug/L | 20 | 19.4 | 97 | 70-130 | |
| 1,2-Dichloropropane | ug/L | 20 | 19.7 | 99 | 70-130 | |
| 1,4-Dichlorobenzene | ug/L | 20 | 20.5 | 103 | 70-130 | |
| 2-Butanone (MEK) | ug/L | 20 | 21.0 | 105 | 55-167 | |
| 2-Hexanone | ug/L | 20 | 19.4 | 97 | 65-130 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 20 | 20.6 | 103 | 70-130 | |
| Acetone | ug/L | 20 | 20.1 | 100 | 40-150 | |
| Acrylonitrile | ug/L | 200 | 204 | 102 | 70-130 | |
| Benzene | ug/L | 20 | 18.6 | 93 | 70-130 | |
| Bromochloromethane | ug/L | 20 | 19.8 | 99 | 70-130 | |
| Bromodichloromethane | ug/L | 20 | 19.7 | 99 | 70-130 | |
| Bromoform | ug/L | 20 | 19.3 | 96 | 68-130 | |
| Bromomethane | ug/L | 20 | 19.6 | 98 | 38-179 | |
| Carbon disulfide | ug/L | 20 | 22.0 | 110 | 51-155 | |
| Carbon tetrachloride | ug/L | 20 | 19.0 | 95 | 70-130 | |
| Chlorobenzene | ug/L | 20 | 19.7 | 99 | 70-130 | |
| Chloroethane | ug/L | 20 | 21.5 | 107 | 59-149 | |
| Chloroform | ug/L | 20 | 18.3 | 91 | 70-130 | |
| Chloromethane | ug/L | 20 | 19.6 | 98 | 68-130 | |
| cis-1,2-Dichloroethene | ug/L | 20 | 18.6 | 93 | 70-130 | |
| cis-1,3-Dichloropropene | ug/L | 20 | 20.4 | 102 | 70-130 | |
| Dibromochloromethane | ug/L | 20 | 19.9 | 99 | 70-130 | |
| Dibromomethane | ug/L | 20 | 18.4 | 92 | 70-130 | |
| Ethylbenzene | ug/L | 20 | 19.9 | 99 | 70-130 | |
| Iodomethane | ug/L | 20 | 20.7 | 103 | 43-160 | |
| Methylene Chloride | ug/L | 20 | 19.7 | 98 | 70-130 | |
| Styrene | ug/L | 20 | 20.8 | 104 | 70-130 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

LABORATORY CONTROL SAMPLE: 472607

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Tetrachloroethene | ug/L | 20 | 19.1 | 95 | 66-133 | |
| Toluene | ug/L | 20 | 18.4 | 92 | 70-130 | |
| trans-1,2-Dichloroethene | ug/L | 20 | 18.0 | 90 | 70-130 | |
| trans-1,3-Dichloropropene | ug/L | 20 | 19.8 | 99 | 70-130 | |
| trans-1,4-Dichloro-2-butene | ug/L | 20 | 20.6 | 103 | 65-130 | |
| Trichloroethene | ug/L | 20 | 18.2 | 91 | 70-130 | |
| Trichlorofluoromethane | ug/L | 20 | 22.5 | 112 | 70-131 | |
| Vinyl acetate | ug/L | 20 | 22.6 | 113 | 69-135 | |
| Vinyl chloride | ug/L | 20 | 22.2 | 111 | 69-140 | |
| Xylene (Total) | ug/L | 60 | 59.2 | 99 | 70-130 | |
| 1,2-Dichloroethane-d4 (S) | % | | | 99 | 86-125 | |
| 4-Bromofluorobenzene (S) | % | | | 98 | 70-114 | |
| Dibromofluoromethane (S) | % | | | 100 | 88-117 | |
| Toluene-d8 (S) | % | | | 99 | 87-113 | |

MATRIX SPIKE SAMPLE: 472609

| Parameter | Units | 3568818002 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | | 20 | 19.5 | 98 | 39-130 | |
| 1,1,1-Trichloroethane | ug/L | | 20 | 19.4 | 97 | 47-141 | |
| 1,1,2,2-Tetrachloroethane | ug/L | | 20 | 18.7 | 94 | 49-131 | |
| 1,1,2-Trichloroethane | ug/L | | 20 | 18.5 | 93 | 50-130 | |
| 1,1-Dichloroethane | ug/L | | 20 | 18.7 | 94 | 54-137 | |
| 1,1-Dichloroethene | ug/L | | 20 | 18.9 | 94 | 45-155 | |
| 1,2,3-Trichloropropane | ug/L | | 20 | 18.4 | 92 | 31-132 | |
| 1,2-Dichlorobenzene | ug/L | | 20 | 19.0 | 95 | 43-130 | |
| 1,2-Dichloroethane | ug/L | | 20 | 18.3 | 92 | 54-130 | |
| 1,2-Dichloropropane | ug/L | | 20 | 18.7 | 94 | 53-130 | |
| 1,4-Dichlorobenzene | ug/L | | 20 | 18.6 | 93 | 38-130 | |
| 2-Butanone (MEK) | ug/L | | 20 | 18.4 | 92 | 48-138 | |
| 2-Hexanone | ug/L | | 20 | 18.9 | 94 | 38-130 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | | 20 | 18.4 | 92 | 28-143 | |
| Acetone | ug/L | | 20 | 22.1 | 110 | 20-140 | |
| Acrylonitrile | ug/L | | 200 | 186 | 93 | 46-130 | |
| Benzene | ug/L | 35.5 | 20 | 53.4 | 89 | 53-132 | |
| Bromochloromethane | ug/L | | 20 | 19.1 | 96 | 54-132 | |
| Bromodichloromethane | ug/L | | 20 | 19.7 | 98 | 46-130 | |
| Bromoform | ug/L | | 20 | 18.0 | 90 | 32-130 | |
| Bromomethane | ug/L | | 20 | 13.3 | 66 | 20-152 | |
| Carbon disulfide | ug/L | | 20 | 22.4 | 112 | 28-184 | |
| Carbon tetrachloride | ug/L | | 20 | 19.2 | 96 | 37-137 | |
| Chlorobenzene | ug/L | | 20 | 19.1 | 96 | 46-130 | |
| Chloroethane | ug/L | | 20 | 21.3 | 107 | 48-159 | |
| Chloroform | ug/L | | 20 | 18.8 | 94 | 51-130 | |
| Chloromethane | ug/L | | 20 | 15.1 | 76 | 39-144 | |
| cis-1,2-Dichloroethene | ug/L | | 20 | 18.5 | 93 | 54-130 | |
| cis-1,3-Dichloropropene | ug/L | | 20 | 17.7 | 88 | 45-130 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

MATRIX SPIKE SAMPLE: 472609

| Parameter | Units | 3568818002 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Dibromochloromethane | ug/L | | 20 | 18.7 | 94 | 43-130 | |
| Dibromomethane | ug/L | | 20 | 17.6 | 88 | 50-130 | |
| Ethylbenzene | ug/L | 0.50U | 20 | 19.8 | 98 | 43-130 | |
| Iodomethane | ug/L | | 20 | 17.5 | 88 | 20-169 | |
| Methylene Chloride | ug/L | | 20 | 18.7 | 93 | 51-135 | |
| Styrene | ug/L | | 20 | 19.5 | 97 | 40-130 | |
| Tetrachloroethene | ug/L | | 20 | 18.4 | 92 | 26-130 | |
| Toluene | ug/L | 38.6 | 20 | 55.1 | 82 | 50-130 | |
| trans-1,2-Dichloroethene | ug/L | | 20 | 18.4 | 92 | 48-142 | |
| trans-1,3-Dichloropropene | ug/L | | 20 | 17.8 | 89 | 45-130 | |
| trans-1,4-Dichloro-2-butene | ug/L | | 20 | 17.5 | 87 | 20-139 | |
| Trichloroethene | ug/L | | 20 | 18.9 | 94 | 42-133 | |
| Trichlorofluoromethane | ug/L | | 20 | 23.3 | 116 | 46-146 | |
| Vinyl acetate | ug/L | | 20 | 17.8 | 89 | 20-165 | |
| Vinyl chloride | ug/L | | 20 | 22.2 | 111 | 57-142 | |
| Xylene (Total) | ug/L | 8.3 | 60 | 66.7 | 97 | 42-130 | |
| 1,2-Dichloroethane-d4 (S) | % | | | | 99 | 86-125 | |
| 4-Bromofluorobenzene (S) | % | | | | 95 | 70-114 | |
| Dibromofluoromethane (S) | % | | | | 102 | 88-117 | |
| Toluene-d8 (S) | % | | | | 101 | 87-113 | |

SAMPLE DUPLICATE: 472608

| Parameter | Units | 3568818001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | | 0.50U | | 40 | |
| 1,1,1-Trichloroethane | ug/L | | 0.50U | | 40 | |
| 1,1,2,2-Tetrachloroethane | ug/L | | 0.12U | | 40 | |
| 1,1,2-Trichloroethane | ug/L | | 0.50U | | 40 | |
| 1,1-Dichloroethane | ug/L | | 0.50U | | 40 | |
| 1,1-Dichloroethene | ug/L | | 0.50U | | 40 | |
| 1,2,3-Trichloropropane | ug/L | | 0.36U | | 40 | |
| 1,2-Dichlorobenzene | ug/L | | 0.50U | | 40 | |
| 1,2-Dichloroethane | ug/L | | 0.50U | | 40 | |
| 1,2-Dichloropropane | ug/L | | 0.50U | | 40 | |
| 1,4-Dichlorobenzene | ug/L | | 0.50U | | 40 | |
| 2-Butanone (MEK) | ug/L | | 5.0U | | 40 | |
| 2-Hexanone | ug/L | | 5.0U | | 40 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | | 5.0U | | 40 | |
| Acetone | ug/L | | 5.0U | | 40 | |
| Acrylonitrile | ug/L | | 5.0U | | 40 | |
| Benzene | ug/L | 0.18 I | 0.11 I | | 40 | |
| Bromochloromethane | ug/L | | 0.50U | | 40 | |
| Bromodichloromethane | ug/L | | 0.27U | | 40 | |
| Bromoform | ug/L | | 0.50U | | 40 | |
| Bromomethane | ug/L | | 0.50U | | 40 | |
| Carbon disulfide | ug/L | | 5.0U | 3 | 40 | |
| Carbon tetrachloride | ug/L | | 0.50U | | 40 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

SAMPLE DUPLICATE: 472608

| Parameter | Units | 3568818001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Chlorobenzene | ug/L | | 0.50U | | 40 | |
| Chloroethane | ug/L | | 0.50U | | 40 | |
| Chloroform | ug/L | | 0.50U | | 40 | |
| Chloromethane | ug/L | | 0.62U | | 40 | |
| cis-1,2-Dichloroethene | ug/L | | 0.50U | | 40 | |
| cis-1,3-Dichloropropene | ug/L | | 0.25U | | 40 | |
| Dibromochloromethane | ug/L | | 0.26U | | 40 | |
| Dibromomethane | ug/L | | 0.50U | | 40 | |
| Ethylbenzene | ug/L | 0.50U | 0.50U | | 40 | |
| Iodomethane | ug/L | | 0.50U | | 40 | |
| Methylene Chloride | ug/L | | 2.5U | | 40 | |
| Styrene | ug/L | | 0.50U | | 40 | |
| Tetrachloroethene | ug/L | | 0.50U | | 40 | |
| Toluene | ug/L | 0.75 I | 0.65 I | | 40 | |
| trans-1,2-Dichloroethene | ug/L | | 0.50U | | 40 | |
| trans-1,3-Dichloropropene | ug/L | | 0.25U | | 40 | |
| trans-1,4-Dichloro-2-butene | ug/L | | 5.0U | | 40 | |
| Trichloroethene | ug/L | | 0.50U | | 40 | |
| Trichlorofluoromethane | ug/L | | 0.50U | | 40 | |
| Vinyl acetate | ug/L | | 1.0U | | 40 | |
| Vinyl chloride | ug/L | | 0.50U | | 40 | |
| Xylene (Total) | ug/L | 0.50U | 0.50U | | 40 | |
| 1,2-Dichloroethane-d4 (S) | % | 105 | 108 | 3 | | |
| 4-Bromofluorobenzene (S) | % | 95 | 94 | 1 | | |
| Dibromofluoromethane (S) | % | 105 | 103 | 2 | | |
| Toluene-d8 (S) | % | 98 | 100 | 2 | | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: MSV/6595 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3567547020, 3567547021, 3567547022, 3567547023, 3567547024, 3567547025, 3567547026, 3567547027, 3567547028

METHOD BLANK: 472621 Matrix: Water
Associated Lab Samples: 3567547020, 3567547021, 3567547022, 3567547023, 3567547024, 3567547025, 3567547026, 3567547027, 3567547028

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| 1,1,1-Trichloroethane | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 0.12U | 0.50 | 09/25/12 22:45 | |
| 1,1,2-Trichloroethane | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| 1,1-Dichloroethane | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| 1,1-Dichloroethene | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| 1,1-Dichloropropene | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| 1,2,3-Trichloropropane | ug/L | 0.36U | 0.50 | 09/25/12 22:45 | |
| 1,2,4-Trichlorobenzene | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| 1,2-Dichlorobenzene | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| 1,2-Dichloroethane | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| 1,2-Dichloropropane | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| 1,3-Dichloropropane | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| 1,4-Dichlorobenzene | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| 2,2-Dichloropropane | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| 2-Butanone (MEK) | ug/L | 5.0U | 10.0 | 09/25/12 22:45 | |
| 2-Hexanone | ug/L | 5.0U | 10.0 | 09/25/12 22:45 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 5.0U | 10.0 | 09/25/12 22:45 | |
| Acetone | ug/L | 5.0U | 10.0 | 09/25/12 22:45 | |
| Acetonitrile | ug/L | 5.0U | 10.0 | 09/25/12 22:45 | |
| Acrolein | ug/L | 10.0U | 20.0 | 09/25/12 22:45 | |
| Acrylonitrile | ug/L | 5.0U | 10.0 | 09/25/12 22:45 | |
| Allyl chloride | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| Benzene | ug/L | 0.10U | 1.0 | 09/25/12 22:45 | |
| Bromochloromethane | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| Bromodichloromethane | ug/L | 0.27U | 0.60 | 09/25/12 22:45 | |
| Bromoform | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| Bromomethane | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| Carbon disulfide | ug/L | 5.0U | 10.0 | 09/25/12 22:45 | |
| Carbon tetrachloride | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| Chlorobenzene | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| Chloroethane | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| Chloroform | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| Chloromethane | ug/L | 0.62U | 1.0 | 09/25/12 22:45 | |
| Chloroprene | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| cis-1,2-Dichloroethene | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| cis-1,3-Dichloropropene | ug/L | 0.25U | 0.50 | 09/25/12 22:45 | |
| Dibromochloromethane | ug/L | 0.26U | 0.50 | 09/25/12 22:45 | |
| Dibromomethane | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| Dichlorodifluoromethane | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| Ethyl methacrylate | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

METHOD BLANK: 472621 Matrix: Water

Associated Lab Samples: 3567547020, 3567547021, 3567547022, 3567547023, 3567547024, 3567547025, 3567547026, 3567547027, 3567547028

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Ethylbenzene | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| Hexachloro-1,3-butadiene | ug/L | 0.40U | 1.0 | 09/25/12 22:45 | |
| Iodomethane | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| Isobutyl Alcohol | ug/L | 10.0U | 20.0 | 09/25/12 22:45 | |
| Methacrylonitrile | ug/L | 5.0U | 10.0 | 09/25/12 22:45 | |
| Methyl methacrylate | ug/L | 5.0U | 10.0 | 09/25/12 22:45 | |
| Methylene Chloride | ug/L | 2.5U | 5.0 | 09/25/12 22:45 | |
| Propionitrile | ug/L | 5.0U | 10.0 | 09/25/12 22:45 | |
| Styrene | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| Tetrachloroethene | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| Toluene | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| trans-1,2-Dichloroethene | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| trans-1,3-Dichloropropene | ug/L | 0.25U | 0.50 | 09/25/12 22:45 | |
| trans-1,4-Dichloro-2-butene | ug/L | 5.0U | 10.0 | 09/25/12 22:45 | |
| Trichloroethene | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| Trichlorofluoromethane | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| Vinyl acetate | ug/L | 1.0U | 2.0 | 09/25/12 22:45 | |
| Vinyl chloride | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| Xylene (Total) | ug/L | 0.50U | 1.0 | 09/25/12 22:45 | |
| 1,2-Dichloroethane-d4 (S) | % | 105 | 86-125 | 09/25/12 22:45 | |
| 4-Bromofluorobenzene (S) | % | 100 | 70-114 | 09/25/12 22:45 | |
| Dibromofluoromethane (S) | % | 95 | 88-117 | 09/25/12 22:45 | |
| Toluene-d8 (S) | % | 98 | 87-113 | 09/25/12 22:45 | |

LABORATORY CONTROL SAMPLE: 472622

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | 20 | 18.7 | 94 | 70-130 | |
| 1,1,1-Trichloroethane | ug/L | 20 | 18.7 | 94 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 20 | 18.9 | 94 | 70-130 | |
| 1,1,2-Trichloroethane | ug/L | 20 | 19.8 | 99 | 70-130 | |
| 1,1-Dichloroethane | ug/L | 20 | 20.7 | 103 | 70-130 | |
| 1,1-Dichloroethene | ug/L | 20 | 19.9 | 99 | 70-130 | |
| 1,1-Dichloropropene | ug/L | 20 | 18.3 | 92 | 70-130 | |
| 1,2,3-Trichloropropane | ug/L | 20 | 18.9 | 95 | 70-130 | |
| 1,2,4-Trichlorobenzene | ug/L | 20 | 18.6 | 93 | 70-130 | |
| 1,2-Dichlorobenzene | ug/L | 20 | 19.5 | 97 | 70-130 | |
| 1,2-Dichloroethane | ug/L | 20 | 21.0 | 105 | 70-130 | |
| 1,2-Dichloropropane | ug/L | 20 | 20.2 | 101 | 70-130 | |
| 1,3-Dichloropropane | ug/L | 20 | 19.7 | 99 | 70-130 | |
| 1,4-Dichlorobenzene | ug/L | 20 | 19.8 | 99 | 70-130 | |
| 2,2-Dichloropropane | ug/L | 20 | 17.6 | 88 | 70-131 | |
| 2-Butanone (MEK) | ug/L | 20 | 28.2 | 141 | 55-167 | |
| 2-Hexanone | ug/L | 20 | 24.3 | 122 | 65-130 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

LABORATORY CONTROL SAMPLE: 472622

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| 4-Methyl-2-pentanone (MIBK) | ug/L | 20 | 25.0 | 125 | 70-130 | |
| Acetone | ug/L | 20 | 29.7 | 148 | 40-150 | |
| Acetonitrile | ug/L | 200 | 309 | 155 | 63-138 | J(L0) |
| Acrolein | ug/L | 200 | 391 | 195 | 44-170 | J(L0) |
| Acrylonitrile | ug/L | 200 | 278 | 139 | 70-130 | J(L0) |
| Allyl chloride | ug/L | 20 | 27.6 | 138 | 70-130 | J(L0) |
| Benzene | ug/L | 20 | 18.9 | 94 | 70-130 | |
| Bromochloromethane | ug/L | 20 | 19.4 | 97 | 70-130 | |
| Bromodichloromethane | ug/L | 20 | 17.6 | 88 | 70-130 | |
| Bromoform | ug/L | 20 | 14.8 | 74 | 68-130 | |
| Bromomethane | ug/L | 20 | 17.8 | 89 | 38-179 | |
| Carbon disulfide | ug/L | 20 | 23.4 | 117 | 51-155 | |
| Carbon tetrachloride | ug/L | 20 | 16.1 | 80 | 70-130 | |
| Chlorobenzene | ug/L | 20 | 20.3 | 102 | 70-130 | |
| Chloroethane | ug/L | 20 | 23.0 | 115 | 59-149 | |
| Chloroform | ug/L | 20 | 19.1 | 95 | 70-130 | |
| Chloromethane | ug/L | 20 | 23.6 | 118 | 68-130 | |
| Chloroprene | ug/L | 20 | 27.8 | 139 | 70-130 | J(L0) |
| cis-1,2-Dichloroethene | ug/L | 20 | 20.3 | 102 | 70-130 | |
| cis-1,3-Dichloropropene | ug/L | 20 | 18.6 | 93 | 70-130 | |
| Dibromochloromethane | ug/L | 20 | 17.3 | 87 | 70-130 | |
| Dibromomethane | ug/L | 20 | 19.9 | 100 | 70-130 | |
| Dichlorodifluoromethane | ug/L | 20 | 21.0 | 105 | 67-130 | |
| Ethyl methacrylate | ug/L | 20 | 25.2 | 126 | 70-130 | |
| Ethylbenzene | ug/L | 20 | 19.6 | 98 | 70-130 | |
| Hexachloro-1,3-butadiene | ug/L | 20 | 17.0 | 85 | 70-130 | |
| Iodomethane | ug/L | 20 | 23.2 | 116 | 43-160 | |
| Isobutyl Alcohol | ug/L | 400 | 489 | 122 | 66-135 | |
| Methacrylonitrile | ug/L | 200 | 268 | 134 | 70-130 | J(L0) |
| Methyl methacrylate | ug/L | 20 | 20.3 | 102 | 70-130 | |
| Methylene Chloride | ug/L | 20 | 23.8 | 119 | 70-130 | |
| Propionitrile | ug/L | 200 | 267 | 134 | 70-130 | J(L0) |
| Styrene | ug/L | 20 | 21.1 | 105 | 70-130 | |
| Tetrachloroethene | ug/L | 20 | 20.2 | 101 | 66-133 | |
| Toluene | ug/L | 20 | 21.8 | 109 | 70-130 | |
| trans-1,2-Dichloroethene | ug/L | 20 | 21.5 | 108 | 70-130 | |
| trans-1,3-Dichloropropene | ug/L | 20 | 18.8 | 94 | 70-130 | |
| trans-1,4-Dichloro-2-butene | ug/L | 20 | 20.9 | 105 | 65-130 | |
| Trichloroethene | ug/L | 20 | 19.9 | 99 | 70-130 | |
| Trichlorofluoromethane | ug/L | 20 | 20.6 | 103 | 70-131 | |
| Vinyl acetate | ug/L | 20 | 29.9 | 150 | 69-135 | J(L0) |
| Vinyl chloride | ug/L | 20 | 23.3 | 117 | 69-140 | |
| Xylene (Total) | ug/L | 60 | 57.9 | 96 | 70-130 | |
| 1,2-Dichloroethane-d4 (S) | % | | | 107 | 86-125 | |
| 4-Bromofluorobenzene (S) | % | | | 103 | 70-114 | |
| Dibromofluoromethane (S) | % | | | 101 | 88-117 | |
| Toluene-d8 (S) | % | | | 99 | 87-113 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

MATRIX SPIKE SAMPLE: 473792

| Parameter | Units | 3568557003 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | | | 17.9 | | | |
| 1,1,1-Trichloroethane | ug/L | 0.50U | 20 | 19.8 | 99 | 47-141 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 0.12U | 20 | 17.5 | 87 | 49-131 | |
| 1,1,2-Trichloroethane | ug/L | 0.50U | 20 | 19.2 | 96 | 50-130 | |
| 1,1-Dichloroethane | ug/L | 0.50U | 20 | 22.5 | 113 | 54-137 | |
| 1,1-Dichloroethene | ug/L | 0.50U | 20 | 25.1 | 125 | 45-155 | |
| 1,1-Dichloropropene | ug/L | | | 18.9 | | | |
| 1,2,3-Trichloropropane | ug/L | | | 17.9 | | | |
| 1,2,4-Trichlorobenzene | ug/L | | | 16.4 | | | |
| 1,2-Dichlorobenzene | ug/L | 0.50U | 20 | 18.9 | 94 | 43-130 | |
| 1,2-Dichloroethane | ug/L | 0.50U | 20 | 20.5 | 103 | 54-130 | |
| 1,2-Dichloropropane | ug/L | 0.50U | 20 | 19.7 | 99 | 53-130 | |
| 1,3-Dichloropropane | ug/L | | | 18.7 | | | |
| 1,4-Dichlorobenzene | ug/L | 0.50U | 20 | 19.4 | 96 | 38-130 | |
| 2,2-Dichloropropane | ug/L | | | 15.4 | | | |
| 2-Butanone (MEK) | ug/L | | | 31.3 | | | |
| 2-Hexanone | ug/L | | | 19.3 | | | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | | | 23.1 | | | |
| Acetone | ug/L | | | 41.3 | | | |
| Acetonitrile | ug/L | | | 265 | | | |
| Acrolein | ug/L | | | 272 | | | |
| Acrylonitrile | ug/L | | | 267 | | | |
| Allyl chloride | ug/L | | | 27.3 | | | |
| Benzene | ug/L | 0.32 I | 20 | 19.3 | 95 | 53-132 | |
| Bromochloromethane | ug/L | | | 18.8 | | | |
| Bromodichloromethane | ug/L | 0.27U | 20 | 16.4 | 82 | 46-130 | |
| Bromoform | ug/L | 0.50U | 20 | 12.4 | 62 | 32-130 | |
| Bromomethane | ug/L | 0.50U | 20 | 14.4 | 72 | 20-152 | |
| Carbon disulfide | ug/L | | | 25.1 | | | |
| Carbon tetrachloride | ug/L | 0.50U | 20 | 17.4 | 87 | 37-137 | |
| Chlorobenzene | ug/L | 0.88 I | 20 | 21.1 | 101 | 46-130 | |
| Chloroethane | ug/L | 0.50U | 20 | 24.4 | 122 | 48-159 | |
| Chloroform | ug/L | 0.50U | 20 | 19.6 | 98 | 51-130 | |
| Chloromethane | ug/L | 0.62U | 20 | 25.0 | 125 | 39-144 | |
| Chloroprene | ug/L | | | 30.0 | | | |
| cis-1,2-Dichloroethene | ug/L | 0.50U | 20 | 20.6 | 101 | 54-130 | |
| cis-1,3-Dichloropropene | ug/L | 0.25U | 20 | 16.0 | 80 | 45-130 | |
| Dibromochloromethane | ug/L | 0.26U | 20 | 15.2 | 76 | 43-130 | |
| Dibromomethane | ug/L | | | 18.6 | | | |
| Dichlorodifluoromethane | ug/L | 0.50U | 20 | 22.7 | 113 | 38-151 | |
| Ethyl methacrylate | ug/L | | | 21.5 | | | |
| Ethylbenzene | ug/L | 0.50U | 20 | 19.8 | 98 | 43-130 | |
| Hexachloro-1,3-butadiene | ug/L | | | 16.1 | | | |
| Iodomethane | ug/L | | | 19.5 | | | |
| Isobutyl Alcohol | ug/L | | | 334 | | | |
| Methacrylonitrile | ug/L | | | 253 | | | |
| Methyl methacrylate | ug/L | | | 17.2 | | | |
| Methylene Chloride | ug/L | 2.5U | 20 | 24.9 | 124 | 51-135 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

MATRIX SPIKE SAMPLE: 473792

| Parameter | Units | 3568557003 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Propionitrile | ug/L | | | 232 | | | |
| Styrene | ug/L | | | 20.5 | | | |
| Tetrachloroethene | ug/L | 0.50U | 20 | 20.7 | 103 | 26-130 | |
| Toluene | ug/L | 0.50U | 20 | 22.3 | 112 | 50-130 | |
| trans-1,2-Dichloroethene | ug/L | 0.50U | 20 | 23.4 | 117 | 48-142 | |
| trans-1,3-Dichloropropene | ug/L | 0.25U | 20 | 16.1 | 81 | 45-130 | |
| trans-1,4-Dichloro-2-butene | ug/L | | | 16.8 | | | |
| Trichloroethene | ug/L | 0.50U | 20 | 20.6 | 103 | 42-133 | |
| Trichlorofluoromethane | ug/L | 0.50U | 20 | 26.8 | 134 | 46-146 | |
| Vinyl acetate | ug/L | | | 18.5 | | | |
| Vinyl chloride | ug/L | 0.50U | 20 | 25.0 | 125 | 57-142 | |
| Xylene (Total) | ug/L | 0.50U | 60 | 59.0 | 98 | 42-130 | |
| 1,2-Dichloroethane-d4 (S) | % | | | | 110 | 86-125 | |
| 4-Bromofluorobenzene (S) | % | | | | 104 | 70-114 | |
| Dibromofluoromethane (S) | % | | | | 103 | 88-117 | |
| Toluene-d8 (S) | % | | | | 98 | 87-113 | |

SAMPLE DUPLICATE: 473791

| Parameter | Units | 3568557002 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,1,1-Trichloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 0.12U | 0.12U | | 40 | |
| 1,1,2-Trichloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,1-Dichloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,1-Dichloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| 1,1-Dichloropropene | ug/L | 0.50U | 0.50U | | 40 | |
| 1,2,3-Trichloropropane | ug/L | 0.36U | 0.36U | | 40 | |
| 1,2,4-Trichlorobenzene | ug/L | 0.50U | 0.50U | | 40 | |
| 1,2-Dichlorobenzene | ug/L | 0.50U | 0.50U | | 40 | |
| 1,2-Dichloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,2-Dichloropropane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,3-Dichloropropane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,4-Dichlorobenzene | ug/L | 0.50U | 0.50U | | 40 | |
| 2,2-Dichloropropane | ug/L | 0.50U | 0.50U | | 40 | |
| 2-Butanone (MEK) | ug/L | 5.0U | 5.0U | | 40 | |
| 2-Hexanone | ug/L | 5.0U | 5.0U | | 40 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 5.0U | 5.0U | | 40 | |
| Acetone | ug/L | 5.7 I | 5.9 I | | 40 | |
| Acetonitrile | ug/L | 5.0U | 5.0U | | 40 | |
| Acrolein | ug/L | 10.0U | 10.0U | | 40 | |
| Acrylonitrile | ug/L | 5.0U | 5.0U | | 40 | |
| Allyl chloride | ug/L | 0.50U | 0.50U | | 40 | |
| Benzene | ug/L | 0.10U | 0.10U | | 40 | |
| Bromochloromethane | ug/L | 0.50U | 0.50U | | 40 | |
| Bromodichloromethane | ug/L | 0.27U | 0.27U | | 40 | |
| Bromoform | ug/L | 0.50U | 0.50U | | 40 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

SAMPLE DUPLICATE: 473791

| Parameter | Units | 3568557002 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Bromomethane | ug/L | 0.50U | 0.50U | | 40 | |
| Carbon disulfide | ug/L | 5.0U | 5.0U | | 40 | |
| Carbon tetrachloride | ug/L | 0.50U | 0.50U | | 40 | |
| Chlorobenzene | ug/L | 0.50U | 0.50U | | 40 | |
| Chloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| Chloroform | ug/L | 0.50U | 0.50U | | 40 | |
| Chloromethane | ug/L | 0.62U | 0.62U | | 40 | |
| Chloroprene | ug/L | 0.50U | 0.50U | | 40 | |
| cis-1,2-Dichloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| cis-1,3-Dichloropropene | ug/L | 0.25U | 0.25U | | 40 | |
| Dibromochloromethane | ug/L | 0.26U | 0.26U | | 40 | |
| Dibromomethane | ug/L | 0.50U | 0.50U | | 40 | |
| Dichlorodifluoromethane | ug/L | 0.50U | 0.50U | | 40 | |
| Ethyl methacrylate | ug/L | 0.50U | 0.50U | | 40 | |
| Ethylbenzene | ug/L | 0.50U | 0.50U | | 40 | |
| Hexachloro-1,3-butadiene | ug/L | 0.40U | 0.40U | | 40 | |
| Iodomethane | ug/L | 0.50U | 0.50U | | 40 | |
| Isobutyl Alcohol | ug/L | 10.0U | 10.0U | | 40 | |
| Methacrylonitrile | ug/L | 5.0U | 5.0U | | 40 | |
| Methyl methacrylate | ug/L | 5.0U | 5.0U | | 40 | |
| Methylene Chloride | ug/L | 2.5U | 2.5U | | 40 | |
| Propionitrile | ug/L | 5.0U | 5.0U | | 40 | |
| Styrene | ug/L | 0.50U | 0.50U | | 40 | |
| Tetrachloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| Toluene | ug/L | 0.50U | 0.50U | | 40 | |
| trans-1,2-Dichloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| trans-1,3-Dichloropropene | ug/L | 0.25U | 0.25U | | 40 | |
| trans-1,4-Dichloro-2-butene | ug/L | 5.0U | 5.0U | | 40 | |
| Trichloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| Trichlorofluoromethane | ug/L | 0.50U | 0.50U | | 40 | |
| Vinyl acetate | ug/L | 1.0U | 1.0U | | 40 | |
| Vinyl chloride | ug/L | 0.50U | 0.50U | | 40 | |
| Xylene (Total) | ug/L | 0.50U | 0.50U | | 40 | |
| 1,2-Dichloroethane-d4 (S) | % | 107 | 107 | .1 | | |
| 4-Bromofluorobenzene (S) | % | 96 | 97 | 1 | | |
| Dibromofluoromethane (S) | % | 97 | 98 | .5 | | |
| Toluene-d8 (S) | % | 98 | 98 | .3 | | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: MSV/6599 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3567547034, 3567547035, 3567547036

METHOD BLANK: 472841 Matrix: Water
Associated Lab Samples: 3567547034, 3567547035, 3567547036

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| 1,1,1-Trichloroethane | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 0.12U | 0.50 | 09/26/12 08:07 | |
| 1,1,2-Trichloroethane | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| 1,1-Dichloroethane | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| 1,1-Dichloroethene | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| 1,2,3-Trichloropropane | ug/L | 0.36U | 0.50 | 09/26/12 08:07 | |
| 1,2-Dichlorobenzene | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| 1,2-Dichloroethane | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| 1,2-Dichloropropane | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| 1,4-Dichlorobenzene | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| 2-Butanone (MEK) | ug/L | 5.0U | 10.0 | 09/26/12 08:07 | |
| 2-Hexanone | ug/L | 5.0U | 10.0 | 09/26/12 08:07 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 5.0U | 10.0 | 09/26/12 08:07 | |
| Acetone | ug/L | 5.0U | 10.0 | 09/26/12 08:07 | |
| Acrylonitrile | ug/L | 5.0U | 10.0 | 09/26/12 08:07 | |
| Benzene | ug/L | 0.10U | 1.0 | 09/26/12 08:07 | |
| Bromochloromethane | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| Bromodichloromethane | ug/L | 0.27U | 0.60 | 09/26/12 08:07 | |
| Bromoform | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| Bromomethane | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| Carbon disulfide | ug/L | 5.0U | 10.0 | 09/26/12 08:07 | |
| Carbon tetrachloride | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| Chlorobenzene | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| Chloroethane | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| Chloroform | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| Chloromethane | ug/L | 0.62U | 1.0 | 09/26/12 08:07 | |
| cis-1,2-Dichloroethene | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| cis-1,3-Dichloropropene | ug/L | 0.25U | 0.50 | 09/26/12 08:07 | |
| Dibromochloromethane | ug/L | 0.26U | 0.50 | 09/26/12 08:07 | |
| Dibromomethane | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| Ethylbenzene | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| Iodomethane | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| Methylene Chloride | ug/L | 2.5U | 5.0 | 09/26/12 08:07 | |
| Styrene | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| Tetrachloroethene | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| Toluene | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| trans-1,2-Dichloroethene | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| trans-1,3-Dichloropropene | ug/L | 0.25U | 0.50 | 09/26/12 08:07 | |
| trans-1,4-Dichloro-2-butene | ug/L | 5.0U | 10.0 | 09/26/12 08:07 | |
| Trichloroethene | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| Trichlorofluoromethane | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| Vinyl acetate | ug/L | 1.0U | 2.0 | 09/26/12 08:07 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

METHOD BLANK: 472841 Matrix: Water

Associated Lab Samples: 3567547034, 3567547035, 3567547036

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Vinyl chloride | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| Xylene (Total) | ug/L | 0.50U | 1.0 | 09/26/12 08:07 | |
| 1,2-Dichloroethane-d4 (S) | % | 110 | 86-125 | 09/26/12 08:07 | |
| 4-Bromofluorobenzene (S) | % | 94 | 70-114 | 09/26/12 08:07 | |
| Dibromofluoromethane (S) | % | 106 | 88-117 | 09/26/12 08:07 | |
| Toluene-d8 (S) | % | 99 | 87-113 | 09/26/12 08:07 | |

LABORATORY CONTROL SAMPLE: 473534

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | 20 | 17.6 | 88 | 70-130 | |
| 1,1,1-Trichloroethane | ug/L | 20 | 17.4 | 87 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 20 | 17.5 | 88 | 70-130 | |
| 1,1,2-Trichloroethane | ug/L | 20 | 17.3 | 87 | 70-130 | |
| 1,1-Dichloroethane | ug/L | 20 | 17.3 | 86 | 70-130 | |
| 1,1-Dichloroethene | ug/L | 20 | 16.6 | 83 | 70-130 | |
| 1,2,3-Trichloropropane | ug/L | 20 | 21.6 | 108 | 70-130 | |
| 1,2-Dichlorobenzene | ug/L | 20 | 18.2 | 91 | 70-130 | |
| 1,2-Dichloroethane | ug/L | 20 | 16.4 | 82 | 70-130 | |
| 1,2-Dichloropropane | ug/L | 20 | 17.7 | 88 | 70-130 | |
| 1,4-Dichlorobenzene | ug/L | 20 | 18.1 | 90 | 70-130 | |
| 2-Butanone (MEK) | ug/L | 20 | 21.6 | 108 | 55-167 | |
| 2-Hexanone | ug/L | 20 | 18.7 | 94 | 65-130 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 20 | 19.2 | 96 | 70-130 | |
| Acetone | ug/L | 20 | 21.6 | 108 | 40-150 | |
| Acrylonitrile | ug/L | 200 | 195 | 97 | 70-130 | |
| Benzene | ug/L | 20 | 16.8 | 84 | 70-130 | |
| Bromochloromethane | ug/L | 20 | 18.0 | 90 | 70-130 | |
| Bromodichloromethane | ug/L | 20 | 17.7 | 89 | 70-130 | |
| Bromoform | ug/L | 20 | 17.1 | 86 | 68-130 | |
| Bromomethane | ug/L | 20 | 17.7 | 88 | 38-179 | |
| Carbon disulfide | ug/L | 20 | 21.3 | 107 | 51-155 | |
| Carbon tetrachloride | ug/L | 20 | 17.0 | 85 | 70-130 | |
| Chlorobenzene | ug/L | 20 | 17.4 | 87 | 70-130 | |
| Chloroethane | ug/L | 20 | 19.5 | 98 | 59-149 | |
| Chloroform | ug/L | 20 | 16.6 | 83 | 70-130 | |
| Chloromethane | ug/L | 20 | 15.8 | 79 | 68-130 | |
| cis-1,2-Dichloroethene | ug/L | 20 | 16.7 | 84 | 70-130 | |
| cis-1,3-Dichloropropene | ug/L | 20 | 18.1 | 91 | 70-130 | |
| Dibromochloromethane | ug/L | 20 | 17.9 | 89 | 70-130 | |
| Dibromomethane | ug/L | 20 | 16.3 | 82 | 70-130 | |
| Ethylbenzene | ug/L | 20 | 18.0 | 90 | 70-130 | |
| Iodomethane | ug/L | 20 | 17.7 | 89 | 43-160 | |
| Methylene Chloride | ug/L | 20 | 16.2 | 81 | 70-130 | |
| Styrene | ug/L | 20 | 17.6 | 88 | 70-130 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

LABORATORY CONTROL SAMPLE: 473534

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Tetrachloroethene | ug/L | 20 | 16.6 | 83 | 66-133 | |
| Toluene | ug/L | 20 | 16.3 | 82 | 70-130 | |
| trans-1,2-Dichloroethene | ug/L | 20 | 16.3 | 82 | 70-130 | |
| trans-1,3-Dichloropropene | ug/L | 20 | 17.7 | 88 | 70-130 | |
| trans-1,4-Dichloro-2-butene | ug/L | 20 | 18.8 | 94 | 65-130 | |
| Trichloroethene | ug/L | 20 | 16.8 | 84 | 70-130 | |
| Trichlorofluoromethane | ug/L | 20 | 20.7 | 103 | 70-131 | |
| Vinyl acetate | ug/L | 20 | 21.4 | 107 | 69-135 | |
| Vinyl chloride | ug/L | 20 | 19.5 | 97 | 69-140 | |
| Xylene (Total) | ug/L | 60 | 53.2 | 89 | 70-130 | |
| 1,2-Dichloroethane-d4 (S) | % | | | 93 | 86-125 | |
| 4-Bromofluorobenzene (S) | % | | | 96 | 70-114 | |
| Dibromofluoromethane (S) | % | | | 101 | 88-117 | |
| Toluene-d8 (S) | % | | | 100 | 87-113 | |

MATRIX SPIKE SAMPLE: 473053

| Parameter | Units | 3569039003 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | 0.50U | 20 | 14.2 | 71 | 39-130 | |
| 1,1,1-Trichloroethane | ug/L | 0.50U | 20 | 14.5 | 72 | 47-141 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 0.12U | 20 | 14.9 | 74 | 49-131 | |
| 1,1,2-Trichloroethane | ug/L | 0.50U | 20 | 14.3 | 72 | 50-130 | |
| 1,1-Dichloroethane | ug/L | 0.50U | 20 | 14.7 | 73 | 54-137 | |
| 1,1-Dichloroethene | ug/L | 0.50U | 20 | 14.2 | 71 | 45-155 | |
| 1,2,3-Trichloropropane | ug/L | 0.36U | 20 | 17.2 | 86 | 31-132 | |
| 1,2-Dichlorobenzene | ug/L | 0.50U | 20 | 13.6 | 68 | 43-130 | |
| 1,2-Dichloroethane | ug/L | 0.50U | 20 | 14.6 | 73 | 54-130 | |
| 1,2-Dichloropropane | ug/L | 0.50U | 20 | 14.8 | 74 | 53-130 | |
| 1,4-Dichlorobenzene | ug/L | 0.50U | 20 | 13.3 | 67 | 38-130 | |
| 2-Butanone (MEK) | ug/L | 5.0U | 20 | 16.0 | 80 | 48-138 | |
| 2-Hexanone | ug/L | 5.0U | 20 | 13.8 | 69 | 38-130 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 5.0U | 20 | 13.9 | 69 | 28-143 | |
| Acetone | ug/L | 5.0U | 20 | 20.9 | 104 | 20-140 | |
| Acrylonitrile | ug/L | 5.0U | 200 | 173 | 86 | 46-130 | |
| Benzene | ug/L | 0.10U | 20 | 14.1 | 71 | 53-132 | |
| Bromochloromethane | ug/L | 0.50U | 20 | 15.4 | 77 | 54-132 | |
| Bromodichloromethane | ug/L | 0.27U | 20 | 14.8 | 74 | 46-130 | |
| Bromoform | ug/L | 0.50U | 20 | 14.0 | 70 | 32-130 | |
| Bromomethane | ug/L | 0.50U | 20 | 12.7 | 64 | 20-152 | |
| Carbon disulfide | ug/L | 5.0U | 20 | 15.7 | 77 | 28-184 | |
| Carbon tetrachloride | ug/L | 0.50U | 20 | 13.5 | 68 | 37-137 | |
| Chlorobenzene | ug/L | 0.50U | 20 | 13.6 | 68 | 46-130 | |
| Chloroethane | ug/L | 0.50U | 20 | 18.2 | 91 | 48-159 | |
| Chloroform | ug/L | 0.50U | 20 | 14.6 | 73 | 51-130 | |
| Chloromethane | ug/L | 0.62U | 20 | 15.0 | 75 | 39-144 | |
| cis-1,2-Dichloroethene | ug/L | 0.50U | 20 | 14.6 | 73 | 54-130 | |
| cis-1,3-Dichloropropene | ug/L | 0.25U | 20 | 13.4 | 67 | 45-130 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

MATRIX SPIKE SAMPLE: 473053

| Parameter | Units | 3569039003 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Dibromochloromethane | ug/L | 0.26U | 20 | 14.2 | 71 | 43-130 | |
| Dibromomethane | ug/L | 0.50U | 20 | 14.0 | 70 | 50-130 | |
| Ethylbenzene | ug/L | 0.50U | 20 | 13.3 | 66 | 43-130 | |
| Iodomethane | ug/L | 0.50U | 20 | 19.8 | 99 | 20-169 | |
| Methylene Chloride | ug/L | 2.5U | 20 | 15.1 | 75 | 51-135 | |
| Styrene | ug/L | 0.50U | 20 | 13.5 | 67 | 40-130 | |
| Tetrachloroethene | ug/L | 0.50U | 20 | 12.6 | 63 | 26-130 | |
| Toluene | ug/L | 0.50U | 20 | 13.2 | 66 | 50-130 | |
| trans-1,2-Dichloroethene | ug/L | 0.50U | 20 | 13.5 | 67 | 48-142 | |
| trans-1,3-Dichloropropene | ug/L | 0.25U | 20 | 13.9 | 70 | 45-130 | |
| trans-1,4-Dichloro-2-butene | ug/L | 5.0U | 20 | 14.5 | 72 | 20-139 | |
| Trichloroethene | ug/L | 0.50U | 20 | 13.3 | 66 | 42-133 | |
| Trichlorofluoromethane | ug/L | 0.50U | 20 | 19.6 | 98 | 46-146 | |
| Vinyl acetate | ug/L | 1.0U | 20 | 13.5 | 68 | 20-165 | |
| Vinyl chloride | ug/L | 0.50U | 20 | 18.4 | 92 | 57-142 | |
| Xylene (Total) | ug/L | 0.50U | 60 | 39.6 | 66 | 42-130 | |
| 1,2-Dichloroethane-d4 (S) | % | | | | 103 | 86-125 | |
| 4-Bromofluorobenzene (S) | % | | | | 94 | 70-114 | |
| Dibromofluoromethane (S) | % | | | | 104 | 88-117 | |
| Toluene-d8 (S) | % | | | | 99 | 87-113 | |

SAMPLE DUPLICATE: 473052

| Parameter | Units | 3569039002 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,1,1-Trichloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 0.12U | 0.12U | | 40 | |
| 1,1,2-Trichloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,1-Dichloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,1-Dichloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| 1,2,3-Trichloropropane | ug/L | 0.36U | 0.36U | | 40 | |
| 1,2-Dichlorobenzene | ug/L | 0.50U | 0.50U | | 40 | |
| 1,2-Dichloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,2-Dichloropropane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,4-Dichlorobenzene | ug/L | 0.50U | 0.50U | | 40 | |
| 2-Butanone (MEK) | ug/L | 5.0U | 5.0U | | 40 | |
| 2-Hexanone | ug/L | 5.0U | 5.0U | | 40 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 5.0U | 5.0U | | 40 | |
| Acetone | ug/L | 10.6 | 5.0U | | 40 | |
| Acrylonitrile | ug/L | 5.0U | 5.0U | | 40 | |
| Benzene | ug/L | 0.10U | 0.10U | | 40 | |
| Bromochloromethane | ug/L | 0.50U | 0.50U | | 40 | |
| Bromodichloromethane | ug/L | 0.27U | 0.27U | | 40 | |
| Bromoform | ug/L | 0.50U | 0.50U | | 40 | |
| Bromomethane | ug/L | 0.50U | 0.50U | | 40 | |
| Carbon disulfide | ug/L | 5.0U | 5.0U | | 40 | |
| Carbon tetrachloride | ug/L | 0.50U | 0.50U | | 40 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

SAMPLE DUPLICATE: 473052

| Parameter | Units | 3569039002 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Chlorobenzene | ug/L | 0.50U | 0.50U | | 40 | |
| Chloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| Chloroform | ug/L | 0.50U | 0.50U | | 40 | |
| Chloromethane | ug/L | 0.62U | 0.62U | | 40 | |
| cis-1,2-Dichloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| cis-1,3-Dichloropropene | ug/L | 0.25U | 0.25U | | 40 | |
| Dibromochloromethane | ug/L | 0.26U | 0.26U | | 40 | |
| Dibromomethane | ug/L | 0.50U | 0.50U | | 40 | |
| Ethylbenzene | ug/L | 0.50U | 0.50U | | 40 | |
| Iodomethane | ug/L | 0.50U | 0.50U | | 40 | |
| Methylene Chloride | ug/L | 2.5U | 2.5U | | 40 | |
| Styrene | ug/L | 0.50U | 0.50U | | 40 | |
| Tetrachloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| Toluene | ug/L | 0.50U | 0.50U | | 40 | |
| trans-1,2-Dichloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| trans-1,3-Dichloropropene | ug/L | 0.25U | 0.25U | | 40 | |
| trans-1,4-Dichloro-2-butene | ug/L | 5.0U | 5.0U | | 40 | |
| Trichloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| Trichlorofluoromethane | ug/L | 0.50U | 0.50U | | 40 | |
| Vinyl acetate | ug/L | 1.0U | 1.0U | | 40 | |
| Vinyl chloride | ug/L | 0.50U | 0.50U | | 40 | |
| Xylene (Total) | ug/L | 0.50U | 0.50U | | 40 | |
| 1,2-Dichloroethane-d4 (S) | % | 109 | 110 | 1 | | |
| 4-Bromofluorobenzene (S) | % | 94 | 93 | 1 | | |
| Dibromofluoromethane (S) | % | 103 | 106 | 3 | | |
| Toluene-d8 (S) | % | 100 | 97 | 3 | | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: MSV/6601 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3567547029, 3567547030, 3567547037

METHOD BLANK: 472853 Matrix: Water
Associated Lab Samples: 3567547029, 3567547030, 3567547037

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| 1,1,1-Trichloroethane | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 0.12U | 0.50 | 09/26/12 08:22 | |
| 1,1,2-Trichloroethane | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| 1,1-Dichloroethane | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| 1,1-Dichloroethene | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| 1,1-Dichloropropene | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| 1,2,3-Trichloropropane | ug/L | 0.36U | 0.50 | 09/26/12 08:22 | |
| 1,2,4-Trichlorobenzene | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| 1,2-Dichlorobenzene | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| 1,2-Dichloroethane | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| 1,2-Dichloropropane | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| 1,3-Dichloropropane | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| 1,4-Dichlorobenzene | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| 2,2-Dichloropropane | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| 2-Butanone (MEK) | ug/L | 5.0U | 10.0 | 09/26/12 08:22 | |
| 2-Hexanone | ug/L | 5.0U | 10.0 | 09/26/12 08:22 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 5.0U | 10.0 | 09/26/12 08:22 | |
| Acetone | ug/L | 5.0U | 10.0 | 09/26/12 08:22 | |
| Acetonitrile | ug/L | 5.0U | 10.0 | 09/26/12 08:22 | |
| Acrolein | ug/L | 10.0U | 20.0 | 09/26/12 08:22 | |
| Acrylonitrile | ug/L | 5.0U | 10.0 | 09/26/12 08:22 | |
| Allyl chloride | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| Benzene | ug/L | 0.10U | 1.0 | 09/26/12 08:22 | |
| Bromochloromethane | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| Bromodichloromethane | ug/L | 0.27U | 0.60 | 09/26/12 08:22 | |
| Bromoform | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| Bromomethane | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| Carbon disulfide | ug/L | 5.0U | 10.0 | 09/26/12 08:22 | |
| Carbon tetrachloride | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| Chlorobenzene | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| Chloroethane | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| Chloroform | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| Chloromethane | ug/L | 0.62U | 1.0 | 09/26/12 08:22 | |
| Chloroprene | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| cis-1,2-Dichloroethene | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| cis-1,3-Dichloropropene | ug/L | 0.25U | 0.50 | 09/26/12 08:22 | |
| Dibromochloromethane | ug/L | 0.26U | 0.50 | 09/26/12 08:22 | |
| Dibromomethane | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| Dichlorodifluoromethane | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| Ethyl methacrylate | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| Ethylbenzene | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| Hexachloro-1,3-butadiene | ug/L | 0.40U | 1.0 | 09/26/12 08:22 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

METHOD BLANK: 472853 Matrix: Water

Associated Lab Samples: 3567547029, 3567547030, 3567547037

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Iodomethane | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| Isobutyl Alcohol | ug/L | 10.0U | 20.0 | 09/26/12 08:22 | |
| Methacrylonitrile | ug/L | 5.0U | 10.0 | 09/26/12 08:22 | |
| Methyl methacrylate | ug/L | 5.0U | 10.0 | 09/26/12 08:22 | |
| Methylene Chloride | ug/L | 2.5U | 5.0 | 09/26/12 08:22 | |
| Propionitrile | ug/L | 5.0U | 10.0 | 09/26/12 08:22 | |
| Styrene | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| Tetrachloroethene | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| Toluene | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| trans-1,2-Dichloroethene | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| trans-1,3-Dichloropropene | ug/L | 0.25U | 0.50 | 09/26/12 08:22 | |
| trans-1,4-Dichloro-2-butene | ug/L | 5.0U | 10.0 | 09/26/12 08:22 | |
| Trichloroethene | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| Trichlorofluoromethane | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| Vinyl acetate | ug/L | 1.0U | 2.0 | 09/26/12 08:22 | |
| Vinyl chloride | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| Xylene (Total) | ug/L | 0.50U | 1.0 | 09/26/12 08:22 | |
| 1,2-Dichloroethane-d4 (S) | % | 104 | 86-125 | 09/26/12 08:22 | |
| 4-Bromofluorobenzene (S) | % | 84 | 70-114 | 09/26/12 08:22 | |
| Dibromofluoromethane (S) | % | 102 | 88-117 | 09/26/12 08:22 | |
| Toluene-d8 (S) | % | 104 | 87-113 | 09/26/12 08:22 | |

LABORATORY CONTROL SAMPLE: 472854

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | 20 | 19.7 | 98 | 70-130 | |
| 1,1,1-Trichloroethane | ug/L | 20 | 17.7 | 89 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 20 | 21.1 | 105 | 70-130 | |
| 1,1,2-Trichloroethane | ug/L | 20 | 18.6 | 93 | 70-130 | |
| 1,1-Dichloroethane | ug/L | 20 | 16.3 | 82 | 70-130 | |
| 1,1-Dichloroethene | ug/L | 20 | 16.2 | 81 | 70-130 | |
| 1,1-Dichloropropene | ug/L | 20 | 17.5 | 87 | 70-130 | |
| 1,2,3-Trichloropropane | ug/L | 20 | 19.1 | 95 | 70-130 | |
| 1,2,4-Trichlorobenzene | ug/L | 20 | 14.9 | 74 | 70-130 | |
| 1,2-Dichlorobenzene | ug/L | 20 | 17.0 | 85 | 70-130 | |
| 1,2-Dichloroethane | ug/L | 20 | 17.7 | 89 | 70-130 | |
| 1,2-Dichloropropane | ug/L | 20 | 17.9 | 90 | 70-130 | |
| 1,3-Dichloropropane | ug/L | 20 | 17.9 | 90 | 70-130 | |
| 1,4-Dichlorobenzene | ug/L | 20 | 18.6 | 93 | 70-130 | |
| 2,2-Dichloropropane | ug/L | 20 | 18.0 | 90 | 70-131 | |
| 2-Butanone (MEK) | ug/L | 20 | 21.4 | 107 | 55-167 | |
| 2-Hexanone | ug/L | 20 | 21.1 | 105 | 65-130 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 20 | 19.6 | 98 | 70-130 | |
| Acetone | ug/L | 20 | 21.9 | 109 | 40-150 | |
| Acetonitrile | ug/L | 200 | 194 | 97 | 63-138 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

LABORATORY CONTROL SAMPLE: 472854

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Acrolein | ug/L | 200 | 278 | 139 | 44-170 | |
| Acrylonitrile | ug/L | 200 | 216 | 108 | 70-130 | |
| Allyl chloride | ug/L | 20 | 21.2 | 106 | 70-130 | |
| Benzene | ug/L | 20 | 17.9 | 89 | 70-130 | |
| Bromochloromethane | ug/L | 20 | 18.6 | 93 | 70-130 | |
| Bromodichloromethane | ug/L | 20 | 17.4 | 87 | 70-130 | |
| Bromoform | ug/L | 20 | 18.4 | 92 | 68-130 | |
| Bromomethane | ug/L | 20 | 20.2 | 101 | 38-179 | |
| Carbon disulfide | ug/L | 20 | 22.1 | 111 | 51-155 | |
| Carbon tetrachloride | ug/L | 20 | 16.0 | 80 | 70-130 | |
| Chlorobenzene | ug/L | 20 | 18.5 | 93 | 70-130 | |
| Chloroethane | ug/L | 20 | 18.6 | 93 | 59-149 | |
| Chloroform | ug/L | 20 | 17.8 | 89 | 70-130 | |
| Chloromethane | ug/L | 20 | 19.2 | 96 | 68-130 | |
| Chloroprene | ug/L | 20 | 21.6 | 108 | 70-130 | |
| cis-1,2-Dichloroethene | ug/L | 20 | 17.2 | 86 | 70-130 | |
| cis-1,3-Dichloropropene | ug/L | 20 | 17.8 | 89 | 70-130 | |
| Dibromochloromethane | ug/L | 20 | 20.9 | 105 | 70-130 | |
| Dibromomethane | ug/L | 20 | 18.7 | 93 | 70-130 | |
| Dichlorodifluoromethane | ug/L | 20 | 22.8 | 114 | 67-130 | |
| Ethyl methacrylate | ug/L | 20 | 21.9 | 109 | 70-130 | |
| Ethylbenzene | ug/L | 20 | 19.3 | 96 | 70-130 | |
| Hexachloro-1,3-butadiene | ug/L | 20 | 18.7 | 93 | 70-130 | |
| Iodomethane | ug/L | 20 | 21.0 | 105 | 43-160 | |
| Isobutyl Alcohol | ug/L | 400 | 393 | 98 | 66-135 | |
| Methacrylonitrile | ug/L | 200 | 227 | 114 | 70-130 | |
| Methyl methacrylate | ug/L | 20 | 19.7 | 98 | 70-130 | |
| Methylene Chloride | ug/L | 20 | 16.3 | 82 | 70-130 | |
| Propionitrile | ug/L | 200 | 206 | 103 | 70-130 | |
| Styrene | ug/L | 20 | 20.1 | 100 | 70-130 | |
| Tetrachloroethene | ug/L | 20 | 18.3 | 91 | 66-133 | |
| Toluene | ug/L | 20 | 17.7 | 89 | 70-130 | |
| trans-1,2-Dichloroethene | ug/L | 20 | 16.5 | 83 | 70-130 | |
| trans-1,3-Dichloropropene | ug/L | 20 | 20.8 | 104 | 70-130 | |
| trans-1,4-Dichloro-2-butene | ug/L | 20 | 14.8 | 74 | 65-130 | |
| Trichloroethene | ug/L | 20 | 18.3 | 91 | 70-130 | |
| Trichlorofluoromethane | ug/L | 20 | 14.8 | 74 | 70-131 | |
| Vinyl acetate | ug/L | 20 | 23.1 | 116 | 69-135 | |
| Vinyl chloride | ug/L | 20 | 20.1 | 101 | 69-140 | |
| Xylene (Total) | ug/L | 60 | 59.1 | 98 | 70-130 | |
| 1,2-Dichloroethane-d4 (S) | % | | | 107 | 86-125 | |
| 4-Bromofluorobenzene (S) | % | | | 105 | 70-114 | |
| Dibromofluoromethane (S) | % | | | 102 | 88-117 | |
| Toluene-d8 (S) | % | | | 98 | 87-113 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

MATRIX SPIKE SAMPLE: 473051

| Parameter | Units | 3568874004 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | <0.50 | 20 | 20.1 | 101 | 39-130 | |
| 1,1,1-Trichloroethane | ug/L | <0.50 | 20 | 19.8 | 99 | 47-141 | |
| 1,1,2,2-Tetrachloroethane | ug/L | <0.12 | 20 | 18.7 | 94 | 49-131 | |
| 1,1,2-Trichloroethane | ug/L | <0.50 | 20 | 17.7 | 88 | 50-130 | |
| 1,1-Dichloroethane | ug/L | <0.50 | 20 | 17.9 | 90 | 54-137 | |
| 1,1-Dichloroethene | ug/L | <0.50 | 20 | 17.8 | 89 | 45-155 | |
| 1,1-Dichloropropene | ug/L | | 20 | 18.1 | 91 | 61-141 | |
| 1,2,3-Trichloropropane | ug/L | <0.36 | 20 | 15.3 | 77 | 31-132 | |
| 1,2,4-Trichlorobenzene | ug/L | | 20 | 10.1 | 51 | 34-138 | |
| 1,2-Dichlorobenzene | ug/L | <0.50 | 20 | 14.8 | 74 | 43-130 | |
| 1,2-Dichloroethane | ug/L | <0.50 | 20 | 17.3 | 86 | 54-130 | |
| 1,2-Dichloropropane | ug/L | <0.50 | 20 | 18.7 | 93 | 53-130 | |
| 1,3-Dichloropropane | ug/L | | 20 | 16.8 | 84 | 59-127 | |
| 1,4-Dichlorobenzene | ug/L | <0.50 | 20 | 16.3 | 82 | 38-130 | |
| 2,2-Dichloropropane | ug/L | | 20 | 17.2 | 86 | 24-133 | |
| 2-Butanone (MEK) | ug/L | <5.0 | 20 | 17.1 | 85 | 48-138 | |
| 2-Hexanone | ug/L | <5.0 | 20 | 17.1 | 86 | 38-130 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | | 20 | 16.9 | 85 | 28-143 | |
| Acetone | ug/L | <5.0 | 20 | 21.4 | 105 | 20-140 | |
| Acetonitrile | ug/L | | 200 | 181 | 90 | 44-138 | |
| Acrolein | ug/L | | 200 | 209 | 104 | 20-159 | |
| Acrylonitrile | ug/L | <5.0 | 200 | 193 | 97 | 46-130 | |
| Allyl chloride | ug/L | | 20 | 21.5 | 107 | 53-148 | |
| Benzene | ug/L | <0.10 | 20 | 18.5 | 92 | 53-132 | |
| Bromochloromethane | ug/L | <0.50 | 20 | 19.9 | 100 | 54-132 | |
| Bromodichloromethane | ug/L | <0.27 | 20 | 18.3 | 92 | 46-130 | |
| Bromoform | ug/L | <0.50 | 20 | 17.9 | 90 | 32-130 | |
| Bromomethane | ug/L | <0.50 | 20 | 19.2 | 96 | 20-152 | |
| Carbon disulfide | ug/L | <5.0 | 20 | 23.7 | 118 | 28-184 | |
| Carbon tetrachloride | ug/L | <0.50 | 20 | 19.1 | 95 | 37-137 | |
| Chlorobenzene | ug/L | <0.50 | 20 | 18.2 | 91 | 46-130 | |
| Chloroethane | ug/L | <0.50 | 20 | 20.5 | 102 | 48-159 | |
| Chloroform | ug/L | <0.50 | 20 | 18.5 | 92 | 51-130 | |
| Chloromethane | ug/L | <0.62 | 20 | 19.7 | 98 | 39-144 | |
| Chloroprene | ug/L | | 20 | 19.3 | 97 | 39-157 | |
| cis-1,2-Dichloroethene | ug/L | <0.50 | 20 | 18.2 | 91 | 54-130 | |
| cis-1,3-Dichloropropene | ug/L | <0.25 | 20 | 16.4 | 82 | 45-130 | |
| Dibromochloromethane | ug/L | <0.26 | 20 | 20.0 | 100 | 43-130 | |
| Dibromomethane | ug/L | <0.50 | 20 | 18.1 | 90 | 50-130 | |
| Dichlorodifluoromethane | ug/L | | 20 | 24.9 | 125 | 38-151 | |
| Ethyl methacrylate | ug/L | | 20 | 17.4 | 87 | 45-132 | |
| Ethylbenzene | ug/L | <0.50 | 20 | 18.6 | 93 | 43-130 | |
| Hexachloro-1,3-butadiene | ug/L | | 20 | 11.5 | 58 | 35-136 | |
| Iodomethane | ug/L | <0.50 | 20 | 21.8 | 109 | 20-169 | |
| Isobutyl Alcohol | ug/L | | 400 | 392 | 98 | 20-175 | |
| Methacrylonitrile | ug/L | | 200 | 218 | 109 | 50-149 | |
| Methyl methacrylate | ug/L | | 20 | 17.5 | 88 | 48-130 | |
| Methylene Chloride | ug/L | <2.5 | 20 | 18.7 | 94 | 51-135 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

MATRIX SPIKE SAMPLE: 473051

| Parameter | Units | 3568874004 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Propionitrile | ug/L | | 200 | 209 | 104 | 54-130 | |
| Styrene | ug/L | <0.50 | 20 | 19.1 | 96 | 40-130 | |
| Tetrachloroethene | ug/L | <0.50 | 20 | 16.0 | 80 | 26-130 | |
| Toluene | ug/L | <0.50 | 20 | 17.0 | 85 | 50-130 | |
| trans-1,2-Dichloroethene | ug/L | <0.50 | 20 | 17.8 | 89 | 48-142 | |
| trans-1,3-Dichloropropene | ug/L | <0.25 | 20 | 19.3 | 96 | 45-130 | |
| trans-1,4-Dichloro-2-butene | ug/L | <5.0 | 20 | 13.4 | 67 | 20-139 | |
| Trichloroethene | ug/L | <0.50 | 20 | 17.7 | 88 | 42-133 | |
| Trichlorofluoromethane | ug/L | <0.50 | 20 | 17.8 | 89 | 46-146 | |
| Vinyl acetate | ug/L | <1.0 | 20 | 17.7 | 88 | 20-165 | |
| Vinyl chloride | ug/L | <0.50 | 20 | 20.9 | 104 | 57-142 | |
| Xylene (Total) | ug/L | <0.50 | 60 | 57.0 | 95 | 42-130 | |
| 1,2-Dichloroethane-d4 (S) | % | | | | 99 | 86-125 | |
| 4-Bromofluorobenzene (S) | % | | | | 108 | 70-114 | |
| Dibromofluoromethane (S) | % | | | | 109 | 88-117 | |
| Toluene-d8 (S) | % | | | | 100 | 87-113 | |

SAMPLE DUPLICATE: 473050

| Parameter | Units | 3568874003 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | <0.50 | 0.50U | | 40 | |
| 1,1,1-Trichloroethane | ug/L | <0.50 | 0.50U | | 40 | |
| 1,1,2,2-Tetrachloroethane | ug/L | <0.12 | 0.12U | | 40 | |
| 1,1,2-Trichloroethane | ug/L | <0.50 | 0.50U | | 40 | |
| 1,1-Dichloroethane | ug/L | <0.50 | 0.50U | | 40 | |
| 1,1-Dichloroethene | ug/L | <0.50 | 0.50U | | 40 | |
| 1,1-Dichloropropene | ug/L | | 0.50U | | 40 | |
| 1,2,3-Trichloropropane | ug/L | <0.36 | 0.36U | | 40 | |
| 1,2,4-Trichlorobenzene | ug/L | | 0.50U | | 40 | |
| 1,2-Dichlorobenzene | ug/L | <0.50 | 0.50U | | 40 | |
| 1,2-Dichloroethane | ug/L | <0.50 | 0.50U | | 40 | |
| 1,2-Dichloropropane | ug/L | <0.50 | 0.50U | | 40 | |
| 1,3-Dichloropropane | ug/L | | 0.50U | | 40 | |
| 1,4-Dichlorobenzene | ug/L | <0.50 | 0.50U | | 40 | |
| 2,2-Dichloropropane | ug/L | | 0.50U | | 40 | |
| 2-Butanone (MEK) | ug/L | <5.0 | 5.0U | | 40 | |
| 2-Hexanone | ug/L | <5.0 | 5.0U | | 40 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | | 5.0U | | 40 | |
| Acetone | ug/L | <5.0 | 5.0U | | 40 | |
| Acetonitrile | ug/L | | 5.0U | | 40 | |
| Acrolein | ug/L | | 10.0U | | 40 | |
| Acrylonitrile | ug/L | <5.0 | 5.0U | | 40 | |
| Allyl chloride | ug/L | | 0.50U | | 40 | |
| Benzene | ug/L | <0.10 | 0.10U | | 40 | |
| Bromochloromethane | ug/L | <0.50 | 0.50U | | 40 | |
| Bromodichloromethane | ug/L | <0.27 | 0.27U | | 40 | |
| Bromoform | ug/L | <0.50 | 0.50U | | 40 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

SAMPLE DUPLICATE: 473050

| Parameter | Units | 3568874003 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Bromomethane | ug/L | <0.50 | 0.50U | | 40 | |
| Carbon disulfide | ug/L | <5.0 | 5.0U | | 40 | |
| Carbon tetrachloride | ug/L | <0.50 | 0.50U | | 40 | |
| Chlorobenzene | ug/L | <0.50 | 0.50U | | 40 | |
| Chloroethane | ug/L | <0.50 | 0.50U | | 40 | |
| Chloroform | ug/L | <0.50 | 0.50U | | 40 | |
| Chloromethane | ug/L | <0.62 | 0.62U | | 40 | |
| Chloroprene | ug/L | | 0.50U | | 40 | |
| cis-1,2-Dichloroethene | ug/L | <0.50 | 0.50U | | 40 | |
| cis-1,3-Dichloropropene | ug/L | <0.25 | 0.25U | | 40 | |
| Dibromochloromethane | ug/L | <0.26 | 0.26U | | 40 | |
| Dibromomethane | ug/L | <0.50 | 0.50U | | 40 | |
| Dichlorodifluoromethane | ug/L | | 0.50U | | 40 | |
| Ethyl methacrylate | ug/L | | 0.50U | | 40 | |
| Ethylbenzene | ug/L | <0.50 | 0.50U | | 40 | |
| Hexachloro-1,3-butadiene | ug/L | | 0.40U | | 40 | |
| Iodomethane | ug/L | <0.50 | 0.50U | | 40 | |
| Isobutyl Alcohol | ug/L | | 10.0U | | 40 | |
| Methacrylonitrile | ug/L | | 5.0U | | 40 | |
| Methyl methacrylate | ug/L | | 5.0U | | 40 | |
| Methylene Chloride | ug/L | <2.5 | 2.5U | | 40 | |
| Propionitrile | ug/L | | 5.0U | | 40 | |
| Styrene | ug/L | <0.50 | 0.50U | | 40 | |
| Tetrachloroethene | ug/L | <0.50 | 0.50U | | 40 | |
| Toluene | ug/L | <0.50 | 0.50U | | 40 | |
| trans-1,2-Dichloroethene | ug/L | <0.50 | 0.50U | | 40 | |
| trans-1,3-Dichloropropene | ug/L | <0.25 | 0.25U | | 40 | |
| trans-1,4-Dichloro-2-butene | ug/L | <5.0 | 5.0U | | 40 | |
| Trichloroethene | ug/L | <0.50 | 0.50U | | 40 | |
| Trichlorofluoromethane | ug/L | <0.50 | 0.50U | | 40 | |
| Vinyl acetate | ug/L | <1.0 | 1.0U | | 40 | |
| Vinyl chloride | ug/L | <0.50 | 0.50U | | 40 | |
| Xylene (Total) | ug/L | <0.50 | 0.50U | | 40 | |
| 1,2-Dichloroethane-d4 (S) | % | 109 | 109 | 2 | | |
| 4-Bromofluorobenzene (S) | % | 88 | 82 | 7 | | |
| Dibromofluoromethane (S) | % | 111 | 110 | 1 | | |
| Toluene-d8 (S) | % | 107 | 110 | 2 | | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: MSV/6606 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3567547031, 3567547032, 3567547033

METHOD BLANK: 473568 Matrix: Water
Associated Lab Samples: 3567547031, 3567547032, 3567547033

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| 1,1,1-Trichloroethane | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 0.12U | 0.50 | 09/26/12 19:47 | |
| 1,1,2-Trichloroethane | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| 1,1-Dichloroethane | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| 1,1-Dichloroethene | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| 1,1-Dichloropropene | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| 1,2,3-Trichloropropane | ug/L | 0.36U | 0.50 | 09/26/12 19:47 | |
| 1,2,4-Trichlorobenzene | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| 1,2-Dichlorobenzene | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| 1,2-Dichloroethane | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| 1,2-Dichloropropane | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| 1,3-Dichloropropane | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| 1,4-Dichlorobenzene | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| 2,2-Dichloropropane | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| 2-Butanone (MEK) | ug/L | 5.0U | 10.0 | 09/26/12 19:47 | |
| 2-Hexanone | ug/L | 5.0U | 10.0 | 09/26/12 19:47 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 5.0U | 10.0 | 09/26/12 19:47 | |
| Acetone | ug/L | 5.0U | 10.0 | 09/26/12 19:47 | |
| Acetonitrile | ug/L | 5.0U | 10.0 | 09/26/12 19:47 | |
| Acrolein | ug/L | 10.0U | 20.0 | 09/26/12 19:47 | |
| Acrylonitrile | ug/L | 5.0U | 10.0 | 09/26/12 19:47 | |
| Allyl chloride | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| Benzene | ug/L | 0.10U | 1.0 | 09/26/12 19:47 | |
| Bromochloromethane | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| Bromodichloromethane | ug/L | 0.27U | 0.60 | 09/26/12 19:47 | |
| Bromoform | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| Bromomethane | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| Carbon disulfide | ug/L | 5.0U | 10.0 | 09/26/12 19:47 | |
| Carbon tetrachloride | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| Chlorobenzene | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| Chloroethane | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| Chloroform | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| Chloromethane | ug/L | 0.62U | 1.0 | 09/26/12 19:47 | |
| Chloroprene | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| cis-1,2-Dichloroethene | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| cis-1,3-Dichloropropene | ug/L | 0.25U | 0.50 | 09/26/12 19:47 | |
| Dibromochloromethane | ug/L | 0.26U | 0.50 | 09/26/12 19:47 | |
| Dibromomethane | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| Dichlorodifluoromethane | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| Ethyl methacrylate | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| Ethylbenzene | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| Hexachloro-1,3-butadiene | ug/L | 0.40U | 1.0 | 09/26/12 19:47 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

METHOD BLANK: 473568 Matrix: Water

Associated Lab Samples: 3567547031, 3567547032, 3567547033

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Iodomethane | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| Isobutyl Alcohol | ug/L | 10.0U | 20.0 | 09/26/12 19:47 | |
| Methacrylonitrile | ug/L | 5.0U | 10.0 | 09/26/12 19:47 | |
| Methyl methacrylate | ug/L | 5.0U | 10.0 | 09/26/12 19:47 | |
| Methylene Chloride | ug/L | 2.5U | 5.0 | 09/26/12 19:47 | |
| Propionitrile | ug/L | 5.0U | 10.0 | 09/26/12 19:47 | |
| Styrene | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| Tetrachloroethene | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| Toluene | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| trans-1,2-Dichloroethene | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| trans-1,3-Dichloropropene | ug/L | 0.25U | 0.50 | 09/26/12 19:47 | |
| trans-1,4-Dichloro-2-butene | ug/L | 5.0U | 10.0 | 09/26/12 19:47 | |
| Trichloroethene | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| Trichlorofluoromethane | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| Vinyl acetate | ug/L | 1.0U | 2.0 | 09/26/12 19:47 | |
| Vinyl chloride | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| Xylene (Total) | ug/L | 0.50U | 1.0 | 09/26/12 19:47 | |
| 1,2-Dichloroethane-d4 (S) | % | 107 | 86-125 | 09/26/12 19:47 | |
| 4-Bromofluorobenzene (S) | % | 92 | 70-114 | 09/26/12 19:47 | |
| Dibromofluoromethane (S) | % | 102 | 88-117 | 09/26/12 19:47 | |
| Toluene-d8 (S) | % | 96 | 87-113 | 09/26/12 19:47 | |

LABORATORY CONTROL SAMPLE: 473569

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | 20 | 18.7 | 93 | 70-130 | |
| 1,1,1-Trichloroethane | ug/L | 20 | 17.5 | 88 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 20 | 19.0 | 95 | 70-130 | |
| 1,1,2-Trichloroethane | ug/L | 20 | 17.9 | 90 | 70-130 | |
| 1,1-Dichloroethane | ug/L | 20 | 18.0 | 90 | 70-130 | |
| 1,1-Dichloroethene | ug/L | 20 | 17.0 | 85 | 70-130 | |
| 1,1-Dichloropropene | ug/L | 20 | 17.3 | 86 | 70-130 | |
| 1,2,3-Trichloropropane | ug/L | 20 | 18.2 | 91 | 70-130 | |
| 1,2,4-Trichlorobenzene | ug/L | 20 | 18.6 | 93 | 70-130 | |
| 1,2-Dichlorobenzene | ug/L | 20 | 19.6 | 98 | 70-130 | |
| 1,2-Dichloroethane | ug/L | 20 | 17.4 | 87 | 70-130 | |
| 1,2-Dichloropropane | ug/L | 20 | 18.3 | 91 | 70-130 | |
| 1,3-Dichloropropane | ug/L | 20 | 18.6 | 93 | 70-130 | |
| 1,4-Dichlorobenzene | ug/L | 20 | 19.1 | 96 | 70-130 | |
| 2,2-Dichloropropane | ug/L | 20 | 17.4 | 87 | 70-131 | |
| 2-Butanone (MEK) | ug/L | 20 | 18.0 | 90 | 55-167 | |
| 2-Hexanone | ug/L | 20 | 17.5 | 87 | 65-130 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 20 | 18.4 | 92 | 70-130 | |
| Acetone | ug/L | 20 | 22.1 | 111 | 40-150 | |
| Acetonitrile | ug/L | 200 | 197 | 98 | 63-138 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

LABORATORY CONTROL SAMPLE: 473569

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Acrolein | ug/L | 200 | 308 | 154 | 44-170 | |
| Acrylonitrile | ug/L | 200 | 190 | 95 | 70-130 | |
| Allyl chloride | ug/L | 20 | 21.4 | 107 | 70-130 | |
| Benzene | ug/L | 20 | 17.5 | 87 | 70-130 | |
| Bromochloromethane | ug/L | 20 | 18.0 | 90 | 70-130 | |
| Bromodichloromethane | ug/L | 20 | 18.9 | 94 | 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 | 21.5 | 108 | 51-155 | |
| Carbon tetrachloride | ug/L | 20 | 17.6 | 88 | 70-130 | |
| Chlorobenzene | ug/L | 20 | 18.2 | 91 | 70-130 | |
| Chloroethane | ug/L | 20 | 20.9 | 104 | 59-149 | |
| Chloroform | ug/L | 20 | 18.1 | 90 | 70-130 | |
| Chloromethane | ug/L | 20 | 17.3 | 86 | 68-130 | |
| Chloroprene | ug/L | 20 | 20.8 | 104 | 70-130 | |
| cis-1,2-Dichloroethene | ug/L | 20 | 17.3 | 86 | 70-130 | |
| cis-1,3-Dichloropropene | ug/L | 20 | 19.0 | 95 | 70-130 | |
| Dibromochloromethane | ug/L | 20 | 18.4 | 92 | 70-130 | |
| Dibromomethane | ug/L | 20 | 17.3 | 87 | 70-130 | |
| Dichlorodifluoromethane | ug/L | 20 | 22.2 | 111 | 67-130 | |
| Ethyl methacrylate | ug/L | 20 | 20.0 | 100 | 70-130 | |
| Ethylbenzene | ug/L | 20 | 18.6 | 93 | 70-130 | |
| Hexachloro-1,3-butadiene | ug/L | 20 | 21.6 | 108 | 70-130 | |
| Iodomethane | ug/L | 20 | 26.4 | 132 | 43-160 | |
| Isobutyl Alcohol | ug/L | 400 | 374 | 94 | 66-135 | |
| Methacrylonitrile | ug/L | 200 | 203 | 101 | 70-130 | |
| Methyl methacrylate | ug/L | 20 | 18.6 | 93 | 70-130 | |
| Methylene Chloride | ug/L | 20 | 17.6 | 88 | 70-130 | |
| Propionitrile | ug/L | 200 | 196 | 98 | 70-130 | |
| Styrene | ug/L | 20 | 19.2 | 96 | 70-130 | |
| Tetrachloroethene | ug/L | 20 | 17.0 | 85 | 66-133 | |
| Toluene | ug/L | 20 | 17.0 | 85 | 70-130 | |
| trans-1,2-Dichloroethene | ug/L | 20 | 16.7 | 83 | 70-130 | |
| trans-1,3-Dichloropropene | ug/L | 20 | 18.6 | 93 | 70-130 | |
| trans-1,4-Dichloro-2-butene | ug/L | 20 | 19.2 | 96 | 65-130 | |
| Trichloroethene | ug/L | 20 | 17.2 | 86 | 70-130 | |
| Trichlorofluoromethane | ug/L | 20 | 22.4 | 112 | 70-131 | |
| Vinyl acetate | ug/L | 20 | 20.9 | 104 | 69-135 | |
| Vinyl chloride | ug/L | 20 | 23.5 | 117 | 69-140 | |
| Xylene (Total) | ug/L | 60 | 55.5 | 92 | 70-130 | |
| 1,2-Dichloroethane-d4 (S) | % | | | 95 | 86-125 | |
| 4-Bromofluorobenzene (S) | % | | | 95 | 70-114 | |
| Dibromofluoromethane (S) | % | | | 101 | 88-117 | |
| Toluene-d8 (S) | % | | | 101 | 87-113 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

MATRIX SPIKE SAMPLE: 473571

| Parameter | Units | 3569096002 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | 0.50U | 20 | 18.0 | 90 | 39-130 | |
| 1,1,1-Trichloroethane | ug/L | 0.50U | 20 | 20.4 | 102 | 47-141 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 0.12U | 20 | 16.9 | 84 | 49-131 | |
| 1,1,2-Trichloroethane | ug/L | 0.50U | 20 | 17.7 | 89 | 50-130 | |
| 1,1-Dichloroethane | ug/L | 0.50U | 20 | 20.2 | 101 | 54-137 | |
| 1,1-Dichloroethene | ug/L | 0.50U | 20 | 22.8 | 114 | 45-155 | |
| 1,1-Dichloropropene | ug/L | 0.50U | 20 | 19.8 | 99 | 61-141 | |
| 1,2,3-Trichloropropane | ug/L | 0.36U | 20 | 17.1 | 85 | 31-132 | |
| 1,2,4-Trichlorobenzene | ug/L | 0.50U | 20 | 14.7 | 74 | 34-138 | |
| 1,2-Dichlorobenzene | ug/L | 0.50U | 20 | 18.3 | 92 | 43-130 | |
| 1,2-Dichloroethane | ug/L | 0.50U | 20 | 19.0 | 95 | 54-130 | |
| 1,2-Dichloropropane | ug/L | 0.50U | 20 | 18.1 | 91 | 53-130 | |
| 1,3-Dichloropropane | ug/L | 0.50U | 20 | 17.2 | 86 | 59-127 | |
| 1,4-Dichlorobenzene | ug/L | 0.50U | 20 | 18.4 | 92 | 38-130 | |
| 2,2-Dichloropropane | ug/L | 0.50U | 20 | 20.1 | 100 | 24-133 | |
| 2-Butanone (MEK) | ug/L | 5.0U | 20 | 18.6 | 93 | 48-138 | |
| 2-Hexanone | ug/L | 5.0U | 20 | 17.2 | 86 | 38-130 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 5.0U | 20 | 18.9 | 95 | 28-143 | |
| Acetone | ug/L | 5.0U | 20 | 18.3 | 91 | 20-140 | |
| Acetonitrile | ug/L | 5.0U | 200 | 195 | 98 | 44-138 | |
| Acrolein | ug/L | 10.0U | 200 | 241 | 120 | 20-159 | |
| Acrylonitrile | ug/L | 5.0U | 200 | 185 | 92 | 46-130 | |
| Allyl chloride | ug/L | 0.50U | 20 | 23.1 | 115 | 53-148 | |
| Benzene | ug/L | 0.10U | 20 | 20.0 | 100 | 53-132 | |
| Bromochloromethane | ug/L | 0.50U | 20 | 20.1 | 101 | 54-132 | |
| Bromodichloromethane | ug/L | 0.27U | 20 | 19.6 | 98 | 46-130 | |
| Bromoform | ug/L | 0.50U | 20 | 16.5 | 83 | 32-130 | |
| Bromomethane | ug/L | 0.50U | 20 | 11.1 | 55 | 20-152 | |
| Carbon disulfide | ug/L | 5.0U | 20 | 24.8 | 124 | 28-184 | |
| Carbon tetrachloride | ug/L | 0.50U | 20 | 21.2 | 106 | 37-137 | |
| Chlorobenzene | ug/L | 0.50U | 20 | 19.1 | 95 | 46-130 | |
| Chloroethane | ug/L | 0.50U | 20 | 21.6 | 108 | 48-159 | |
| Chloroform | ug/L | 0.50U | 20 | 18.4 | 92 | 51-130 | |
| Chloromethane | ug/L | 0.62U | 20 | 15.7 | 79 | 39-144 | |
| Chloroprene | ug/L | 0.50U | 20 | 23.9 | 119 | 39-157 | |
| cis-1,2-Dichloroethene | ug/L | 0.50U | 20 | 19.3 | 96 | 54-130 | |
| cis-1,3-Dichloropropene | ug/L | 0.25U | 20 | 18.0 | 90 | 45-130 | |
| Dibromochloromethane | ug/L | 0.26U | 20 | 17.7 | 89 | 43-130 | |
| Dibromomethane | ug/L | 0.50U | 20 | 18.2 | 91 | 50-130 | |
| Dichlorodifluoromethane | ug/L | 0.50U | 20 | 21.4 | 107 | 38-151 | |
| Ethyl methacrylate | ug/L | 0.50U | 20 | 20.3 | 102 | 45-132 | |
| Ethylbenzene | ug/L | 0.50U | 20 | 19.1 | 95 | 43-130 | |
| Hexachloro-1,3-butadiene | ug/L | 0.40U | 20 | 15.3 | 77 | 35-136 | |
| Iodomethane | ug/L | 0.50U | 20 | 22.0 | 110 | 20-169 | |
| Isobutyl Alcohol | ug/L | 10.0U | 400 | 313 | 78 | 20-175 | |
| Methacrylonitrile | ug/L | 5.0U | 200 | 210 | 105 | 50-149 | |
| Methyl methacrylate | ug/L | 5.0U | 20 | 18.6 | 93 | 48-130 | |
| Methylene Chloride | ug/L | 2.5U | 20 | 21.5 | 108 | 51-135 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

MATRIX SPIKE SAMPLE: 473571

| Parameter | Units | 3569096002 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Propionitrile | ug/L | 5.0U | 200 | 200 | 100 | 54-130 | |
| Styrene | ug/L | 0.50U | 20 | 18.8 | 94 | 40-130 | |
| Tetrachloroethene | ug/L | 0.50U | 20 | 18.5 | 92 | 26-130 | |
| Toluene | ug/L | 0.50U | 20 | 18.0 | 89 | 50-130 | |
| trans-1,2-Dichloroethene | ug/L | 0.50U | 20 | 20.4 | 102 | 48-142 | |
| trans-1,3-Dichloropropene | ug/L | 0.25U | 20 | 17.1 | 85 | 45-130 | |
| trans-1,4-Dichloro-2-butene | ug/L | 5.0U | 20 | 18.4 | 92 | 20-139 | |
| Trichloroethene | ug/L | 0.50U | 20 | 19.2 | 96 | 42-133 | |
| Trichlorofluoromethane | ug/L | 0.50U | 20 | 21.1 | 105 | 46-146 | |
| Vinyl acetate | ug/L | 1.0U | 20 | 18.6 | 93 | 20-165 | |
| Vinyl chloride | ug/L | 0.50U | 20 | 20.5 | 103 | 57-142 | |
| Xylene (Total) | ug/L | 0.50U | 60 | 56.3 | 94 | 42-130 | |
| 1,2-Dichloroethane-d4 (S) | % | | | | 100 | 86-125 | |
| 4-Bromofluorobenzene (S) | % | | | | 94 | 70-114 | |
| Dibromofluoromethane (S) | % | | | | 102 | 88-117 | |
| Toluene-d8 (S) | % | | | | 103 | 87-113 | |

SAMPLE DUPLICATE: 473570

| Parameter | Units | 3569096001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,1,1-Trichloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 0.12U | 0.12U | | 40 | |
| 1,1,2-Trichloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,1-Dichloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,1-Dichloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| 1,1-Dichloropropene | ug/L | 0.50U | 0.50U | | 40 | |
| 1,2,3-Trichloropropane | ug/L | 0.36U | 0.36U | | 40 | |
| 1,2,4-Trichlorobenzene | ug/L | 0.50U | 0.50U | | 40 | |
| 1,2-Dichlorobenzene | ug/L | 0.50U | 0.50U | | 40 | |
| 1,2-Dichloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,2-Dichloropropane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,3-Dichloropropane | ug/L | 0.50U | 0.50U | | 40 | |
| 1,4-Dichlorobenzene | ug/L | 0.50U | 0.50U | | 40 | |
| 2,2-Dichloropropane | ug/L | 0.50U | 0.50U | | 40 | |
| 2-Butanone (MEK) | ug/L | 5.0U | 5.0U | | 40 | |
| 2-Hexanone | ug/L | 5.0U | 5.0U | | 40 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 5.0U | 5.0U | | 40 | |
| Acetone | ug/L | 5.0U | 5.0U | | 40 | |
| Acetonitrile | ug/L | 5.0U | 5.0U | | 40 | |
| Acrolein | ug/L | 10.0U | 10.0U | | 40 | |
| Acrylonitrile | ug/L | 5.0U | 5.0U | | 40 | |
| Allyl chloride | ug/L | 0.50U | 0.50U | | 40 | |
| Benzene | ug/L | 0.10U | 0.10U | | 40 | |
| Bromochloromethane | ug/L | 0.50U | 0.50U | | 40 | |
| Bromodichloromethane | ug/L | 0.27U | 0.27U | | 40 | |
| Bromoform | ug/L | 0.50U | 0.50U | | 40 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

SAMPLE DUPLICATE: 473570

| Parameter | Units | 3569096001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Bromomethane | ug/L | 0.50U | 0.50U | | 40 | |
| Carbon disulfide | ug/L | 5.0U | 5.0U | | 40 | |
| Carbon tetrachloride | ug/L | 0.50U | 0.50U | | 40 | |
| Chlorobenzene | ug/L | 0.50U | 0.50U | | 40 | |
| Chloroethane | ug/L | 0.50U | 0.50U | | 40 | |
| Chloroform | ug/L | 0.50U | 0.50U | | 40 | |
| Chloromethane | ug/L | 0.62U | 0.62U | | 40 | |
| Chloroprene | ug/L | 0.50U | 0.50U | | 40 | |
| cis-1,2-Dichloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| cis-1,3-Dichloropropene | ug/L | 0.25U | 0.25U | | 40 | |
| Dibromochloromethane | ug/L | 0.26U | 0.26U | | 40 | |
| Dibromomethane | ug/L | 0.50U | 0.50U | | 40 | |
| Dichlorodifluoromethane | ug/L | 0.50U | 0.50U | | 40 | |
| Ethyl methacrylate | ug/L | 0.50U | 0.50U | | 40 | |
| Ethylbenzene | ug/L | 0.50U | 0.50U | | 40 | |
| Hexachloro-1,3-butadiene | ug/L | 0.40U | 0.40U | | 40 | |
| Iodomethane | ug/L | 0.50U | 0.50U | | 40 | |
| Isobutyl Alcohol | ug/L | 10.0U | 10.0U | | 40 | |
| Methacrylonitrile | ug/L | 5.0U | 5.0U | | 40 | |
| Methyl methacrylate | ug/L | 5.0U | 5.0U | | 40 | |
| Methylene Chloride | ug/L | 2.5U | 2.5U | | 40 | |
| Propionitrile | ug/L | 5.0U | 5.0U | | 40 | |
| Styrene | ug/L | 0.50U | 0.50U | | 40 | |
| Tetrachloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| Toluene | ug/L | 0.50U | 0.50U | | 40 | |
| trans-1,2-Dichloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| trans-1,3-Dichloropropene | ug/L | 0.25U | 0.25U | | 40 | |
| trans-1,4-Dichloro-2-butene | ug/L | 5.0U | 5.0U | | 40 | |
| Trichloroethene | ug/L | 0.50U | 0.50U | | 40 | |
| Trichlorofluoromethane | ug/L | 0.50U | 0.50U | | 40 | |
| Vinyl acetate | ug/L | 1.0U | 1.0U | | 40 | |
| Vinyl chloride | ug/L | 0.50U | 0.50U | | 40 | |
| Xylene (Total) | ug/L | 0.50U | 0.50U | | 40 | |
| 1,2-Dichloroethane-d4 (S) | % | 108 | 110 | 2 | | |
| 4-Bromofluorobenzene (S) | % | 94 | 92 | 2 | | |
| Dibromofluoromethane (S) | % | 104 | 105 | .5 | | |
| Toluene-d8 (S) | % | 98 | 97 | .7 | | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: OEXT/9901 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 3567547001, 3567547002, 3567547003, 3567547004, 3567547005, 3567547006, 3567547008, 3567547009, 3567547015, 3567547016, 3567547017, 3567547018

METHOD BLANK: 465834 Matrix: Water
Associated Lab Samples: 3567547001, 3567547002, 3567547003, 3567547004, 3567547005, 3567547006, 3567547008, 3567547009, 3567547015, 3567547016, 3567547017, 3567547018

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| 1,2-Dibromo-3-chloropropane | ug/L | 0.0049U | 0.020 | 09/18/12 07:35 | |
| 1,2-Dibromoethane (EDB) | ug/L | 0.0062U | 0.010 | 09/18/12 07:35 | |

LABORATORY CONTROL SAMPLE: 465835

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| 1,2-Dibromo-3-chloropropane | ug/L | .25 | 0.33 | 134 | 60-140 | |
| 1,2-Dibromoethane (EDB) | ug/L | .25 | 0.28 | 111 | 60-140 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 465836 465837

| Parameter | Units | 3567806001 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 | .44 | .44 | 0.45 | 0.46 | 104 | 106 | 60-140 | 2 | 40 | |
| 1,2-Dibromoethane (EDB) | ug/L | <0.0061 | .44 | .44 | 0.46 | 0.46 | 104 | 106 | 60-140 | 1 | 40 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: OEXT/9947 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 3567547020, 3567547021, 3567547022, 3567547023, 3567547025

METHOD BLANK: 468206 Matrix: Water
Associated Lab Samples: 3567547020, 3567547021, 3567547022, 3567547023, 3567547025

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| 1,2-Dibromo-3-chloropropane | ug/L | 0.0049U | 0.020 | 09/20/12 22:16 | |
| 1,2-Dibromoethane (EDB) | ug/L | 0.0062U | 0.010 | 09/20/12 22:16 | |

LABORATORY CONTROL SAMPLE: 468207

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| 1,2-Dibromo-3-chloropropane | ug/L | .25 | 0.20 | 78 | 60-140 | |
| 1,2-Dibromoethane (EDB) | ug/L | .25 | 0.19 | 76 | 60-140 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 468298 468299

| Parameter | Units | 3568222004 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 | 0.0048 U | .44 | .44 | 0.41 | 0.39 | 93 | 90 | 60-140 | 3 | 40 | |
| 1,2-Dibromoethane (EDB) | ug/L | 0.0061 U | .44 | .44 | 0.41 | 0.39 | 94 | 90 | 60-140 | 4 | 40 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: OEXT/9976 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 3567547027, 3567547029, 3567547031, 3567547033, 3567547034, 3567547036

METHOD BLANK: 470054 Matrix: Water
Associated Lab Samples: 3567547027, 3567547029, 3567547031, 3567547033, 3567547034, 3567547036

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| 1,2-Dibromo-3-chloropropane | ug/L | 0.0049U | 0.020 | 09/25/12 07:40 | |
| 1,2-Dibromoethane (EDB) | ug/L | 0.0062U | 0.010 | 09/25/12 07:40 | |

LABORATORY CONTROL SAMPLE: 470055

| 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 | 0.24 | 94 | 60-140 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 471169 471170

| Parameter | Units | 3568297002 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dibromo-3-chloropropane | ug/L | 0.0050 U | .44 | .44 | 0.49 | 0.47 | 111 | 108 | 60-140 | 2 | 40 | |
| 1,2-Dibromoethane (EDB) | ug/L | 0.0064 U | .44 | .44 | 0.46 | 0.45 | 105 | 103 | 60-140 | 2 | 40 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: OEXT/9954 Analysis Method: EPA 8081
QC Batch Method: EPA 3510 Analysis Description: 8081 GCS Pesticides
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

METHOD BLANK: 468995 Matrix: Water
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| 4,4'-DDD | ug/L | 0.0019U | 0.010 | 09/21/12 19:52 | |
| 4,4'-DDE | ug/L | 0.00090U | 0.010 | 09/21/12 19:52 | |
| 4,4'-DDT | ug/L | 0.0036U | 0.010 | 09/21/12 19:52 | |
| Aldrin | ug/L | 0.00050U | 0.010 | 09/21/12 19:52 | |
| alpha-BHC | ug/L | 0.00030U | 0.010 | 09/21/12 19:52 | |
| beta-BHC | ug/L | 0.00050U | 0.010 | 09/21/12 19:52 | |
| Chlordane (Technical) | ug/L | 0.080U | 0.50 | 09/21/12 19:52 | |
| Chlorobenzilate | ug/L | 0.021U | 0.10 | 09/21/12 19:52 | |
| delta-BHC | ug/L | 0.00040U | 0.010 | 09/21/12 19:52 | |
| Dieldrin | ug/L | 0.00050U | 0.010 | 09/21/12 19:52 | |
| Endosulfan I | ug/L | 0.00070U | 0.010 | 09/21/12 19:52 | |
| Endosulfan II | ug/L | 0.00070U | 0.010 | 09/21/12 19:52 | |
| Endosulfan sulfate | ug/L | 0.00060U | 0.010 | 09/21/12 19:52 | |
| Endrin | ug/L | 0.0017U | 0.010 | 09/21/12 19:52 | |
| Endrin aldehyde | ug/L | 0.0071U | 0.010 | 09/21/12 19:52 | |
| gamma-BHC (Lindane) | ug/L | 0.00020U | 0.010 | 09/21/12 19:52 | |
| Heptachlor | ug/L | 0.0015U | 0.010 | 09/21/12 19:52 | |
| Heptachlor epoxide | ug/L | 0.00040U | 0.010 | 09/21/12 19:52 | |
| Methoxychlor | ug/L | 0.0070U | 0.010 | 09/21/12 19:52 | |
| Pentachloronitrobenzene | ug/L | 0.015U | 0.10 | 09/21/12 19:52 | |
| Toxaphene | ug/L | 0.28U | 0.50 | 09/21/12 19:52 | |
| Decachlorobiphenyl (S) | % | 87 | 41.7-109.1 | 09/21/12 19:52 | |
| Tetrachloro-m-xylene (S) | % | 85 | 66.5-120.3 | 09/21/12 19:52 | |

LABORATORY CONTROL SAMPLE & LCSD: 468996 469231

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDD | ug/L | .5 | 0.57 | 0.57 | 113 | 114 | 65-133 | .9 | 40 | |
| 4,4'-DDE | ug/L | .5 | 0.53 | 0.53 | 105 | 105 | 63-138 | .09 | 40 | |
| 4,4'-DDT | ug/L | .5 | 0.73 | 0.72 | 146 | 145 | 44-154 | .8 | 40 | |
| Aldrin | ug/L | .5 | 0.44 | 0.41 | 87 | 81 | 50-130 | 7 | 40 | |
| alpha-BHC | ug/L | .5 | 0.55 | 0.53 | 109 | 106 | 44-130 | 3 | 40 | |
| beta-BHC | ug/L | .5 | 0.52 | 0.55 | 104 | 110 | 65-130 | 5 | 40 | |
| delta-BHC | ug/L | .5 | 0.51 | 0.54 | 102 | 109 | 10-140 | 6 | 40 | |
| Dieldrin | ug/L | .5 | 0.54 | 0.54 | 108 | 109 | 63-130 | .8 | 40 | |
| Endosulfan I | ug/L | .5 | 0.54 | 0.55 | 109 | 109 | 65-130 | .3 | 40 | |
| Endosulfan II | ug/L | .5 | 0.55 | 0.56 | 110 | 113 | 67-131 | 2 | 40 | |
| Endosulfan sulfate | ug/L | .5 | 0.56 | 0.57 | 111 | 114 | 43-134 | 3 | 40 | |
| Endrin | ug/L | .5 | 0.55 | 0.55 | 110 | 111 | 62-133 | .5 | 40 | |
| Endrin aldehyde | ug/L | .5 | 0.56 | 0.58 | 112 | 115 | 59-135 | 3 | 40 | |
| gamma-BHC (Lindane) | ug/L | .5 | 0.55 | 0.54 | 111 | 109 | 51-130 | 2 | 40 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

LABORATORY CONTROL SAMPLE & LCSD: 468996 469231

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Heptachlor | ug/L | .5 | 0.58 | 0.56 | 116 | 112 | 55-130 | 3 | 40 | |
| Heptachlor epoxide | ug/L | .5 | 0.54 | 0.54 | 108 | 108 | 65-130 | .06 | 40 | |
| Methoxychlor | ug/L | .5 | 0.78 | 0.78 | 156 | 156 | 47-156 | .2 | 40 | |
| Decachlorobiphenyl (S) | % | | | | 69 | 56 | 41.7-109. | | | |
| Tetrachloro-m-xylene (S) | % | | | | 92 | 85 | 66.5-120. | | | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: OEXT/9955 Analysis Method: EPA 8082
QC Batch Method: EPA 3510 Analysis Description: 8082 GCS PCB
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

METHOD BLANK: 468997 Matrix: Water
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| PCB-1016 (Aroclor 1016) | ug/L | 0.080U | 0.50 | 09/21/12 21:36 | |
| PCB-1221 (Aroclor 1221) | ug/L | 0.081U | 0.50 | 09/21/12 21:36 | |
| PCB-1232 (Aroclor 1232) | ug/L | 0.12U | 0.50 | 09/21/12 21:36 | |
| PCB-1242 (Aroclor 1242) | ug/L | 0.13U | 0.50 | 09/21/12 21:36 | |
| PCB-1248 (Aroclor 1248) | ug/L | 0.28U | 0.50 | 09/21/12 21:36 | |
| PCB-1254 (Aroclor 1254) | ug/L | 0.14U | 0.50 | 09/21/12 21:36 | |
| PCB-1260 (Aroclor 1260) | ug/L | 0.11U | 0.50 | 09/21/12 21:36 | |
| Decachlorobiphenyl (S) | % | 92 | 63-121 | 09/21/12 21:36 | |
| Tetrachloro-m-xylene (S) | % | 91 | 48-111 | 09/21/12 21:36 | |

LABORATORY CONTROL SAMPLE & LCSD: 468998 469233

| 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 | 2.7 | 2.6 | 107 | 104 | 50-114 | 3 | 40 | |
| PCB-1260 (Aroclor 1260) | ug/L | 2.5 | 2.4 | 2.3 | 95 | 93 | 10-127 | 2 | 40 | |
| Decachlorobiphenyl (S) | % | | | | 71 | 78 | 63-121 | | | |
| Tetrachloro-m-xylene (S) | % | | | | 83 | 92 | 48-111 | | | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: OEXT/9932 Analysis Method: EPA 8141
QC Batch Method: EPA 3510 Analysis Description: 8141 GCS, O/P Pesticides
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

METHOD BLANK: 467194 Matrix: Water
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Dimethoate | ug/L | 0.24U | 0.50 | 09/19/12 15:15 | |
| Disulfoton | ug/L | 0.26U | 0.50 | 09/19/12 15:15 | |
| Famphur | ug/L | 0.29U | 0.50 | 09/19/12 15:15 | |
| Methyl parathion | ug/L | 0.27U | 0.50 | 09/19/12 15:15 | |
| Parathion (Ethyl parathion) | ug/L | 0.47U | 1.0 | 09/19/12 15:15 | |
| Phorate | ug/L | 0.42U | 1.0 | 09/19/12 15:15 | |
| 4-Chloro3nitrobenzotrifluoride | % | 72 | 34.2-122 | 09/19/12 15:15 | |

LABORATORY CONTROL SAMPLE & LCSD: 467195 467844

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Dimethoate | ug/L | 2 | 1.5 | 1.3 | 74 | 63 | 21-153 | 17 | 40 | |
| Disulfoton | ug/L | 2 | 1.5 | 1.3 | 76 | 63 | 36-137 | 19 | 40 | |
| Famphur | ug/L | 2 | 1.4 | 1.2 | 72 | 58 | 43-136 | 20 | 40 | |
| Methyl parathion | ug/L | 2 | 1.6 | 1.2 | 78 | 61 | 51-130 | 24 | 40 | |
| Parathion (Ethyl parathion) | ug/L | 4 | 2.8 | 2.2 | 70 | 54 | 46-130 | 25 | 40 | |
| Phorate | ug/L | 4 | 2.9 | 2.4 | 72 | 60 | 41-130 | 18 | 40 | |
| 4-Chloro3nitrobenzotrifluoride | % | | | | 55 | 78 | 34.2-122 | | | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: OEXT/9944 Analysis Method: EPA 8151
QC Batch Method: EPA 8151 Analysis Description: 8151A GCS Herbicides
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

METHOD BLANK: 468049 Matrix: Water
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| 2,4,5-T | ug/L | 0.042U | 0.19 | 09/20/12 16:20 | |
| 2,4,5-TP (Silvex) | ug/L | 0.049U | 0.19 | 09/20/12 16:20 | |
| 2,4-D | ug/L | 0.22U | 0.94 | 09/20/12 16:20 | |
| Dinoseb | ug/L | 0.057U | 0.19 | 09/20/12 16:20 | |
| Pentachlorophenol | ug/L | 0.017U | 0.028 | 09/20/12 16:20 | |
| 2,4-DCAA (S) | % | 88 | 42-142 | 09/20/12 16:20 | |

LABORATORY CONTROL SAMPLE: 468050

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| 2,4,5-T | ug/L | 1.2 | 1.1 | 90 | 28-161 | |
| 2,4,5-TP (Silvex) | ug/L | 1.2 | 1.4 | 117 | 27-170 | |
| 2,4-D | ug/L | 6 | 5.2 | 87 | 23-163 | |
| Dinoseb | ug/L | 1.2 | 0.80 | 67 | 24-151 | |
| Pentachlorophenol | ug/L | .18 | 0.12 | 67 | 29-143 | |
| 2,4-DCAA (S) | % | | | 91 | 42-142 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 468304 468305

| Parameter | Units | 3568297005 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2,4,5-T | ug/L | 0.042U | 2.4 | 2.4 | 2.3 | 0.89 | 96 | 37 | 36-169 | 88 | 40 | J(D6) |
| 2,4,5-TP (Silvex) | ug/L | 0.049U | 2.4 | 2.4 | 2.7 | 0.83 | 114 | 34 | 20-176 | 108 | 40 | J(D6) |
| 2,4-D | ug/L | 0.22U | 12 | 12 | 10 | 3.6 | 83 | 30 | 17-167 | 94 | 40 | J(D6) |
| Dinoseb | ug/L | 0.056U | 2.4 | 2.4 | 2.2 | 0.45 | 91 | 19 | 10-163 | 132 | 40 | J(D6) |
| Pentachlorophenol | ug/L | 0.017U | .36 | .36 | 0.26 | 0.034U | 73 | 3 | 10-162 | | 40 | J(M1) |
| 2,4-DCAA (S) | % | | | | | | 97 | 14 | 42-142 | | | J(S0) |



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

Pace Analytical®
www.pacelabs.com

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: OEXT/9940 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV App II
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

METHOD BLANK: 468041 Matrix: Water
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| 1,2,4,5-Tetrachlorobenzene | ug/L | 1.5U | 5.0 | 09/20/12 08:09 | |
| 1,2,4-Trichlorobenzene | ug/L | 0.21U | 5.0 | 09/20/12 08:09 | |
| 1,2-Dichlorobenzene | ug/L | 0.23U | 5.0 | 09/20/12 08:09 | |
| 1,2-Dinitrobenzene | ug/L | 0.26U | 5.0 | 09/20/12 08:09 | |
| 1,3,5-Trinitrobenzene | ug/L | 0.19U | 5.0 | 09/20/12 08:09 | |
| 1,3-Dichlorobenzene | ug/L | 1.5U | 5.0 | 09/20/12 08:09 | |
| 1,3-Dinitrobenzene | ug/L | 0.32U | 8.0 | 09/20/12 08:09 | |
| 1,4-Dichlorobenzene | ug/L | 0.17U | 5.0 | 09/20/12 08:09 | |
| 1,4-Naphthoquinone | ug/L | 1.9U | 5.0 | 09/20/12 08:09 | |
| 1-Methylnaphthalene | ug/L | 1.5U | 5.0 | 09/20/12 08:09 | N2 |
| 1-Naphthylamine | ug/L | 0.29U | 5.0 | 09/20/12 08:09 | |
| 2,3,4,6-Tetrachlorophenol | ug/L | 1.6U | 5.0 | 09/20/12 08:09 | |
| 2,4,5-Trichlorophenol | ug/L | 0.17U | 4.0 | 09/20/12 08:09 | |
| 2,4,6-Trichlorophenol | ug/L | 0.19U | 2.0 | 09/20/12 08:09 | |
| 2,4-Dichlorophenol | ug/L | 0.19U | 2.0 | 09/20/12 08:09 | |
| 2,4-Dimethylphenol | ug/L | 0.27U | 5.0 | 09/20/12 08:09 | |
| 2,4-Dinitrophenol | ug/L | 1.1U | 20.0 | 09/20/12 08:09 | |
| 2,4-Dinitrotoluene | ug/L | 0.14U | 2.0 | 09/20/12 08:09 | |
| 2,6-Dichlorophenol | ug/L | 0.23U | 4.0 | 09/20/12 08:09 | |
| 2,6-Dinitrotoluene | ug/L | 0.22U | 2.0 | 09/20/12 08:09 | |
| 2-Acetylaminofluorene | ug/L | 0.25U | 5.0 | 09/20/12 16:20 | |
| 2-Chloronaphthalene | ug/L | 0.21U | 5.0 | 09/20/12 08:09 | |
| 2-Chlorophenol | ug/L | 0.14U | 5.0 | 09/20/12 08:09 | |
| 2-Methylnaphthalene | ug/L | 0.14U | 5.0 | 09/20/12 08:09 | |
| 2-Methylphenol(o-Cresol) | ug/L | 1.3U | 5.0 | 09/20/12 08:09 | |
| 2-Naphthylamine | ug/L | 0.29U | 5.0 | 09/20/12 08:09 | |
| 2-Nitroaniline | ug/L | 0.20U | 5.0 | 09/20/12 08:09 | |
| 2-Nitrophenol | ug/L | 0.24U | 5.0 | 09/20/12 08:09 | |
| 3&4-Methylphenol(m&p Cresol) | ug/L | 0.16U | 10.0 | 09/20/12 08:09 | |
| 3,3'-Dichlorobenzidine | ug/L | 0.20U | 10.0 | 09/20/12 08:09 | |
| 3,3'-Dimethylbenzidine | ug/L | 0.62U | 10.0 | 09/20/12 08:09 | |
| 3-Methylcholanthrene | ug/L | 0.14U | 5.0 | 09/20/12 08:09 | |
| 3-Nitroaniline | ug/L | 0.32U | 5.0 | 09/20/12 08:09 | |
| 4,6-Dinitro-2-methylphenol | ug/L | 1.5U | 20.0 | 09/20/12 08:09 | |
| 4-Aminobiphenyl | ug/L | 0.19U | 5.0 | 09/20/12 08:09 | |
| 4-Bromophenylphenyl ether | ug/L | 0.25U | 5.0 | 09/20/12 08:09 | |
| 4-Chloro-3-methylphenol | ug/L | 0.30U | 20.0 | 09/20/12 08:09 | |
| 4-Chloroaniline | ug/L | 0.20U | 5.0 | 09/20/12 08:09 | |
| 4-Chlorophenylphenyl ether | ug/L | 1.9U | 5.0 | 09/20/12 08:09 | |
| 4-Nitroaniline | ug/L | 1.8U | 4.0 | 09/20/12 08:09 | |
| 4-Nitrophenol | ug/L | 0.78U | 20.0 | 09/20/12 08:09 | |
| 5-Nitro-o-toluidine | ug/L | 0.14U | 5.0 | 09/20/12 08:09 | |
| 7,12-Dimethylbenz(a)anthracene | ug/L | 0.13U | 5.0 | 09/20/12 08:09 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

METHOD BLANK: 468041 Matrix: Water

Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| a,a-Dimethylphenylethylamine | ug/L | 10.0U | 20.0 | 09/20/12 08:09 | |
| Acenaphthene | ug/L | 0.18U | 5.0 | 09/20/12 08:09 | |
| Acenaphthylene | ug/L | 1.8U | 5.0 | 09/20/12 08:09 | |
| Acetophenone | ug/L | 1.5U | 5.0 | 09/20/12 08:09 | |
| Anthracene | ug/L | 0.18U | 5.0 | 09/20/12 08:09 | |
| Benzo(a)anthracene | ug/L | 1.8U | 5.0 | 09/20/12 08:09 | |
| Benzo(a)pyrene | ug/L | 0.14U | 1.0 | 09/20/12 08:09 | |
| Benzo(b)fluoranthene | ug/L | 1.8U | 2.0 | 09/20/12 08:09 | |
| Benzo(g,h,i)perylene | ug/L | 1.8U | 5.0 | 09/20/12 08:09 | |
| Benzo(k)fluoranthene | ug/L | 0.11U | 4.0 | 09/20/12 08:09 | |
| Benzyl alcohol | ug/L | 0.31U | 5.0 | 09/20/12 08:09 | |
| bis(2-Chloroethoxy)methane | ug/L | 0.14U | 5.0 | 09/20/12 08:09 | |
| bis(2-Chloroethyl) ether | ug/L | 0.21U | 4.0 | 09/20/12 08:09 | |
| bis(2-Chloroisopropyl) ether | ug/L | 0.26U | 5.0 | 09/20/12 08:09 | |
| bis(2-Ethylhexyl)phthalate | ug/L | 0.97U | 5.0 | 09/20/12 08:09 | |
| Butylbenzylphthalate | ug/L | 2.0U | 5.0 | 09/20/12 08:09 | |
| Chrysene | ug/L | 0.18U | 5.0 | 09/20/12 08:09 | |
| Di-n-butylphthalate | ug/L | 0.18U | 5.0 | 09/20/12 08:09 | |
| Di-n-octylphthalate | ug/L | 0.18U | 5.0 | 09/20/12 08:09 | |
| Diallate | ug/L | 0.21U | 5.0 | 09/20/12 08:09 | |
| Dibenz(a,h)anthracene | ug/L | 1.8U | 2.0 | 09/20/12 08:09 | |
| Dibenzofuran | ug/L | 0.14U | 5.0 | 09/20/12 08:09 | |
| Diethylphthalate | ug/L | 0.26 I | 5.0 | 09/20/12 08:09 | |
| Dimethylphthalate | ug/L | 0.17U | 5.0 | 09/20/12 08:09 | |
| Ethyl methanesulfonate | ug/L | 0.23U | 5.0 | 09/20/12 08:09 | |
| Fluoranthene | ug/L | 1.8U | 5.0 | 09/20/12 08:09 | |
| Fluorene | ug/L | 1.7U | 5.0 | 09/20/12 08:09 | |
| Hexachlorobenzene | ug/L | 0.19U | 1.0 | 09/20/12 08:09 | |
| Hexachlorocyclopentadiene | ug/L | 1.1U | 5.0 | 09/20/12 08:09 | |
| Hexachloroethane | ug/L | 0.24U | 5.0 | 09/20/12 08:09 | |
| Hexachloropropene | ug/L | 0.24U | 5.0 | 09/20/12 08:09 | |
| Indeno(1,2,3-cd)pyrene | ug/L | 1.8U | 2.0 | 09/20/12 08:09 | |
| Isodrin | ug/L | 0.31U | 5.0 | 09/20/12 08:09 | |
| Isophorone | ug/L | 0.14U | 5.0 | 09/20/12 08:09 | |
| Isosafrole | ug/L | 0.15U | 5.0 | 09/20/12 08:09 | |
| Kepone | ug/L | 5.0U | 20.0 | 09/20/12 08:09 | |
| Methapyrilene | ug/L | 0.53U | 5.0 | 09/20/12 08:09 | |
| Methyl methanesulfonate | ug/L | 0.18U | 5.0 | 09/20/12 08:09 | |
| N-Nitroso-di-n-butylamine | ug/L | 0.22U | 4.0 | 09/20/12 08:09 | |
| N-Nitroso-di-n-propylamine | ug/L | 0.26U | 4.0 | 09/20/12 08:09 | |
| N-Nitrosodiethylamine | ug/L | 0.22U | 4.0 | 09/20/12 08:09 | |
| N-Nitrosodimethylamine | ug/L | 0.14U | 2.0 | 09/20/12 08:09 | |
| N-Nitrosodiphenylamine | ug/L | 0.13U | 5.0 | 09/20/12 08:09 | |
| N-Nitrosomethylethylamine | ug/L | 0.34U | 5.0 | 09/20/12 08:09 | |
| N-Nitrosopiperidine | ug/L | 0.25U | 5.0 | 09/20/12 08:09 | |
| N-Nitrosopyrrolidine | ug/L | 0.22U | 5.0 | 09/20/12 08:09 | |
| Naphthalene | ug/L | 0.20U | 5.0 | 09/20/12 08:09 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

METHOD BLANK: 468041 Matrix: Water

Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Nitrobenzene | ug/L | 0.41U | 4.0 | 09/20/12 08:09 | |
| O,O,O-Triethylphosphorothioate | ug/L | 0.26U | 5.0 | 09/20/12 08:09 | |
| O-Toluidine | ug/L | 0.25U | 5.0 | 09/20/12 08:09 | |
| P-Dimethylaminoazobenzene | ug/L | 0.30U | 5.0 | 09/20/12 08:09 | |
| p-Phenylenediamine | ug/L | 10.0U | 20.0 | 09/20/12 08:09 | |
| Parathion (Ethyl parathion) | ug/L | 0.17U | 5.0 | 09/20/12 08:09 | N2 |
| Pentachlorobenzene | ug/L | 0.20U | 5.0 | 09/20/12 08:09 | |
| Pentachlorophenol | ug/L | 1.1U | 20.0 | 09/20/12 08:09 | |
| Phenacetin | ug/L | 0.20U | 5.0 | 09/20/12 08:09 | |
| Phenanthrene | ug/L | 0.13U | 5.0 | 09/20/12 08:09 | |
| Phenol | ug/L | 0.14U | 5.0 | 09/20/12 08:09 | |
| Pronamide | ug/L | 0.20U | 5.0 | 09/20/12 08:09 | |
| Pyrene | ug/L | 1.7U | 5.0 | 09/20/12 08:09 | |
| Safrole | ug/L | 0.23U | 5.0 | 09/20/12 08:09 | |
| Thionazin | ug/L | 0.27U | 5.0 | 09/20/12 08:09 | |
| 2,4,6-Tribromophenol (S) | % | 74 | 35-146 | 09/20/12 08:09 | |
| 2-Fluorobiphenyl (S) | % | 65 | 34-120 | 09/20/12 08:09 | |
| 2-Fluorophenol (S) | % | 26 | 10-120 | 09/20/12 08:09 | |
| Nitrobenzene-d5 (S) | % | 68 | 22-120 | 09/20/12 08:09 | |
| Phenol-d6 (S) | % | 16 | 10-120 | 09/20/12 08:09 | |
| Terphenyl-d14 (S) | % | 91 | 39-138 | 09/20/12 08:09 | |

LABORATORY CONTROL SAMPLE & LCSD: 468042 468749

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,2,4,5-Tetrachlorobenzene | ug/L | 50 | 30.9 | 35.8 | 62 | 72 | 27-140 | 14 | 40 | |
| 1,2,4-Trichlorobenzene | ug/L | 50 | 26.8 | 27.8 | 54 | 56 | 44-142 | 4 | 40 | |
| 1,2-Dichlorobenzene | ug/L | 50 | 26.2 | 27.2 | 52 | 54 | 32-129 | 4 | 40 | |
| 1,2-Dinitrobenzene | ug/L | 50 | 37.9 | 39.7 | 76 | 79 | 37-140 | 5 | 40 | |
| 1,3,5-Trinitrobenzene | ug/L | 50 | 34.0 | 33.4 | 68 | 67 | 13-154 | 2 | 40 | |
| 1,3-Dichlorobenzene | ug/L | 50 | 25.4 | 25.8 | 51 | 52 | 10-172 | 1 | 40 | |
| 1,3-Dinitrobenzene | ug/L | 50 | 38.4 | 39.9 | 77 | 80 | 46-140 | 4 | 40 | |
| 1,4-Dichlorobenzene | ug/L | 50 | 25.9 | 26.0 | 52 | 52 | 20-140 | .04 | 40 | |
| 1,4-Naphthoquinone | ug/L | 50 | 33.2 | 33.1 | 66 | 66 | 21-140 | .5 | 40 | |
| 1-Methylnaphthalene | ug/L | 50 | 31.4 | 36.7 | 63 | 73 | 38-140 | 15 | 40 | N2 |
| 1-Naphthylamine | ug/L | 50 | 34.3 | 35.5 | 69 | 71 | 31-140 | 4 | 40 | |
| 2,3,4,6-Tetrachlorophenol | ug/L | 50 | 38.0 | 40.9 | 76 | 82 | 44-140 | 7 | 40 | |
| 2,4,5-Trichlorophenol | ug/L | 50 | 36.4 | 36.0 | 73 | 72 | 39-140 | 1 | 40 | |
| 2,4,6-Trichlorophenol | ug/L | 50 | 34.5 | 34.1 | 69 | 68 | 37-144 | 1 | 40 | |
| 2,4-Dichlorophenol | ug/L | 50 | 32.6 | 33.5 | 65 | 67 | 39-140 | 3 | 40 | |
| 2,4-Dimethylphenol | ug/L | 50 | 29.2 | 22.9 | 58 | 46 | 32-140 | 24 | 40 | |
| 2,4-Dinitrophenol | ug/L | 50 | 73.7 | 77.7 | 147 | 155 | 10-191 | 5 | 40 | |
| 2,4-Dinitrotoluene | ug/L | 50 | 39.5 | 41.2 | 79 | 82 | 29-149 | 4 | 40 | |
| 2,6-Dichlorophenol | ug/L | 50 | 32.0 | 33.0 | 64 | 66 | 37-140 | 3 | 40 | |
| 2,6-Dinitrotoluene | ug/L | 50 | 37.5 | 38.7 | 75 | 77 | 35-140 | 3 | 40 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

LABORATORY CONTROL SAMPLE & LCSD: 468042 468749

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 2-Acetylaminofluorene | ug/L | 50 | 40.0 | 39.8 | 80 | 80 | 36-140 | .5 | 40 | |
| 2-Chloronaphthalene | ug/L | 50 | 31.3 | 30.1 | 63 | 60 | 36-140 | 4 | 40 | |
| 2-Chlorophenol | ug/L | 50 | 26.2 | 26.1 | 52 | 52 | 23-140 | .5 | 40 | |
| 2-Methylnaphthalene | ug/L | 50 | 30.8 | 35.7 | 62 | 71 | 35-140 | 15 | 40 | |
| 2-Methylphenol(o-Cresol) | ug/L | 50 | 22.0 | 22.1 | 44 | 44 | 18-140 | .3 | 40 | |
| 2-Naphthylamine | ug/L | 50 | 31.7 | 33.2 | 63 | 66 | 14-150 | 5 | 40 | |
| 2-Nitroaniline | ug/L | 50 | 38.0 | 38.7 | 76 | 77 | 42-140 | 2 | 40 | |
| 2-Nitrophenol | ug/L | 50 | 33.4 | 27.0 | 67 | 54 | 29-182 | 21 | 40 | |
| 3&4-Methylphenol(m&p Cresol) | ug/L | 50 | 19.5 | 19.3 | 39 | 39 | 15-140 | .9 | 40 | |
| 3,3'-Dichlorobenzidine | ug/L | 50 | 39.3 | 38.5 | 79 | 77 | 10-262 | 2 | 40 | |
| 3,3'-Dimethylbenzidine | ug/L | 50 | 25.7 | 22.1 | 51 | 44 | 10-165 | 15 | 40 | |
| 3-Methylcholanthrene | ug/L | 50 | 34.7 | 36.2 | 69 | 72 | 29-140 | 4 | 40 | |
| 3-Nitroaniline | ug/L | 50 | 37.0 | 38.8 | 74 | 78 | 36-140 | 5 | 40 | |
| 4,6-Dinitro-2-methylphenol | ug/L | 50 | 59.0 | 61.6 | 118 | 123 | 10-181 | 4 | 40 | |
| 4-Aminobiphenyl | ug/L | 50 | 37.9 | 38.2 | 76 | 76 | 39-140 | .8 | 40 | |
| 4-Bromophenylphenyl ether | ug/L | 50 | 35.7 | 38.0 | 71 | 76 | 44-140 | 6 | 40 | |
| 4-Chloro-3-methylphenol | ug/L | 50 | 33.7 | 39.2 | 67 | 78 | 22-147 | 15 | 40 | |
| 4-Chloroaniline | ug/L | 50 | 31.3 | 33.9 | 63 | 68 | 20-140 | 8 | 40 | |
| 4-Chlorophenylphenyl ether | ug/L | 50 | 34.3 | 36.2 | 69 | 72 | 25-158 | 5 | 40 | |
| 4-Nitroaniline | ug/L | 50 | 35.7 | 34.3 | 71 | 69 | 43-140 | 4 | 40 | |
| 4-Nitrophenol | ug/L | 50 | 10.2 I | 9.5 I | 20 | 19 | 10-140 | | 40 | |
| 5-Nitro-o-toluidine | ug/L | 50 | 36.9 | 37.0 | 74 | 74 | 46-140 | .4 | 40 | |
| 7,12-Dimethylbenz(a)anthracene | ug/L | 50 | 30.3 | 32.0 | 61 | 64 | 24-140 | 6 | 40 | |
| Acenaphthene | ug/L | 50 | 33.1 | 34.7 | 66 | 69 | 47-145 | 5 | 40 | |
| Acenaphthylene | ug/L | 50 | 32.8 | 34.2 | 66 | 68 | 33-145 | 4 | 40 | |
| Acetophenone | ug/L | 50 | 31.6 | 25.3 | 63 | 51 | 26-140 | 22 | 40 | |
| Anthracene | ug/L | 50 | 36.3 | 37.1 | 73 | 74 | 27-140 | 2 | 40 | |
| Benzo(a)anthracene | ug/L | 50 | 37.2 | 38.0 | 74 | 76 | 33-143 | 2 | 40 | |
| Benzo(a)pyrene | ug/L | 50 | 37.7 | 38.4 | 75 | 77 | 17-163 | 2 | 40 | |
| Benzo(b)fluoranthene | ug/L | 50 | 39.4 | 39.9 | 79 | 80 | 24-159 | 1 | 40 | |
| Benzo(g,h,i)perylene | ug/L | 50 | 37.8 | 38.9 | 76 | 78 | 10-219 | 3 | 40 | |
| Benzo(k)fluoranthene | ug/L | 50 | 35.0 | 36.3 | 70 | 73 | 11-162 | 4 | 40 | |
| Benzyl alcohol | ug/L | 50 | 21.3 | 20.9 | 43 | 42 | 29-140 | 2 | 40 | |
| bis(2-Chloroethoxy)methane | ug/L | 50 | 31.6 | 33.5 | 63 | 67 | 33-184 | 6 | 40 | |
| bis(2-Chloroethyl) ether | ug/L | 50 | 30.5 | 31.4 | 61 | 63 | 12-158 | 3 | 40 | |
| bis(2-Chloroisopropyl) ether | ug/L | 50 | 30.4 | 32.2 | 61 | 64 | 36-166 | 6 | 40 | |
| bis(2-Ethylhexyl)phthalate | ug/L | 50 | 42.6 | 45.7 | 85 | 91 | 10-158 | 7 | 40 | |
| Butylbenzylphthalate | ug/L | 50 | 41.2 | 45.1 | 82 | 90 | 10-152 | 9 | 40 | |
| Chrysene | ug/L | 50 | 35.9 | 36.5 | 72 | 73 | 17-168 | 2 | 40 | |
| Di-n-butylphthalate | ug/L | 50 | 39.5 | 39.1 | 79 | 78 | 46-140 | 1 | 40 | |
| Di-n-octylphthalate | ug/L | 50 | 40.7 | 41.3 | 81 | 83 | 10-146 | 1 | 40 | |
| Diallate | ug/L | 50 | 36.3 | 37.7 | 73 | 75 | 22-140 | 4 | 40 | |
| Dibenz(a,h)anthracene | ug/L | 50 | 38.1 | 38.8 | 76 | 78 | 10-227 | 2 | 40 | |
| Dibenzofuran | ug/L | 50 | 33.4 | 34.9 | 67 | 70 | 41-140 | 5 | 40 | |
| Diethylphthalate | ug/L | 50 | 37.5 | 39.4 | 75 | 79 | 35-140 | 5 | 40 | |
| Dimethylphthalate | ug/L | 50 | 35.6 | 36.5 | 71 | 73 | 40-140 | 3 | 40 | |
| Ethyl methanesulfonate | ug/L | 50 | 22.3 | 27.8 | 45 | 56 | 10-140 | 22 | 40 | |
| Fluoranthene | ug/L | 50 | 37.3 | 35.0 | 75 | 70 | 26-140 | 6 | 40 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

LABORATORY CONTROL SAMPLE & LCSD: 468042 468749

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Fluorene | ug/L | 50 | 33.4 | 34.6 | 67 | 69 | 51-140 | 3 | 40 | |
| Hexachlorobenzene | ug/L | 50 | 36.1 | 38.0 | 72 | 76 | 10-152 | 5 | 40 | |
| Hexachlorocyclopentadiene | ug/L | 50 | 19.4 | 17.7 | 39 | 35 | 10-140 | 9 | 40 | |
| Hexachloroethane | ug/L | 50 | 26.4 | 25.6 | 53 | 51 | 40-140 | 3 | 40 | |
| Hexachloropropene | ug/L | 50 | 24.5 | 21.9 | 49 | 44 | 22-140 | 11 | 40 | |
| Indeno(1,2,3-cd)pyrene | ug/L | 50 | 37.6 | 39.1 | 75 | 78 | 10-171 | 4 | 40 | |
| Isodrin | ug/L | 50 | 37.3 | 37.8 | 75 | 76 | 54-140 | 1 | 40 | |
| Isophorone | ug/L | 50 | 34.4 | 27.4 | 69 | 55 | 21-196 | 23 | 40 | |
| Isosafrole | ug/L | 50 | 31.6 | 36.8 | 63 | 74 | 35-140 | 15 | 40 | |
| Methapyrilene | ug/L | 50 | 19.2 | 19.1 | 38 | 38 | 10-156 | .6 | 40 | |
| Methyl methanesulfonate | ug/L | 50 | 13.4 | 20.1 | 27 | 40 | 10-140 | 40 | 40 | |
| N-Nitroso-di-n-butylamine | ug/L | 50 | 34.1 | 41.4 | 68 | 83 | 44-140 | 19 | 40 | |
| N-Nitroso-di-n-propylamine | ug/L | 50 | 32.8 | 37.0 | 66 | 74 | 10-230 | 12 | 40 | |
| N-Nitrosodiethylamine | ug/L | 50 | 24.5 | 31.9 | 49 | 64 | 45-140 | 26 | 40 | |
| N-Nitrosodimethylamine | ug/L | 50 | 11.2 | 15.0 | 22 | 30 | 11-140 | 29 | 40 | |
| N-Nitrosodiphenylamine | ug/L | 50 | 35.3 | 37.9 | 71 | 76 | 45-140 | 7 | 40 | |
| N-Nitrosomethylethylamine | ug/L | 50 | 19.8 | 31.8 | 40 | 64 | 38-140 | 46 | 40 | J(D6) |
| N-Nitrosopiperidine | ug/L | 50 | 32.1 | 25.9 | 64 | 52 | 46-140 | 21 | 40 | |
| N-Nitrosopyrrolidine | ug/L | 50 | 24.6 | 19.5 | 49 | 39 | 32-140 | 23 | 40 | |
| Naphthalene | ug/L | 50 | 28.4 | 29.7 | 57 | 59 | 21-140 | 5 | 40 | |
| Nitrobenzene | ug/L | 50 | 31.6 | 24.3 | 63 | 49 | 35-180 | 26 | 40 | |
| O,O,O-Triethylphosphorothioate | ug/L | 50 | 32.1 | 34.3 | 64 | 69 | 45-140 | 7 | 40 | |
| O-Toluidine | ug/L | 50 | 28.4 | 22.3 | 57 | 45 | 44-140 | 24 | 40 | |
| P-Dimethylaminoazobenzene | ug/L | 50 | 43.5 | 40.2 | 87 | 80 | 32-140 | 8 | 40 | |
| Parathion (Ethyl parathion) | ug/L | 50 | 40.0 | 39.3 | 80 | 79 | 51-140 | 2 | 40 | N2 |
| Pentachlorobenzene | ug/L | 50 | 32.5 | 33.5 | 65 | 67 | 38-140 | 3 | 40 | |
| Pentachlorophenol | ug/L | 50 | 42.8 | 44.3 | 86 | 89 | 14-176 | 4 | 40 | |
| Phenacetin | ug/L | 50 | 37.5 | 35.1 | 75 | 70 | 29-140 | 7 | 40 | |
| Phenanthrene | ug/L | 50 | 35.3 | 36.5 | 71 | 73 | 50-140 | 4 | 40 | |
| Phenol | ug/L | 50 | 7.6 | 7.6 | 15 | 15 | 10-140 | .3 | 40 | |
| Pronamide | ug/L | 50 | 37.7 | 36.8 | 75 | 74 | 37-140 | 3 | 40 | |
| Pyrene | ug/L | 50 | 39.4 | 44.3 | 79 | 89 | 52-121 | 12 | 40 | |
| Safrole | ug/L | 50 | 33.3 | 31.8 | 67 | 64 | 34-140 | 5 | 40 | |
| Thionazin | ug/L | 50 | 39.8 | 42.2 | 80 | 84 | 51-140 | 6 | 40 | |
| 2,4,6-Tribromophenol (S) | % | | | | 79 | 84 | 35-146 | | | |
| 2-Fluorobiphenyl (S) | % | | | | 61 | 59 | 34-120 | | | |
| 2-Fluorophenol (S) | % | | | | 19 | 26 | 10-120 | | | |
| Nitrobenzene-d5 (S) | % | | | | 64 | 49 | 22-120 | | | |
| Phenol-d6 (S) | % | | | | 14 | 14 | 10-120 | | | |
| Terphenyl-d14 (S) | % | | | | 78 | 86 | 39-138 | | | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: OEXT/9937 Analysis Method: EPA 8270 by SCAN
QC Batch Method: EPA 3510 Analysis Description: 8270 Water CPAH by SCAN MSSV
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

METHOD BLANK: 468013 Matrix: Water
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| 1-Methylnaphthalene | ug/L | 0.016U | 1.5 | 09/20/12 14:47 | |
| 2-Methylnaphthalene | ug/L | 0.013U | 1.5 | 09/20/12 14:47 | |
| Acenaphthene | ug/L | 0.019U | 1.0 | 09/20/12 14:47 | |
| Acenaphthylene | ug/L | 0.018U | 2.0 | 09/20/12 14:47 | |
| Anthracene | ug/L | 0.019U | 1.0 | 09/20/12 14:47 | |
| Benzo(a)anthracene | ug/L | 0.013U | 0.20 | 09/20/12 14:47 | |
| Benzo(a)pyrene | ug/L | 0.022U | 0.20 | 09/20/12 14:47 | |
| Benzo(b)fluoranthene | ug/L | 0.016U | 0.10 | 09/20/12 14:47 | |
| Benzo(g,h,i)perylene | ug/L | 0.017U | 1.0 | 09/20/12 14:47 | |
| Benzo(k)fluoranthene | ug/L | 0.023U | 0.25 | 09/20/12 14:47 | |
| Chrysene | ug/L | 0.015U | 1.0 | 09/20/12 14:47 | |
| Dibenz(a,h)anthracene | ug/L | 0.019U | 0.20 | 09/20/12 14:47 | |
| Fluoranthene | ug/L | 0.012U | 1.0 | 09/20/12 14:47 | |
| Fluorene | ug/L | 0.011U | 1.0 | 09/20/12 14:47 | |
| Indeno(1,2,3-cd)pyrene | ug/L | 0.019U | 0.15 | 09/20/12 14:47 | |
| Naphthalene | ug/L | 0.017 I | 1.0 | 09/20/12 14:47 | |
| Phenanthrene | ug/L | 0.016U | 1.0 | 09/20/12 14:47 | |
| Pyrene | ug/L | 0.010U | 1.0 | 09/20/12 14:47 | |
| 2-Fluorobiphenyl (S) | % | 92 | 43.9-113 | 09/20/12 14:47 | |
| Terphenyl-d14 (S) | % | 86 | 24.8-144 | 09/20/12 14:47 | |

LABORATORY CONTROL SAMPLE: 468014

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | ug/L | 5 | 4.3 | 87 | 21-133 | |
| 2-Methylnaphthalene | ug/L | 5 | 4.3 | 86 | 21-133 | |
| Acenaphthene | ug/L | 5 | 3.8 | 77 | 47-145 | |
| Acenaphthylene | ug/L | 5 | 3.3 | 66 | 33-145 | |
| Anthracene | ug/L | 5 | 4.0 | 80 | 27-133 | |
| Benzo(a)anthracene | ug/L | 5 | 3.7 | 74 | 33-143 | |
| Benzo(a)pyrene | ug/L | 5 | 2.9 | 59 | 17-163 | |
| Benzo(b)fluoranthene | ug/L | 5 | 3.8 | 76 | 24-159 | |
| Benzo(g,h,i)perylene | ug/L | 5 | 2.0 | 41 | 10-219 | |
| Benzo(k)fluoranthene | ug/L | 5 | 2.9 | 58 | 11-162 | |
| Chrysene | ug/L | 5 | 3.8 | 77 | 17-168 | |
| Dibenz(a,h)anthracene | ug/L | 5 | 1.9 | 38 | 10-227 | |
| Fluoranthene | ug/L | 5 | 4.4 | 87 | 26-137 | |
| Fluorene | ug/L | 5 | 4.2 | 83 | 59-130 | |
| Indeno(1,2,3-cd)pyrene | ug/L | 5 | 2.2 | 44 | 10-171 | |
| Naphthalene | ug/L | 5 | 4.2 | 84 | 21-133 | |
| Phenanthrene | ug/L | 5 | 4.1 | 83 | 54-130 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

LABORATORY CONTROL SAMPLE: 468014

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Pyrene | ug/L | 5 | 4.5 | 90 | 52-130 | |
| 2-Fluorobiphenyl (S) | % | | | 84 | 43.9-113 | |
| Terphenyl-d14 (S) | % | | | 71 | 24.8-144 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 468060 468061

| Parameter | Units | 3568157002 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | ug/L | 0.016U | 9.8 | 9.8 | 7.4 | 7.1 | 75 | 72 | 21-133 | 5 | 40 | |
| 2-Methylnaphthalene | ug/L | 0.013U | 9.8 | 9.8 | 7.8 | 7.2 | 79 | 73 | 21-133 | 8 | 40 | |
| Acenaphthene | ug/L | 0.019U | 9.8 | 9.8 | 7.0 | 6.6 | 71 | 67 | 47-145 | 6 | 40 | |
| Acenaphthylene | ug/L | 0.018U | 9.8 | 9.8 | 7.0 | 5.9 | 71 | 60 | 33-145 | 18 | 40 | |
| Anthracene | ug/L | 0.019U | 9.8 | 9.8 | 7.5 | 7.2 | 76 | 73 | 27-133 | 4 | 40 | |
| Benzo(a)anthracene | ug/L | 0.013U | 9.8 | 9.8 | 7.4 | 7.2 | 76 | 73 | 33-143 | 3 | 40 | |
| Benzo(a)pyrene | ug/L | 0.022U | 9.8 | 9.8 | 6.5 | 6.6 | 66 | 67 | 17-163 | 1 | 40 | |
| Benzo(b)fluoranthene | ug/L | 0.016U | 9.8 | 9.8 | 7.2 | 7.5 | 74 | 76 | 24-159 | 3 | 40 | |
| Benzo(g,h,i)perylene | ug/L | 0.017U | 9.8 | 9.8 | 6.1 | 5.7 | 62 | 58 | 10-219 | 7 | 40 | |
| Benzo(k)fluoranthene | ug/L | 0.023U | 9.8 | 9.8 | 6.4 | 6.4 | 66 | 65 | 11-162 | 1 | 40 | |
| Chrysene | ug/L | 0.015U | 9.8 | 9.8 | 7.2 | 7.4 | 74 | 75 | 17-168 | 2 | 40 | |
| Dibenz(a,h)anthracene | ug/L | 0.019U | 9.8 | 9.8 | 5.1 | 4.8 | 52 | 49 | 10-227 | 7 | 40 | |
| Fluoranthene | ug/L | 0.012U | 9.8 | 9.8 | 8.4 | 8.2 | 86 | 84 | 26-137 | 3 | 40 | |
| Fluorene | ug/L | 0.011U | 9.8 | 9.8 | 7.5 | 6.9 | 76 | 70 | 59-130 | 8 | 40 | |
| Indeno(1,2,3-cd)pyrene | ug/L | 0.019U | 9.8 | 9.8 | 5.9 | 5.7 | 60 | 58 | 10-171 | 4 | 40 | |
| Naphthalene | ug/L | 0.015 I | 9.8 | 9.8 | 7.2 | 6.8 | 74 | 69 | 21-133 | 6 | 40 | |
| Phenanthrene | ug/L | 0.016U | 9.8 | 9.8 | 7.3 | 7.1 | 75 | 73 | 54-130 | 3 | 40 | |
| Pyrene | ug/L | 0.0098 U | 9.8 | 9.8 | 8.6 | 8.5 | 88 | 86 | 52-130 | 2 | 40 | |
| 2-Fluorobiphenyl (S) | % | | | | | | 79 | 72 | 43.9-113 | | | |
| Terphenyl-d14 (S) | % | | | | | | 68 | 67 | 24.8-144 | | | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WET/15063
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Associated Lab Samples: 3567547005

METHOD BLANK: 464023 Matrix: Water
Associated Lab Samples: 3567547005

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | 5.0U | 5.0 | 09/12/12 21:02 | |
| Alkalinity, Total as CaCO3 | mg/L | 5.0U | 5.0 | 09/12/12 21:02 | |
| Alkalinity,Bicarbonate (CaCO3) | mg/L | 5.0U | 5.0 | 09/12/12 21:02 | |

LABORATORY CONTROL SAMPLE: 464024

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Total as CaCO3 | mg/L | 250 | 245 | 98 | 90-110 | |

SAMPLE DUPLICATE: 464167

| Parameter | Units | 3567515002 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | <5.0 | 5.0U | | 20 | |
| Alkalinity, Total as CaCO3 | mg/L | 168 | 167 | .6 | 20 | |
| Alkalinity,Bicarbonate (CaCO3) | mg/L | 168 | 167 | .6 | 20 | |

SAMPLE DUPLICATE: 464189

| Parameter | Units | 3567530002 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | 5.0U | 5.0U | | 20 | |
| Alkalinity, Total as CaCO3 | mg/L | 132 | 131 | 1 | 20 | |
| Alkalinity,Bicarbonate (CaCO3) | mg/L | 132 | 131 | 1 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WET/15124 Analysis Method: SM 2320B
QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
Associated Lab Samples: 3567547006, 3567547008, 3567547009

METHOD BLANK: 466706 Matrix: Water
Associated Lab Samples: 3567547006, 3567547008, 3567547009

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | 5.0U | 5.0 | 09/17/12 20:41 | |
| Alkalinity, Total as CaCO3 | mg/L | 5.0U | 5.0 | 09/17/12 20:41 | |
| Alkalinity,Bicarbonate (CaCO3) | mg/L | 5.0U | 5.0 | 09/17/12 20:41 | |

LABORATORY CONTROL SAMPLE: 466707

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Total as CaCO3 | mg/L | 250 | 246 | 98 | 90-110 | |

SAMPLE DUPLICATE: 466708

| Parameter | Units | 3567482004 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | 5.0U | 5.0U | | 20 | |
| Alkalinity, Total as CaCO3 | mg/L | 149 | 150 | .7 | 20 | |
| Alkalinity,Bicarbonate (CaCO3) | mg/L | 149 | 150 | .7 | 20 | |

SAMPLE DUPLICATE: 466709

| Parameter | Units | 3567895004 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | 5.0U | 5.0U | | 20 | |
| Alkalinity, Total as CaCO3 | mg/L | 30.8 | 30.3 | 1 | 20 | |
| Alkalinity,Bicarbonate (CaCO3) | mg/L | 30.8 | 30.3 | 1 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WET/15145 Analysis Method: SM 2320B
QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
Associated Lab Samples: 3567547016, 3567547017, 3567547018

METHOD BLANK: 467507 Matrix: Water
Associated Lab Samples: 3567547016, 3567547017, 3567547018

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | 5.0U | 5.0 | 09/18/12 18:23 | |
| Alkalinity, Total as CaCO3 | mg/L | 5.0U | 5.0 | 09/18/12 18:23 | |
| Alkalinity,Bicarbonate (CaCO3) | mg/L | 5.0U | 5.0 | 09/18/12 18:23 | |

LABORATORY CONTROL SAMPLE: 467508

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Total as CaCO3 | mg/L | 250 | 248 | 99 | 90-110 | |

SAMPLE DUPLICATE: 467509

| Parameter | Units | 3568058001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | 5.0U | 5.0U | | 20 | |
| Alkalinity, Total as CaCO3 | mg/L | 85.3 | 86.5 | 1 | 20 | |
| Alkalinity,Bicarbonate (CaCO3) | mg/L | 85.3 | 86.5 | 1 | 20 | |

SAMPLE DUPLICATE: 467510

| Parameter | Units | 3567896001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | 5.0U | 5.0U | | 20 | |
| Alkalinity, Total as CaCO3 | mg/L | 142 | 142 | .4 | 20 | |
| Alkalinity,Bicarbonate (CaCO3) | mg/L | 142 | 142 | .4 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WET/15169
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Associated Lab Samples: 3567547015, 3567547020

METHOD BLANK: 468350 Matrix: Water
Associated Lab Samples: 3567547015, 3567547020

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | 5.0U | 5.0 | 09/19/12 17:19 | |
| Alkalinity, Total as CaCO3 | mg/L | 5.0U | 5.0 | 09/19/12 17:19 | |
| Alkalinity,Bicarbonate (CaCO3) | mg/L | 5.0U | 5.0 | 09/19/12 17:19 | |

LABORATORY CONTROL SAMPLE: 468351

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Total as CaCO3 | mg/L | 250 | 242 | 97 | 90-110 | |

SAMPLE DUPLICATE: 468352

| Parameter | Units | 3568200001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | 5.0U | 5.0U | | 20 | |
| Alkalinity, Total as CaCO3 | mg/L | 182 | 183 | .8 | 20 | |
| Alkalinity,Bicarbonate (CaCO3) | mg/L | 182 | 183 | .8 | 20 | |

SAMPLE DUPLICATE: 468353

| Parameter | Units | 3568205002 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | 5.0U | 5.0U | | 20 | |
| Alkalinity, Total as CaCO3 | mg/L | 48.2 | 48.4 | .4 | 20 | |
| Alkalinity,Bicarbonate (CaCO3) | mg/L | 48.2 | 48.4 | .4 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WET/15170
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Associated Lab Samples: 3567547021, 3567547022

METHOD BLANK: 468355
Matrix: Water
Associated Lab Samples: 3567547021, 3567547022

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | 5.0U | 5.0 | 09/19/12 21:01 | |
| Alkalinity, Total as CaCO3 | mg/L | 5.0U | 5.0 | 09/19/12 21:01 | |
| Alkalinity,Bicarbonate (CaCO3) | mg/L | 5.0U | 5.0 | 09/19/12 21:01 | |

LABORATORY CONTROL SAMPLE: 468356

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Total as CaCO3 | mg/L | 250 | 239 | 96 | 90-110 | |

SAMPLE DUPLICATE: 468626

| Parameter | Units | 3568299001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | 5.0U | 5.0U | | 20 | |
| Alkalinity, Total as CaCO3 | mg/L | 20.5 | 20.6 | .5 | 20 | |
| Alkalinity,Bicarbonate (CaCO3) | mg/L | 20.5 | 20.6 | .5 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WET/15222
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Associated Lab Samples: 3567547023

METHOD BLANK: 470415 Matrix: Water
Associated Lab Samples: 3567547023

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | 5.0U | 5.0 | 09/21/12 18:14 | |
| Alkalinity, Total as CaCO3 | mg/L | 5.0U | 5.0 | 09/21/12 18:14 | |
| Alkalinity,Bicarbonate (CaCO3) | mg/L | 5.0U | 5.0 | 09/21/12 18:14 | |

LABORATORY CONTROL SAMPLE: 470416

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Total as CaCO3 | mg/L | 250 | 240 | 96 | 90-110 | |

SAMPLE DUPLICATE: 470418

| Parameter | Units | 3568477002 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | 5.0U | 5.0U | | 20 | |
| Alkalinity, Total as CaCO3 | mg/L | 66.4 | 66.9 | .7 | 20 | |
| Alkalinity,Bicarbonate (CaCO3) | mg/L | 66.4 | 66.9 | .7 | 20 | |

SAMPLE DUPLICATE: 470730

| Parameter | Units | 3568365002 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | <5.0 | 5.0U | | 20 | |
| Alkalinity, Total as CaCO3 | mg/L | 126 | 127 | .9 | 20 | |
| Alkalinity,Bicarbonate (CaCO3) | mg/L | 126 | 127 | .9 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WET/15264
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Associated Lab Samples: 3567547025, 3567547027

METHOD BLANK: 471786 Matrix: Water
Associated Lab Samples: 3567547025, 3567547027

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | 5.0U | 5.0 | 09/24/12 22:10 | |
| Alkalinity, Total as CaCO3 | mg/L | 5.0U | 5.0 | 09/24/12 22:10 | |

LABORATORY CONTROL SAMPLE: 471787

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Total as CaCO3 | mg/L | 250 | 239 | 96 | 90-110 | |

SAMPLE DUPLICATE: 471789

| Parameter | Units | 3568195001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | 22.4 | 25.2 | 12 | 20 | |
| Alkalinity, Total as CaCO3 | mg/L | 135 | 135 | .1 | 20 | |

SAMPLE DUPLICATE: 471817

| Parameter | Units | 3568608002 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | <5.0 | 5.0U | | 20 | |
| Alkalinity, Total as CaCO3 | mg/L | 300 | 305 | 2 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WET/15290 Analysis Method: SM 2320B
QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
Associated Lab Samples: 3567547029, 3567547033, 3567547034, 3567547036

METHOD BLANK: 472532 Matrix: Water
Associated Lab Samples: 3567547029, 3567547033, 3567547034, 3567547036

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | 5.0U | 5.0 | 09/25/12 19:00 | |
| Alkalinity, Total as CaCO3 | mg/L | 5.0U | 5.0 | 09/25/12 19:00 | |
| Alkalinity,Bicarbonate (CaCO3) | mg/L | 5.0U | 5.0 | 09/25/12 19:00 | |

LABORATORY CONTROL SAMPLE: 472533

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Total as CaCO3 | mg/L | 250 | 243 | 97 | 90-110 | |

SAMPLE DUPLICATE: 472534

| Parameter | Units | 3568853001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | 5.0U | 5.0U | | 20 | |
| Alkalinity, Total as CaCO3 | mg/L | 116 | 116 | .6 | 20 | |
| Alkalinity,Bicarbonate (CaCO3) | mg/L | 116 | 116 | .6 | 20 | |

SAMPLE DUPLICATE: 472535

| Parameter | Units | 3568874003 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | <5.0 | 5.0U | | 20 | |
| Alkalinity, Total as CaCO3 | mg/L | 213 | 211 | .9 | 20 | |
| Alkalinity,Bicarbonate (CaCO3) | mg/L | 213 | 211 | .9 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WET/15336 Analysis Method: SM 2320B
QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
Associated Lab Samples: 3567547031

METHOD BLANK: 474376 Matrix: Water
Associated Lab Samples: 3567547031

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | 5.0U | 5.0 | 09/27/12 18:22 | |
| Alkalinity, Total as CaCO3 | mg/L | 5.0U | 5.0 | 09/27/12 18:22 | |

LABORATORY CONTROL SAMPLE: 474377

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Total as CaCO3 | mg/L | 250 | 251 | 100 | 90-110 | |

SAMPLE DUPLICATE: 474378

| Parameter | Units | 3569044001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | 5.0U | 5.0U | | 20 | |
| Alkalinity, Total as CaCO3 | mg/L | 198 | 196 | .8 | 20 | |

SAMPLE DUPLICATE: 474379

| Parameter | Units | 3569203005 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Alkalinity, Carbonate (CaCO3) | mg/L | | 5.0U | 6 | 20 | |
| Alkalinity, Total as CaCO3 | mg/L | 53.5 | 54.1 | 1 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WET/15085 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 3567547001, 3567547002, 3567547003, 3567547004, 3567547005, 3567547006

METHOD BLANK: 464945 Matrix: Water
Associated Lab Samples: 3567547001, 3567547002, 3567547003, 3567547004, 3567547005, 3567547006

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 5.0U | 5.0 | 09/18/12 12:22 | |

LABORATORY CONTROL SAMPLE: 464946

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

SAMPLE DUPLICATE: 464947

| Parameter | Units | 3567530002 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 1440 | 1360 | 6 | 20 | |

SAMPLE DUPLICATE: 464948

| Parameter | Units | 3567533001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 7580 | 7720 | 2 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WET/15130 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 3567547008, 3567547009, 3567547011, 3567547012, 3567547013, 3567547014

METHOD BLANK: 466744 Matrix: Water
Associated Lab Samples: 3567547008, 3567547009, 3567547011, 3567547012, 3567547013, 3567547014

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 5.0U | 5.0 | 09/18/12 15:05 | |

LABORATORY CONTROL SAMPLE: 466745

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 300 | 312 | 104 | 90-110 | |

SAMPLE DUPLICATE: 466746

| Parameter | Units | 3567711001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 250 | 254 | 2 | 20 | |

SAMPLE DUPLICATE: 466747

| Parameter | Units | 3567575003 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 2150 | 2220 | 3 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WET/15182 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 3567547015, 3567547016, 3567547017, 3567547018

METHOD BLANK: 468923 Matrix: Water
Associated Lab Samples: 3567547015, 3567547016, 3567547017, 3567547018

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 5.0U | 5.0 | 09/20/12 15:08 | |

LABORATORY CONTROL SAMPLE: 468924

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 300 | 311 | 104 | 90-110 | |

SAMPLE DUPLICATE: 468925

| Parameter | Units | 3567754003 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 2070 | 2140 | 3 | 20 | |

SAMPLE DUPLICATE: 468926

| Parameter | Units | 3567990002 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 4100 | 4230 | 3 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WET/15183 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 3567547020, 3567547021, 3567547022, 3567547023

METHOD BLANK: 468927 Matrix: Water
Associated Lab Samples: 3567547020, 3567547021, 3567547022, 3567547023

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 5.0U | 5.0 | 09/20/12 15:15 | |

LABORATORY CONTROL SAMPLE: 468928

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

SAMPLE DUPLICATE: 468929

| Parameter | Units | 3567871003 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 2280 | 2260 | 1 | 20 | |

SAMPLE DUPLICATE: 468930

| Parameter | Units | 3567904004 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 591 | 602 | 2 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WET/15212 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

METHOD BLANK: 469847 Matrix: Water
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 5.0U | 5.0 | 09/21/12 15:21 | |

LABORATORY CONTROL SAMPLE: 469848

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 300 | 303 | 101 | 90-110 | |

SAMPLE DUPLICATE: 469849

| Parameter | Units | 3567547031 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 50.0U | 50.0U | | 20 | |

SAMPLE DUPLICATE: 469850

| Parameter | Units | 3568297002 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 189 | 192 | 2 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WET/15293 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 3567547033, 3567547034, 3567547036

METHOD BLANK: 472885 Matrix: Water
Associated Lab Samples: 3567547033, 3567547034, 3567547036

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 5.0U | 5.0 | 09/26/12 13:43 | |

LABORATORY CONTROL SAMPLE: 472886

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 300 | 307 | 102 | 90-110 | |

SAMPLE DUPLICATE: 472887

| Parameter | Units | 3568439002 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 36000 | 36500 | 1 | 20 | |

SAMPLE DUPLICATE: 472888

| Parameter | Units | 3568672001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 8580 | 8640 | .7 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WET/15234 Analysis Method: SM 2540D
QC Batch Method: SM 2540D Analysis Description: 2540D Total Suspended Solids
Associated Lab Samples: 3567547033, 3567547034, 3567547036

METHOD BLANK: 470932 Matrix: Water
Associated Lab Samples: 3567547033, 3567547034, 3567547036

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Total Suspended Solids | mg/L | 5.0U | 5.0 | 09/24/12 09:40 | |

LABORATORY CONTROL SAMPLE: 470933

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Total Suspended Solids | mg/L | 100 | 101 | 101 | 90-110 | |

SAMPLE DUPLICATE: 470934

| Parameter | Units | 3568731003 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Total Suspended Solids | mg/L | 5.0U | 5.0U | | 20 | |

SAMPLE DUPLICATE: 470935

| Parameter | Units | 3568251002 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Total Suspended Solids | mg/L | 147 | 136 | 8 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WET/15168
QC Batch Method: SM 4500-S2E
Analysis Method: SM 4500-S2E
Analysis Description: 4500S2E Sulfide, Iodometric
Associated Lab Samples: 3567547025, 3567547029

METHOD BLANK: 468346 Matrix: Water
Associated Lab Samples: 3567547025, 3567547029

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Sulfide | mg/L | 1.0U | 1.0 | 09/19/12 15:30 | |

LABORATORY CONTROL SAMPLE: 468347

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Sulfide | mg/L | 6 | 5.6 | 93 | 80-120 | |

MATRIX SPIKE SAMPLE: 468349

| Parameter | Units | 3567547025 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Sulfide | mg/L | 1.0U | 6 | 5.4 | 90 | 80-120 | |

SAMPLE DUPLICATE: 468348

| Parameter | Units | 3568238001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Sulfide | mg/L | 3.7 | 3.9 | 4 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WET/15196
QC Batch Method: SM 4500-S2E
Analysis Method: SM 4500-S2E
Analysis Description: 4500S2E Sulfide, Iodometric
Associated Lab Samples: 3567547027, 3567547031

METHOD BLANK: 469319 Matrix: Water
Associated Lab Samples: 3567547027, 3567547031

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Sulfide | mg/L | 1.0U | 1.0 | 09/20/12 15:00 | |

LABORATORY CONTROL SAMPLE: 469320

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Sulfide | mg/L | 6 | 5.8 | 96 | 80-120 | |

MATRIX SPIKE SAMPLE: 469322

| Parameter | Units | 3568238003 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Sulfide | mg/L | 1.2 | 6 | 5.9 | 79 | 80-120 | J(M2) |

SAMPLE DUPLICATE: 469321

| Parameter | Units | 3568238002 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Sulfide | mg/L | 1.0U | 1.0U | | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WET/15171 Analysis Method: SM 5210B
QC Batch Method: SM 5210B Analysis Description: 5210B BOD, 5 day
Associated Lab Samples: 3567547025, 3567547027

METHOD BLANK: 468404 Matrix: Water
Associated Lab Samples: 3567547025, 3567547027

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| BOD, 5 day | mg/L | 2.0U | 2.0 | 09/24/12 18:25 | |

LABORATORY CONTROL SAMPLE: 468405

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| BOD, 5 day | mg/L | 198 | 208 | 105 | 85-115 | |

SAMPLE DUPLICATE: 468406

| Parameter | Units | 3568258001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| BOD, 5 day | mg/L | 2.9 | 2.9 | 0 | 20 | Q |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WET/15185 Analysis Method: SM 5210B
QC Batch Method: SM 5210B Analysis Description: 5210B BOD, 5 day
Associated Lab Samples: 3567547029, 3567547031, 3567547033, 3567547034, 3567547036

METHOD BLANK: 468949 Matrix: Water
Associated Lab Samples: 3567547029, 3567547031, 3567547033, 3567547034, 3567547036

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| BOD, 5 day | mg/L | 2.0U | 2.0 | 09/25/12 20:01 | |

LABORATORY CONTROL SAMPLE: 468950

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| BOD, 5 day | mg/L | 198 | 200 | 101 | 85-115 | |

SAMPLE DUPLICATE: 468951

| Parameter | Units | 3567547029 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| BOD, 5 day | mg/L | 19.7 | 21.7 | 10 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WET/15180 Analysis Method: SM10200
QC Batch Method: SM10200 Analysis Description: Chlorophyll & Pheophytin
Associated Lab Samples: 3567547033, 3567547034, 3567547036

METHOD BLANK: 468889 Matrix: Water
Associated Lab Samples: 3567547033, 3567547034, 3567547036

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Chlorophyll a | ug/L | 1.0U | 1.0 | 09/21/12 22:33 | |

SAMPLE DUPLICATE: 468890

| Parameter | Units | 3567547036 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Chlorophyll a | ug/L | 1.0U | 1.0U | | 40 | |

SAMPLE DUPLICATE: 468891

| Parameter | Units | 3568199001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Chlorophyll a | ug/L | 2.2 mg/m3 | 2.1 | 5 | 40 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/19941 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3567547005, 3567547006

METHOD BLANK: 464118 Matrix: Water
Associated Lab Samples: 3567547005, 3567547006

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Nitrate as N | mg/L | 0.025U | 0.050 | 09/12/12 11:28 | |
| Nitrite as N | mg/L | 0.025U | 0.050 | 09/12/12 11:28 | |
| Nitrogen, NO2 plus NO3 | mg/L | 0.025U | 0.050 | 09/12/12 11:28 | |

LABORATORY CONTROL SAMPLE: 464119

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrate as N | mg/L | 5 | 4.9 | 98 | 90-110 | |
| Nitrite as N | mg/L | 5 | 4.8 | 96 | 90-110 | |
| Nitrogen, NO2 plus NO3 | mg/L | 10 | 9.7 | 97 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 464120 464121

| Parameter | Units | 3567520001 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 | 4.6 | 4.7 | 92 | 93 | 90-110 | .9 | 20 | |
| Nitrite as N | mg/L | 0.025U | 5 | 5 | 4.5 | 4.5 | 90 | 91 | 90-110 | .2 | 20 | |
| Nitrogen, NO2 plus NO3 | mg/L | 0.025U | 10 | 10 | 9.1 | 9.2 | 91 | 92 | 90-110 | .5 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 464122 464123

| Parameter | Units | 3567523003 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 | 2.9 | 2.7 | 58 | 53 | 90-110 | 8 | 20 | J(M1) |
| Nitrite as N | mg/L | 0.025U | 5 | 5 | 5.1 | 5.2 | 103 | 103 | 90-110 | .7 | 20 | |
| Nitrogen, NO2 plus NO3 | mg/L | 0.025U | 10 | 10 | 8.0 | 7.8 | 80 | 78 | 90-110 | 2 | 20 | J(M1) |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/19942 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3567547001, 3567547002, 3567547003, 3567547004

METHOD BLANK: 464125 Matrix: Water
Associated Lab Samples: 3567547001, 3567547002, 3567547003, 3567547004

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Nitrate as N | mg/L | 0.025U | 0.050 | 09/12/12 18:21 | |
| Nitrite as N | mg/L | 0.025U | 0.050 | 09/12/12 18:21 | |
| Nitrogen, NO2 plus NO3 | mg/L | 0.025U | 0.050 | 09/12/12 18:21 | |

LABORATORY CONTROL SAMPLE: 464126

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrate as N | mg/L | 5 | 4.8 | 97 | 90-110 | |
| Nitrite as N | mg/L | 5 | 4.8 | 96 | 90-110 | |
| Nitrogen, NO2 plus NO3 | mg/L | 10 | 9.6 | 96 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 464127 464128

| Parameter | Units | 3567519001 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 | 4.6 | 4.6 | 91 | 91 | 90-110 | .04 | 20 | |
| Nitrite as N | mg/L | 0.025U | 5 | 5 | 4.4 | 4.5 | 89 | 89 | 90-110 | .2 | 20 | J(M1) |
| Nitrogen, NO2 plus NO3 | mg/L | 0.025U | 10 | 10 | 9.0 | 9.0 | 90 | 90 | 90-110 | .1 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 464129 464130

| Parameter | Units | 3567547003 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 | 4.6 | 4.7 | 92 | 93 | 90-110 | 1 | 20 | |
| Nitrite as N | mg/L | 0.025U | 5 | 5 | 4.5 | 4.5 | 91 | 91 | 90-110 | .2 | 20 | |
| Nitrogen, NO2 plus NO3 | mg/L | 0.025U | 10 | 10 | 9.1 | 9.2 | 91 | 92 | 90-110 | .6 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/20010 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3567547008, 3567547009, 3567547015

METHOD BLANK: 465491 Matrix: Water
Associated Lab Samples: 3567547008, 3567547009, 3567547015

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Nitrate as N | mg/L | 0.025U | 0.050 | 09/14/12 12:08 | |
| Nitrite as N | mg/L | 0.025U | 0.050 | 09/14/12 12:08 | |
| Nitrogen, NO2 plus NO3 | mg/L | 0.025U | 0.050 | 09/14/12 12:08 | |

LABORATORY CONTROL SAMPLE: 465492

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrate as N | mg/L | 5 | 4.9 | 98 | 90-110 | |
| Nitrite as N | mg/L | 5 | 4.7 | 94 | 90-110 | |
| Nitrogen, NO2 plus NO3 | mg/L | 10 | 9.6 | 96 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 465493 465494

| Parameter | Units | 3567843008 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 | 0.51 | 5 | 5 | 5.3 | 5.3 | 96 | 97 | 90-110 | .1 | 20 | |
| Nitrite as N | mg/L | 0.025U | 5 | 5 | 4.6 | 4.6 | 93 | 93 | 90-110 | .08 | 20 | |
| Nitrogen, NO2 plus NO3 | mg/L | 0.51 | 10 | 10 | 10 | 10 | 95 | 95 | 90-110 | .09 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 465495 465496

| Parameter | Units | 3567843009 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 | 4.8 | 4.8 | 95 | 96 | 90-110 | .8 | 20 | |
| Nitrite as N | mg/L | 0.025U | 5 | 5 | 4.6 | 4.6 | 92 | 92 | 90-110 | .07 | 20 | |
| Nitrogen, NO2 plus NO3 | mg/L | 0.025U | 10 | 10 | 9.4 | 9.4 | 94 | 94 | 90-110 | .4 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/20035 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3567547016, 3567547017, 3567547018

METHOD BLANK: 465745 Matrix: Water
Associated Lab Samples: 3567547016, 3567547017, 3567547018

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Nitrate as N | mg/L | 0.025U | 0.050 | 09/14/12 16:23 | |
| Nitrite as N | mg/L | 0.025U | 0.050 | 09/14/12 16:23 | |
| Nitrogen, NO2 plus NO3 | mg/L | 0.025U | 0.050 | 09/14/12 16:23 | |

LABORATORY CONTROL SAMPLE: 465746

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrate as N | mg/L | 5 | 4.9 | 98 | 90-110 | |
| Nitrite as N | mg/L | 5 | 4.7 | 94 | 90-110 | |
| Nitrogen, NO2 plus NO3 | mg/L | 10 | 9.6 | 96 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 465747 465748

| Parameter | Units | 3567739001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | mg/L | 7.9 | 5 | 5 | 13.5 | 13.5 | 114 | 114 | 90-110 | .04 | 20 | J(M1) |
| Nitrite as N | mg/L | 0.025U | 5 | 5 | 4.5 | 4.5 | 91 | 90 | 90-110 | .7 | 20 | |
| Nitrogen, NO2 plus NO3 | mg/L | 7.9 | 10 | 10 | 18.1 | 18.0 | 102 | 102 | 90-110 | .1 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 466242 466243

| Parameter | Units | 92131306001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | mg/L | | | | 6.3 | 6.4 | | | | .2 | 20 | Q |
| Nitrite as N | mg/L | | | | 4.5 | 4.5 | | | | .1 | 20 | Q |
| Nitrogen, NO2 plus NO3 | mg/L | | | | 10.9 | 10.9 | | | | .2 | 20 | Q |



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

Pace Analytical®
www.pacelabs.com

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/20038 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3567547020, 3567547021, 3567547022

METHOD BLANK: 466305 Matrix: Water
Associated Lab Samples: 3567547020, 3567547021, 3567547022

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Nitrate as N | mg/L | 0.025U | 0.050 | 09/15/12 10:00 | |
| Nitrite as N | mg/L | 0.025U | 0.050 | 09/15/12 10:00 | |
| Nitrogen, NO2 plus NO3 | mg/L | 0.025U | 0.050 | 09/15/12 10:00 | |

LABORATORY CONTROL SAMPLE: 466306

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrate as N | mg/L | 5 | 4.9 | 99 | 90-110 | |
| Nitrite as N | mg/L | 5 | 4.7 | 94 | 90-110 | |
| Nitrogen, NO2 plus NO3 | mg/L | 10 | 9.6 | 96 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 466307 466308

| Parameter | Units | 3567547020 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 | 0.25U | 50 | 50 | 47.1 | 47.7 | 94 | 95 | 90-110 | 1 | 20 | |
| Nitrite as N | mg/L | 0.25U | 50 | 50 | 44.9 | 44.9 | 90 | 90 | 90-110 | .09 | 20 | |
| Nitrogen, NO2 plus NO3 | mg/L | 0.25U | 100 | 100 | 92.0 | 92.6 | 92 | 93 | 90-110 | .6 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 466309 466310

| Parameter | Units | 3567547021 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 | 0.050U | 10 | 10 | 9.5 | 9.5 | 95 | 95 | 90-110 | .1 | 20 | |
| Nitrite as N | mg/L | 0.050U | 10 | 10 | 8.9 | 8.9 | 89 | 89 | 90-110 | .1 | 20 | J(M1) |
| Nitrogen, NO2 plus NO3 | mg/L | 0.050U | 20 | 20 | 18.5 | 18.5 | 92 | 92 | 90-110 | .1 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/20039
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3567547023

METHOD BLANK: 466311 Matrix: Water
Associated Lab Samples: 3567547023

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Nitrate as N | mg/L | 0.025U | 0.050 | 09/15/12 18:54 | |
| Nitrite as N | mg/L | 0.025U | 0.050 | 09/15/12 18:54 | |
| Nitrogen, NO2 plus NO3 | mg/L | 0.025U | 0.050 | 09/15/12 18:54 | |

LABORATORY CONTROL SAMPLE: 466312

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrate as N | mg/L | 5 | 5.0 | 100 | 90-110 | |
| Nitrite as N | mg/L | 5 | 4.7 | 94 | 90-110 | |
| Nitrogen, NO2 plus NO3 | mg/L | 10 | 9.7 | 97 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 466313 466314

| Parameter | Units | 3567547023 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 | 4.8 | 4.8 | 96 | 96 | 90-110 | .1 | 20 | |
| Nitrite as N | mg/L | 0.025U | 5 | 5 | 4.5 | 4.5 | 90 | 90 | 90-110 | .03 | 20 | |
| Nitrogen, NO2 plus NO3 | mg/L | 0.025U | 10 | 10 | 9.3 | 9.3 | 93 | 93 | 90-110 | .08 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 466315 466316

| Parameter | Units | 3567990005 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 | 0.050U | 10 | 10 | 9.1 | 9.1 | 91 | 91 | 90-110 | .5 | 20 | |
| Nitrite as N | mg/L | 0.050U | 10 | 10 | 9.0 | 9.0 | 90 | 90 | 90-110 | .3 | 20 | |
| Nitrogen, NO2 plus NO3 | mg/L | 0.050U | 20 | 20 | 18.1 | 18.1 | 90 | 91 | 90-110 | .4 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/20127 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

METHOD BLANK: 468522 Matrix: Water
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Nitrate as N | mg/L | 0.025U | 0.050 | 09/19/12 09:43 | |
| Nitrite as N | mg/L | 0.025U | 0.050 | 09/19/12 09:43 | |
| Nitrogen, NO2 plus NO3 | mg/L | 0.025U | 0.050 | 09/19/12 09:43 | |

LABORATORY CONTROL SAMPLE: 468523

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrate as N | mg/L | 5 | 4.9 | 98 | 90-110 | |
| Nitrite as N | mg/L | 5 | 4.8 | 96 | 90-110 | |
| Nitrogen, NO2 plus NO3 | mg/L | 10 | 9.7 | 97 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 468524 468525

| Parameter | Units | 3568193007 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 | 0.27 | 10 | 10 | 9.4 | 9.4 | 91 | 91 | 90-110 | .02 | 20 | |
| Nitrite as N | mg/L | 0.050U | 10 | 10 | 8.9 | 8.9 | 89 | 89 | 90-110 | .8 | 20 | J(M1) |
| Nitrogen, NO2 plus NO3 | mg/L | 0.27 | 20 | 20 | 18.3 | 18.3 | 90 | 90 | 90-110 | .4 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 468526 468527

| Parameter | Units | 3568209002 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrate as N | mg/L | 7.2 | 5 | 5 | 12.7 | 12.7 | 109 | 109 | 90-110 | .005 | 20 | |
| Nitrite as N | mg/L | 0.025U | 5 | 5 | 4.5 | 4.4 | 89 | 89 | 90-110 | .2 | 20 | J(M1) |
| Nitrogen, NO2 plus NO3 | mg/L | 7.2 | 10 | 10 | 17.1 | 17.1 | 99 | 99 | 90-110 | .05 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/20147 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3567547033, 3567547034

METHOD BLANK: 469140 Matrix: Water
Associated Lab Samples: 3567547033, 3567547034

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Nitrate as N | mg/L | 0.025U | 0.050 | 09/20/12 10:19 | |
| Nitrite as N | mg/L | 0.025U | 0.050 | 09/20/12 10:19 | |
| Nitrogen, NO2 plus NO3 | mg/L | 0.025U | 0.050 | 09/20/12 10:19 | |

LABORATORY CONTROL SAMPLE: 469141

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrate as N | mg/L | 5 | 4.9 | 98 | 90-110 | |
| Nitrite as N | mg/L | 5 | 4.7 | 94 | 90-110 | |
| Nitrogen, NO2 plus NO3 | mg/L | 10 | 9.6 | 96 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 469142 469143

| Parameter | Units | 3567547033 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 | 94 | 94 | 90-110 | .1 | 20 | |
| Nitrite as N | mg/L | 0.025U | 5 | 5 | 4.5 | 4.5 | 90 | 90 | 90-110 | .3 | 20 | |
| Nitrogen, NO2 plus NO3 | mg/L | 0.025U | 10 | 10 | 9.2 | 9.2 | 92 | 92 | 90-110 | .2 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 469144 469145

| Parameter | Units | 3568300001 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 | 0.15 | 5 | 5 | 4.9 | 4.9 | 94 | 95 | 90-110 | .2 | 20 | |
| Nitrite as N | mg/L | 0.025U | 5 | 5 | 4.6 | 4.6 | 92 | 92 | 90-110 | .08 | 20 | |
| Nitrogen, NO2 plus NO3 | mg/L | 0.15 | 10 | 10 | 9.5 | 9.5 | 93 | 93 | 90-110 | .2 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/20152 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3567547036

METHOD BLANK: 469523 Matrix: Water
Associated Lab Samples: 3567547036

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Nitrate as N | mg/L | 0.025U | 0.050 | 09/20/12 22:27 | |

LABORATORY CONTROL SAMPLE: 469524

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 469525 469526

| Parameter | Units | 3568176017 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 | 94 | 94 | 90-110 | .1 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 469527 469528

| Parameter | Units | 3568434001 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 | 0.50U | 100 | 100 | 89.1 | 89.3 | 89 | 89 | 90-110 | .3 | 20 | M6 |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/19944 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3567547005, 3567547006

METHOD BLANK: 464138 Matrix: Water
Associated Lab Samples: 3567547005, 3567547006

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Chloride | mg/L | 2.5U | 5.0 | 09/12/12 11:28 | |
| Sulfate | mg/L | 2.5U | 5.0 | 09/12/12 11:28 | |

LABORATORY CONTROL SAMPLE: 464139

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Chloride | mg/L | 50 | 47.7 | 95 | 90-110 | |
| Sulfate | mg/L | 50 | 46.8 | 94 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 464140 464141

| Parameter | Units | 3567520001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | mg/L | 31.5 | 50 | 50 | 81.4 | 81.5 | 100 | 100 | 90-110 | .03 | 20 | |
| Sulfate | mg/L | 26.5 | 50 | 50 | 76.4 | 76.4 | 100 | 100 | 90-110 | .09 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 464142 464143

| Parameter | Units | 3567523003 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | mg/L | 94.9 | 50 | 50 | 145 | 145 | 101 | 101 | 90-110 | .01 | 20 | |
| Sulfate | mg/L | 16.4 | 50 | 50 | 63.9 | 64.2 | 95 | 96 | 90-110 | .4 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/19945 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3567547001, 3567547002, 3567547003, 3567547004

METHOD BLANK: 464144 Matrix: Water
Associated Lab Samples: 3567547001, 3567547002, 3567547003, 3567547004

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Chloride | mg/L | 2.5U | 5.0 | 09/12/12 18:21 | |
| Sulfate | mg/L | 2.5U | 5.0 | 09/12/12 18:21 | |

LABORATORY CONTROL SAMPLE: 464145

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Chloride | mg/L | 50 | 47.5 | 95 | 90-110 | |
| Sulfate | mg/L | 50 | 46.7 | 93 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 464146 464147

| Parameter | Units | 3567519001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | mg/L | 49.8 | 50 | 50 | 99.4 | 99.5 | 99 | 99 | 90-110 | .04 | 20 | |
| Sulfate | mg/L | 22.3 | 50 | 50 | 70.8 | 70.9 | 97 | 97 | 90-110 | .05 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 464148 464149

| Parameter | Units | 3567547003 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | mg/L | 10.4 | 50 | 50 | 60.0 | 60.0 | 99 | 99 | 90-110 | .06 | 20 | |
| Sulfate | mg/L | 4.6 I | 50 | 50 | 50.0 | 50.1 | 91 | 91 | 90-110 | .2 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/20036 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3567547008, 3567547009, 3567547015, 3567547016, 3567547017, 3567547018

METHOD BLANK: 466188 Matrix: Water
Associated Lab Samples: 3567547008, 3567547009, 3567547015, 3567547016, 3567547017, 3567547018

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Chloride | mg/L | 2.5U | 5.0 | 09/14/12 12:08 | |
| Sulfate | mg/L | 2.5U | 5.0 | 09/14/12 12:08 | |

LABORATORY CONTROL SAMPLE: 466189

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Chloride | mg/L | 50 | 47.6 | 95 | 90-110 | |
| Sulfate | mg/L | 50 | 46.7 | 93 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 466190 466191

| Parameter | Units | 3567843008 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | mg/L | 10.4 | 50 | 50 | 60.2 | 60.3 | 100 | 100 | 90-110 | .05 | 20 | |
| Sulfate | mg/L | 65.8 | 50 | 50 | 122 | 122 | 112 | 112 | 90-110 | .1 | 20 | J(M1) |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 466192 466193

| Parameter | Units | 3567843009 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | mg/L | 14.1 | 50 | 50 | 64.2 | 64.2 | 100 | 100 | 90-110 | .03 | 20 | |
| Sulfate | mg/L | 2.5U | 50 | 50 | 45.7 | 45.6 | 91 | 91 | 90-110 | .05 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/20041 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3567547020, 3567547021, 3567547022, 3567547023

METHOD BLANK: 466323 Matrix: Water
Associated Lab Samples: 3567547020, 3567547021, 3567547022, 3567547023

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Chloride | mg/L | 2.5U | 5.0 | 09/15/12 10:00 | |
| Sulfate | mg/L | 2.5U | 5.0 | 09/15/12 10:00 | |

LABORATORY CONTROL SAMPLE: 466324

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Chloride | mg/L | 50 | 47.7 | 95 | 90-110 | |
| Sulfate | mg/L | 50 | 46.9 | 94 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 466325 466326

| Parameter | Units | 3567547020 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | mg/L | 51.5 | 500 | 500 | 525 | 526 | 95 | 95 | 90-110 | .09 | 20 | |
| Sulfate | mg/L | 601 | 500 | 500 | 1150 | 1150 | 110 | 111 | 90-110 | .2 | 20 | M6 |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/20131 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

METHOD BLANK: 468551 Matrix: Water
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Chloride | mg/L | 2.5U | 5.0 | 09/19/12 09:43 | |
| Sulfate | mg/L | 2.5U | 5.0 | 09/19/12 09:43 | |

LABORATORY CONTROL SAMPLE: 468552

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Chloride | mg/L | 50 | 48.3 | 97 | 90-110 | |
| Sulfate | mg/L | 50 | 47.3 | 95 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 468553 468554

| Parameter | Units | 3568193007 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | mg/L | 165 | 100 | 100 | 265 | 265 | 100 | 100 | 90-110 | .03 | 20 | |
| Sulfate | mg/L | 38.9 | 100 | 100 | 137 | 137 | 98 | 98 | 90-110 | .05 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 469042 469043

| Parameter | Units | 3568209002 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | mg/L | 90.3 | 50 | 50 | 142 | 142 | 103 | 103 | 90-110 | .2 | 20 | |
| Sulfate | mg/L | 27.6 | 50 | 50 | 77.8 | 77.8 | 100 | 100 | 90-110 | .009 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/20154 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3567547033, 3567547034, 3567547036

METHOD BLANK: 469548 Matrix: Water
Associated Lab Samples: 3567547033, 3567547034, 3567547036

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Sulfate | mg/L | 2.5U | 5.0 | 09/20/12 10:19 | |

LABORATORY CONTROL SAMPLE: 469549

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Sulfate | mg/L | 50 | 47.1 | 94 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 469550 469551

| Parameter | Units | 3567547033 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | mg/L | 34.2 | 50 | 50 | 85.7 | 85.7 | 103 | 103 | 90-110 | .04 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 469560 469561

| Parameter | Units | 3568300001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sulfate | mg/L | 2.5U | 50 | 50 | 48.0 | 48.0 | 93 | 92 | 90-110 | .01 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/20310 Analysis Method: EPA 335.4
QC Batch Method: EPA 335.4 Analysis Description: 335.4 Cyanide, Total
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

METHOD BLANK: 473089 Matrix: Water
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Cyanide | mg/L | 0.0050U | 0.010 | 09/27/12 09:36 | |

LABORATORY CONTROL SAMPLE: 473090

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Cyanide | mg/L | .05 | 0.052 | 105 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 473091 473092

| Parameter | Units | 3568544001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cyanide | mg/L | 0.022 | .05 | .05 | 0.072 | 0.072 | 100 | 100 | 90-110 | .2 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 473093 473094

| Parameter | Units | 3567547025 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cyanide | mg/L | 0.0050 U | .05 | .05 | 0.057 | 0.053 | 113 | 105 | 90-110 | 7 | 20 | J(M1) |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/19954 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3567547001, 3567547002, 3567547003, 3567547004, 3567547005, 3567547006

METHOD BLANK: 464354 Matrix: Water
Associated Lab Samples: 3567547001, 3567547002, 3567547003, 3567547004, 3567547005, 3567547006

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Nitrogen, Ammonia | mg/L | 0.020U | 0.050 | 09/13/12 09:53 | |

LABORATORY CONTROL SAMPLE: 464355

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, Ammonia | mg/L | 1 | 1.0 | 104 | 90-110 | |

MATRIX SPIKE SAMPLE: 464357

| Parameter | Units | 3567671001 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Nitrogen, Ammonia | mg/L | 13.7 | 1 | 15.4 | 168 | 90-110 | J(M1) |

SAMPLE DUPLICATE: 464356

| Parameter | Units | 3567671001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, Ammonia | mg/L | 13.7 | 13.6 | .7 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/20292 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3567547008, 3567547009, 3567547011, 3567547012, 3567547013, 3567547014, 3567547015, 3567547016, 3567547017, 3567547018

METHOD BLANK: 472761 Matrix: Water
Associated Lab Samples: 3567547008, 3567547009, 3567547011, 3567547012, 3567547013, 3567547014, 3567547015, 3567547016, 3567547017, 3567547018

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Nitrogen, Ammonia | mg/L | 0.020U | 0.050 | 09/26/12 10:42 | |

LABORATORY CONTROL SAMPLE: 472762

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, Ammonia | mg/L | 1 | 1.1 | 107 | 90-110 | |

MATRIX SPIKE SAMPLE: 472764

| Parameter | Units | 3568945001 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Nitrogen, Ammonia | mg/L | 0.15 | 1 | 1.1 | 99 | 90-110 | |

SAMPLE DUPLICATE: 472763

| Parameter | Units | 3568945001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, Ammonia | mg/L | 0.15 | 0.15 | 1 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/20293 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031, 3567547034, 3567547036

METHOD BLANK: 472766 Matrix: Water
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031, 3567547034, 3567547036

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Nitrogen, Ammonia | mg/L | 0.020U | 0.050 | 09/26/12 11:09 | |

LABORATORY CONTROL SAMPLE: 472767

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, Ammonia | mg/L | 1 | 1.1 | 106 | 90-110 | |

MATRIX SPIKE SAMPLE: 472769

| Parameter | Units | 3568998001 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Nitrogen, Ammonia | mg/L | 0.020U | 1 | 1.0 | 103 | 90-110 | |

SAMPLE DUPLICATE: 472768

| Parameter | Units | 3568998001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, Ammonia | mg/L | 0.020U | 0.020U | | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/20372
QC Batch Method: EPA 350.1
Analysis Method: EPA 350.1
Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3567547033

METHOD BLANK: 474754 Matrix: Water
Associated Lab Samples: 3567547033

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Nitrogen, Ammonia | mg/L | 0.020U | 0.050 | 09/28/12 07:30 | |

LABORATORY CONTROL SAMPLE: 474755

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, Ammonia | mg/L | 1 | 1.0 | 104 | 90-110 | |

MATRIX SPIKE SAMPLE: 474757

| Parameter | Units | 3568605004 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Nitrogen, Ammonia | mg/L | 0.099 | 1 | 1.1 | 103 | 90-110 | |

SAMPLE DUPLICATE: 474756

| Parameter | Units | 3568605004 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, Ammonia | mg/L | 0.099 | 0.092 | 7 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/20444 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3567547020, 3567547021, 3567547022, 3567547023

METHOD BLANK: 476831 Matrix: Water
Associated Lab Samples: 3567547020, 3567547021, 3567547022, 3567547023

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Nitrogen, Ammonia | mg/L | 0.020U | 0.050 | 10/02/12 09:51 | |

LABORATORY CONTROL SAMPLE: 476832

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

MATRIX SPIKE SAMPLE: 476834

| Parameter | Units | 3569039002 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Nitrogen, Ammonia | mg/L | 1.0 | 1 | 2.0 | 93 | 90-110 | |

SAMPLE DUPLICATE: 476833

| Parameter | Units | 3569039002 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, Ammonia | mg/L | 1.0 | 1.0 | 1 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/20263 Analysis Method: EPA 351.2
QC Batch Method: EPA 351.2 Analysis Description: 351.2 TKN
Associated Lab Samples: 3567547034, 3567547036

METHOD BLANK: 472099 Matrix: Water
Associated Lab Samples: 3567547034, 3567547036

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Nitrogen, Kjeldahl, Total | mg/L | 0.086U | 0.50 | 09/25/12 16:49 | |

LABORATORY CONTROL SAMPLE: 472100

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, Kjeldahl, Total | mg/L | 20 | 20.3 | 101 | 90-110 | |

MATRIX SPIKE SAMPLE: 472102

| Parameter | Units | 3568679004 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Nitrogen, Kjeldahl, Total | mg/L | 0.96 | 20 | 20.9 | 100 | 90-110 | |

SAMPLE DUPLICATE: 472101

| Parameter | Units | 3568679004 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, Kjeldahl, Total | mg/L | 0.96 | 1.0 | 7 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/20340 Analysis Method: EPA 351.2
QC Batch Method: EPA 351.2 Analysis Description: 351.2 TKN
Associated Lab Samples: 3567547033

METHOD BLANK: 473963 Matrix: Water
Associated Lab Samples: 3567547033

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Nitrogen, Kjeldahl, Total | mg/L | 0.086U | 0.50 | 09/27/12 14:22 | |

LABORATORY CONTROL SAMPLE: 473964

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, Kjeldahl, Total | mg/L | 20 | 20.1 | 101 | 90-110 | |

MATRIX SPIKE SAMPLE: 473966

| Parameter | Units | 3568853001 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Nitrogen, Kjeldahl, Total | mg/L | 1.0 | 20 | 21.9 | 104 | 90-110 | |

SAMPLE DUPLICATE: 473965

| Parameter | Units | 3568853001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, Kjeldahl, Total | mg/L | 1.0 | 1.0 | .9 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/20158 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, preserved
Associated Lab Samples: 3567547033, 3567547034, 3567547036

METHOD BLANK: 469654 Matrix: Water
Associated Lab Samples: 3567547033, 3567547034, 3567547036

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Nitrogen, NO2 plus NO3 | mg/L | 0.025U | 0.050 | 09/21/12 08:25 | |

LABORATORY CONTROL SAMPLE: 469655

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, NO2 plus NO3 | mg/L | 2 | 2.0 | 98 | 90-110 | |

MATRIX SPIKE SAMPLE: 469657

| Parameter | Units | 3567547033 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Nitrogen, NO2 plus NO3 | mg/L | 0.14 | 2 | 2.2 | 101 | 80-120 | |

MATRIX SPIKE SAMPLE: 469659

| Parameter | Units | 3568175001 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Nitrogen, NO2 plus NO3 | mg/L | 0.091 | 2 | 2.3 | 108 | 80-120 | |

SAMPLE DUPLICATE: 469656

| Parameter | Units | 3567547033 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, NO2 plus NO3 | mg/L | 0.14 | 0.14 | .5 | 20 | |

SAMPLE DUPLICATE: 469658

| Parameter | Units | 3568175001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, NO2 plus NO3 | mg/L | 0.091 | 0.10 | 11 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/20265
QC Batch Method: EPA 365.4
Analysis Method: EPA 365.4
Analysis Description: 365.4 Phosphorus
Associated Lab Samples: 3567547034, 3567547036

METHOD BLANK: 472112 Matrix: Water
Associated Lab Samples: 3567547034, 3567547036

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Phosphorus, Total (as P) | mg/L | 0.050U | 0.10 | 09/25/12 17:28 | |

LABORATORY CONTROL SAMPLE: 472113

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Phosphorus, Total (as P) | mg/L | 4 | 4.0 | 101 | 90-110 | |

MATRIX SPIKE SAMPLE: 472115

| Parameter | Units | 3568679004 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Phosphorus, Total (as P) | mg/L | 0.46 | 4 | 4.6 | 102 | 80-120 | |

SAMPLE DUPLICATE: 472114

| Parameter | Units | 3568679004 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Phosphorus, Total (as P) | mg/L | 0.46 | 0.47 | 2 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/20341
QC Batch Method: EPA 365.4
Analysis Method: EPA 365.4
Analysis Description: 365.4 Phosphorus
Associated Lab Samples: 3567547033

METHOD BLANK: 473967 Matrix: Water
Associated Lab Samples: 3567547033

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Phosphorus, Total (as P) | mg/L | 0.050U | 0.10 | 09/27/12 15:00 | |

LABORATORY CONTROL SAMPLE: 473968

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Phosphorus, Total (as P) | mg/L | 4 | 4.1 | 102 | 90-110 | |

MATRIX SPIKE SAMPLE: 473970

| Parameter | Units | 3568853001 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Phosphorus, Total (as P) | mg/L | 0.20 | 4 | 4.3 | 103 | 80-120 | |

SAMPLE DUPLICATE: 473969

| Parameter | Units | 3568853001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Phosphorus, Total (as P) | mg/L | 0.20 | 0.20 | 1 | 20 | |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/20235 Analysis Method: EPA 410.4
QC Batch Method: EPA 410.4 Analysis Description: 410.4 COD
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031, 3567547033, 3567547034, 3567547036

METHOD BLANK: 471572 Matrix: Water
Associated Lab Samples: 3567547025, 3567547027, 3567547029, 3567547031, 3567547033, 3567547034, 3567547036

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Chemical Oxygen Demand | mg/L | 12.5U | 20.0 | 09/25/12 12:33 | 2p |

LABORATORY CONTROL SAMPLE: 471573

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Chemical Oxygen Demand | mg/L | 500 | 511 | 102 | 90-110 | |

MATRIX SPIKE SAMPLE: 471575

| Parameter | Units | 3568273001 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Chemical Oxygen Demand | mg/L | 39.0 | 500 | 462 | 85 | 90-110 | J(M1) |

SAMPLE DUPLICATE: 471574

| Parameter | Units | 3568273001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Chemical Oxygen Demand | mg/L | 39.0 | 30.2 | 25 | 20 | J(D6) |



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

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

## QUALITY CONTROL DATA

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

QC Batch: WETA/20255 Analysis Method: SM 5310B
QC Batch Method: SM 5310B Analysis Description: 5310B TOC
Associated Lab Samples: 3567547033, 3567547034, 3567547036

METHOD BLANK: 472038 Matrix: Water
Associated Lab Samples: 3567547033, 3567547034, 3567547036

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Total Organic Carbon | mg/L | 0.50U | 1.0 | 09/25/12 13:26 | |

LABORATORY CONTROL SAMPLE: 472039

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Total Organic Carbon | mg/L | 20 | 19.0 | 95 | 90-110 | |

MATRIX SPIKE SAMPLE: 472041

| Parameter | Units | 3567547033 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Total Organic Carbon | mg/L | 15.1 | 20 | 37.4 | 112 | 80-120 | |

MATRIX SPIKE SAMPLE: 472043

| Parameter | Units | 3568454006 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Total Organic Carbon | mg/L | 10.7 | 20 | 31.4 | 103 | 80-120 | |

SAMPLE DUPLICATE: 472040

| Parameter | Units | 3567547033 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Total Organic Carbon | mg/L | 15.1 | 15.8 | 4 | 20 | |

SAMPLE DUPLICATE: 472042

| Parameter | Units | 3568454006 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Total Organic Carbon | mg/L | 10.7 | 10.9 | 2 | 20 | |



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

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

# QUALIFIERS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

## DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
ND - Not Detected at or above adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PRL - Pace Reporting Limit.
RL - Reporting Limit.
S - Surrogate
1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

## LABORATORIES

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

## BATCH QUALIFIERS

Batch: OEXT/9932
[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
Batch: OEXT/9940
[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
Batch: OEXT/9954
[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
Batch: OEXT/9955
[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
Batch: WET/15269
[1] B3 The dissolved oxygen depletion of the dilution water blank exceeded 0.2 mg/L.

## ANALYTE QUALIFIERS

| | |
|---|---|
| I | The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. |
| 1p | Sample had headspace |
| 2p | The recovery of the analyte in the CRDL standard (also known as the reporting limit verification) did not meet the acceptance criteria. |
| D3 | Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference. |
| D4 | Sample was diluted due to the presence of high levels of target analytes. |



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

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

## QUALIFIERS

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

**ANALYTE QUALIFIERS**

| | |
|---|---|
| J(B1) | Estimated Value. Less than 1.0 mg/L DO remained for all dilutions set. The reported value is an estimated greater than value and is calculated for the dilution using the least amount of sample. |
| 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(L1) | Estimated Value. Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high. |
| J(M1) | Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery. |
| J(M2) | Estimated Value. Matrix spike recovery was below QC limits due to sample dilution. Data acceptance based on laboratory control sample (LCS) recovery. |
| J(S0) | Estimated Value. Surrogate recovery outside laboratory control limits. |
| 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). |
| 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. |
| M6 | Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution. |
| N2 | The lab does not hold TNI accreditation for this parameter. |
| Q | Sample held beyond the accepted holding time. |
| Q | Sample held beyond the accepted holding time. Sample was received outside EPA method holding time. |
| S3 | Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias. |
| S4 | Surrogate recovery not evaluated against control limits due to sample dilution. |
| V | Indicates that the analyte was detected in both the sample and the associated method blank. |



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

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

## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|---|---|---|---|---|---|
| 3567547033 | Pond #1 | EPA 1631E | CVFS/3497 | EPA 1631E | CVFS/3510 |
| 3567547034 | Pond #2 | EPA 1631E | CVFS/3497 | EPA 1631E | CVFS/3510 |
| 3567547036 | Field Blank sw | EPA 1631E | CVFS/3497 | EPA 1631E | CVFS/3510 |
| 3567547001 | CW-15 | | FLD/ | | |
| 3567547002 | CW-16 | | FLD/ | | |
| 3567547003 | CW-19 | | FLD/ | | |
| 3567547004 | CW-20 | | FLD/ | | |
| 3567547005 | MW-9 | | FLD/ | | |
| 3567547008 | MW-10R | | FLD/ | | |
| 3567547009 | MW-8A | | FLD/ | | |
| 3567547015 | MW-15 | | FLD/ | | |
| 3567547016 | MW-16 | | FLD/ | | |
| 3567547017 | MW-17 | | FLD/ | | |
| 3567547020 | MW-20 | | FLD/ | | |
| 3567547021 | MW-19 | | FLD/ | | |
| 3567547022 | MW-18 | | FLD/ | | |
| 3567547023 | MW-1R | | FLD/ | | |
| 3567547031 | Gas Condensate | | FLD/ | | |
| 3567547033 | Pond #1 | | FLD/ | | |
| 3567547034 | Pond #2 | | FLD/ | | |
| 3567547001 | CW-15 | EPA 8011 | OEXT/9901 | EPA 8011 | GCSV/6876 |
| 3567547002 | CW-16 | EPA 8011 | OEXT/9901 | EPA 8011 | GCSV/6876 |
| 3567547003 | CW-19 | EPA 8011 | OEXT/9901 | EPA 8011 | GCSV/6876 |
| 3567547004 | CW-20 | EPA 8011 | OEXT/9901 | EPA 8011 | GCSV/6876 |
| 3567547005 | MW-9 | EPA 8011 | OEXT/9901 | EPA 8011 | GCSV/6876 |
| 3567547006 | Equip Blank #1 | EPA 8011 | OEXT/9901 | EPA 8011 | GCSV/6876 |
| 3567547008 | MW-10R | EPA 8011 | OEXT/9901 | EPA 8011 | GCSV/6876 |
| 3567547009 | MW-8A | EPA 8011 | OEXT/9901 | EPA 8011 | GCSV/6876 |
| 3567547015 | MW-15 | EPA 8011 | OEXT/9901 | EPA 8011 | GCSV/6876 |
| 3567547016 | MW-16 | EPA 8011 | OEXT/9901 | EPA 8011 | GCSV/6876 |
| 3567547017 | MW-17 | EPA 8011 | OEXT/9901 | EPA 8011 | GCSV/6876 |
| 3567547018 | Equip. Blank #3 | EPA 8011 | OEXT/9901 | EPA 8011 | GCSV/6876 |
| 3567547020 | MW-20 | EPA 8011 | OEXT/9947 | EPA 8011 | GCSV/6902 |
| 3567547021 | MW-19 | EPA 8011 | OEXT/9947 | EPA 8011 | GCSV/6902 |
| 3567547022 | MW-18 | EPA 8011 | OEXT/9947 | EPA 8011 | GCSV/6902 |
| 3567547023 | MW-1R | EPA 8011 | OEXT/9947 | EPA 8011 | GCSV/6902 |
| 3567547025 | Equip. Blank #4 | EPA 8011 | OEXT/9947 | EPA 8011 | GCSV/6902 |
| 3567547031 | Gas Condensate | EPA 8011 | OEXT/9976 | EPA 8011 | GCSV/6919 |
| 3567547033 | Pond #1 | EPA 8011 | OEXT/9976 | EPA 8011 | GCSV/6919 |
| 3567547034 | Pond #2 | EPA 8011 | OEXT/9976 | EPA 8011 | GCSV/6919 |
| 3567547036 | Field Blank sw | EPA 8011 | OEXT/9976 | EPA 8011 | GCSV/6919 |
| 3567547025 | Equip. Blank #4 | EPA 3510 | OEXT/9954 | EPA 8081 | GCSV/6904 |



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

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

## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|---|---|---|---|---|---|
| 3567547031 | Gas Condensate | EPA 3510 | OEXT/9954 | EPA 8081 | GCSV/6904 |
| 3567547025 | Equip. Blank #4 | EPA 3510 | OEXT/9955 | EPA 8082 | GCSV/6905 |
| 3567547031 | Gas Condensate | EPA 3510 | OEXT/9955 | EPA 8082 | GCSV/6905 |
| 3567547025 | Equip. Blank #4 | EPA 3510 | OEXT/9932 | EPA 8141 | GCSV/6894 |
| 3567547031 | Gas Condensate | EPA 3510 | OEXT/9932 | EPA 8141 | GCSV/6894 |
| 3567547025 | Equip. Blank #4 | EPA 8151 | OEXT/9944 | EPA 8151 | GCSV/6898 |
| 3567547031 | Gas Condensate | EPA 8151 | OEXT/9944 | EPA 8151 | GCSV/6898 |
| 3567547001 | CW-15 | EPA 3010 | MPRP/10260 | EPA 6010 | ICP/6674 |
| 3567547002 | CW-16 | EPA 3010 | MPRP/10260 | EPA 6010 | ICP/6674 |
| 3567547003 | CW-19 | EPA 3010 | MPRP/10260 | EPA 6010 | ICP/6674 |
| 3567547004 | CW-20 | EPA 3010 | MPRP/10260 | EPA 6010 | ICP/6674 |
| 3567547005 | MW-9 | EPA 3010 | MPRP/10260 | EPA 6010 | ICP/6674 |
| 3567547006 | Equip Blank #1 | EPA 3010 | MPRP/10260 | EPA 6010 | ICP/6674 |
| 3567547008 | MW-10R | EPA 3010 | MPRP/10290 | EPA 6010 | ICP/6681 |
| 3567547009 | MW-8A | EPA 3010 | MPRP/10290 | EPA 6010 | ICP/6681 |
| 3567547011 | CW-10R | EPA 3010 | MPRP/10295 | EPA 6010 | ICP/6684 |
| 3567547012 | CW-9 | EPA 3010 | MPRP/10295 | EPA 6010 | ICP/6684 |
| 3567547013 | CW-8A | EPA 3010 | MPRP/10295 | EPA 6010 | ICP/6684 |
| 3567547014 | Equip. Blank #2 | EPA 3010 | MPRP/10295 | EPA 6010 | ICP/6684 |
| 3567547015 | MW-15 | EPA 3010 | MPRP/10290 | EPA 6010 | ICP/6681 |
| 3567547016 | MW-16 | EPA 3010 | MPRP/10290 | EPA 6010 | ICP/6681 |
| 3567547017 | MW-17 | EPA 3010 | MPRP/10290 | EPA 6010 | ICP/6681 |
| 3567547018 | Equip. Blank #3 | EPA 3010 | MPRP/10290 | EPA 6010 | ICP/6681 |
| 3567547020 | MW-20 | EPA 3010 | MPRP/10316 | EPA 6010 | ICP/6702 |
| 3567547021 | MW-19 | EPA 3010 | MPRP/10316 | EPA 6010 | ICP/6702 |
| 3567547022 | MW-18 | EPA 3010 | MPRP/10316 | EPA 6010 | ICP/6702 |
| 3567547023 | MW-1R | EPA 3010 | MPRP/10316 | EPA 6010 | ICP/6702 |
| 3567547025 | Equip. Blank #4 | EPA 3010 | MPRP/10358 | EPA 6010 | ICP/6726 |
| 3567547031 | Gas Condensate | EPA 3010 | MPRP/10358 | EPA 6010 | ICP/6726 |
| 3567547033 | Pond #1 | EPA 3010 | MPRP/10378 | EPA 6010 | ICP/6732 |
| 3567547033 | Pond #1 | EPA 3010 | MPRP/10420 | EPA 6010 | ICP/6769 |
| 3567547034 | Pond #2 | EPA 3010 | MPRP/10378 | EPA 6010 | ICP/6732 |



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

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

## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|---|---|---|---|---|---|
| 3567547034 | Pond #2 | EPA 3010 | MPRP/10421 | EPA 6010 | ICP/6767 |
| 3567547036 | Field Blank sw | EPA 3010 | MPRP/10378 | EPA 6010 | ICP/6732 |
| 3567547036 | Field Blank sw | EPA 3010 | MPRP/10421 | EPA 6010 | ICP/6767 |
| 3567547001 | CW-15 | EPA 3010 | MPRP/10261 | EPA 6020 | ICPM/4263 |
| 3567547002 | CW-16 | EPA 3010 | MPRP/10261 | EPA 6020 | ICPM/4263 |
| 3567547003 | CW-19 | EPA 3010 | MPRP/10261 | EPA 6020 | ICPM/4263 |
| 3567547004 | CW-20 | EPA 3010 | MPRP/10261 | EPA 6020 | ICPM/4263 |
| 3567547005 | MW-9 | EPA 3010 | MPRP/10261 | EPA 6020 | ICPM/4263 |
| 3567547006 | Equip Blank #1 | EPA 3010 | MPRP/10261 | EPA 6020 | ICPM/4263 |
| 3567547008 | MW-10R | EPA 3010 | MPRP/10291 | EPA 6020 | ICPM/4268 |
| 3567547009 | MW-8A | EPA 3010 | MPRP/10291 | EPA 6020 | ICPM/4268 |
| 3567547015 | MW-15 | EPA 3010 | MPRP/10291 | EPA 6020 | ICPM/4268 |
| 3567547016 | MW-16 | EPA 3010 | MPRP/10291 | EPA 6020 | ICPM/4268 |
| 3567547017 | MW-17 | EPA 3010 | MPRP/10291 | EPA 6020 | ICPM/4268 |
| 3567547018 | Equip. Blank #3 | EPA 3010 | MPRP/10291 | EPA 6020 | ICPM/4268 |
| 3567547020 | MW-20 | EPA 3010 | MPRP/10317 | EPA 6020 | ICPM/4275 |
| 3567547021 | MW-19 | EPA 3010 | MPRP/10317 | EPA 6020 | ICPM/4275 |
| 3567547022 | MW-18 | EPA 3010 | MPRP/10317 | EPA 6020 | ICPM/4275 |
| 3567547023 | MW-1R | EPA 3010 | MPRP/10317 | EPA 6020 | ICPM/4275 |
| 3567547025 | Equip. Blank #4 | EPA 3010 | MPRP/10359 | EPA 6020 | ICPM/4295 |
| 3567547031 | Gas Condensate | EPA 3010 | MPRP/10359 | EPA 6020 | ICPM/4295 |
| 3567547033 | Pond #1 | EPA 3010 | MPRP/10380 | EPA 6020 | ICPM/4300 |
| 3567547034 | Pond #2 | EPA 3010 | MPRP/10380 | EPA 6020 | ICPM/4300 |
| 3567547036 | Field Blank sw | EPA 3010 | MPRP/10380 | EPA 6020 | ICPM/4300 |
| 3567547001 | CW-15 | EPA 7470 | MERP/3119 | EPA 7470 | MERC/3121 |
| 3567547002 | CW-16 | EPA 7470 | MERP/3119 | EPA 7470 | MERC/3121 |
| 3567547003 | CW-19 | EPA 7470 | MERP/3119 | EPA 7470 | MERC/3121 |
| 3567547004 | CW-20 | EPA 7470 | MERP/3119 | EPA 7470 | MERC/3121 |
| 3567547005 | MW-9 | EPA 7470 | MERP/3119 | EPA 7470 | MERC/3121 |
| 3567547006 | Equip Blank #1 | EPA 7470 | MERP/3119 | EPA 7470 | MERC/3121 |
| 3567547008 | MW-10R | EPA 7470 | MERP/3126 | EPA 7470 | MERC/3128 |
| 3567547009 | MW-8A | EPA 7470 | MERP/3126 | EPA 7470 | MERC/3128 |
| 3567547015 | MW-15 | EPA 7470 | MERP/3126 | EPA 7470 | MERC/3128 |
| 3567547016 | MW-16 | EPA 7470 | MERP/3126 | EPA 7470 | MERC/3128 |
| 3567547017 | MW-17 | EPA 7470 | MERP/3126 | EPA 7470 | MERC/3128 |
| 3567547018 | Equip. Blank #3 | EPA 7470 | MERP/3126 | EPA 7470 | MERC/3128 |
| 3567547020 | MW-20 | EPA 7470 | MERP/3134 | EPA 7470 | MERC/3134 |
| 3567547021 | MW-19 | EPA 7470 | MERP/3134 | EPA 7470 | MERC/3134 |
| 3567547022 | MW-18 | EPA 7470 | MERP/3134 | EPA 7470 | MERC/3134 |
| 3567547023 | MW-1R | EPA 7470 | MERP/3134 | EPA 7470 | MERC/3134 |
| 3567547025 | Equip. Blank #4 | EPA 7470 | MERP/3141 | EPA 7470 | MERC/3146 |



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

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

## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|---|---|---|---|---|---|
| 3567547031 | Gas Condensate | EPA 7470 | MERP/3141 | EPA 7470 | MERC/3146 |
| 3567547025 | Equip. Blank #4 | EPA 3510 | OEXT/9940 | EPA 8270 | MSSV/3797 |
| 3567547031 | Gas Condensate | EPA 3510 | OEXT/9940 | EPA 8270 | MSSV/3797 |
| 3567547025 | Equip. Blank #4 | EPA 3510 | OEXT/9937 | EPA 8270 by SCAN | MSSV/3795 |
| 3567547031 | Gas Condensate | EPA 3510 | OEXT/9937 | EPA 8270 by SCAN | MSSV/3795 |
| 3567547001 | CW-15 | EPA 8260 | MSV/6570 | | |
| 3567547002 | CW-16 | EPA 8260 | MSV/6570 | | |
| 3567547003 | CW-19 | EPA 8260 | MSV/6570 | | |
| 3567547004 | CW-20 | EPA 8260 | MSV/6570 | | |
| 3567547005 | MW-9 | EPA 8260 | MSV/6570 | | |
| 3567547006 | Equip Blank #1 | EPA 8260 | MSV/6570 | | |
| 3567547007 | Trip Blank #1 | EPA 8260 | MSV/6570 | | |
| 3567547008 | MW-10R | EPA 8260 | MSV/6584 | | |
| 3567547009 | MW-8A | EPA 8260 | MSV/6584 | | |
| 3567547010 | Trip Blank #2 | EPA 8260 | MSV/6584 | | |
| 3567547015 | MW-15 | EPA 8260 | MSV/6594 | | |
| 3567547016 | MW-16 | EPA 8260 | MSV/6594 | | |
| 3567547017 | MW-17 | EPA 8260 | MSV/6594 | | |
| 3567547018 | Equip. Blank #3 | EPA 8260 | MSV/6594 | | |
| 3567547019 | Trip Blank #3 | EPA 8260 | MSV/6594 | | |
| 3567547020 | MW-20 | EPA 8260 | MSV/6595 | | |
| 3567547021 | MW-19 | EPA 8260 | MSV/6595 | | |
| 3567547022 | MW-18 | EPA 8260 | MSV/6595 | | |
| 3567547023 | MW-1R | EPA 8260 | MSV/6595 | | |
| 3567547024 | Trip Blank #4 | EPA 8260 | MSV/6595 | | |
| 3567547025 | Equip. Blank #4 | EPA 8260 | MSV/6595 | | |
| 3567547026 | Trip Blank #5 | EPA 8260 | MSV/6595 | | |
| 3567547031 | Gas Condensate | EPA 8260 | MSV/6606 | | |
| 3567547032 | Trip Blank #8 | EPA 8260 | MSV/6606 | | |
| 3567547033 | Pond #1 | EPA 8260 | MSV/6606 | | |
| 3567547034 | Pond #2 | EPA 8260 | MSV/6599 | | |
| 3567547035 | Trip Blank B | EPA 8260 | MSV/6599 | | |
| 3567547036 | Field Blank sw | EPA 8260 | MSV/6599 | | |
| 3567547037 | Trip Blank A | EPA 8260 | MSV/6601 | | |



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

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

## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|---|---|---|---|---|---|
| 3567547005 | MW-9 | SM 2320B | WET/15063 | | |
| 3567547006 | Equip Blank #1 | SM 2320B | WET/15124 | | |
| 3567547008 | MW-10R | SM 2320B | WET/15124 | | |
| 3567547009 | MW-8A | SM 2320B | WET/15124 | | |
| 3567547015 | MW-15 | SM 2320B | WET/15169 | | |
| 3567547016 | MW-16 | SM 2320B | WET/15145 | | |
| 3567547017 | MW-17 | SM 2320B | WET/15145 | | |
| 3567547018 | Equip. Blank #3 | SM 2320B | WET/15145 | | |
| 3567547020 | MW-20 | SM 2320B | WET/15169 | | |
| 3567547021 | MW-19 | SM 2320B | WET/15170 | | |
| 3567547022 | MW-18 | SM 2320B | WET/15170 | | |
| 3567547023 | MW-1R | SM 2320B | WET/15222 | | |
| 3567547025 | Equip. Blank #4 | SM 2320B | WET/15264 | | |
| 3567547031 | Gas Condensate | SM 2320B | WET/15336 | | |
| 3567547033 | Pond #1 | SM 2320B | WET/15290 | | |
| 3567547034 | Pond #2 | SM 2320B | WET/15290 | | |
| 3567547036 | Field Blank sw | SM 2320B | WET/15290 | | |
| 3567547001 | CW-15 | SM 2540C | WET/15085 | | |
| 3567547002 | CW-16 | SM 2540C | WET/15085 | | |
| 3567547003 | CW-19 | SM 2540C | WET/15085 | | |
| 3567547004 | CW-20 | SM 2540C | WET/15085 | | |
| 3567547005 | MW-9 | SM 2540C | WET/15085 | | |
| 3567547006 | Equip Blank #1 | SM 2540C | WET/15085 | | |
| 3567547008 | MW-10R | SM 2540C | WET/15130 | | |
| 3567547009 | MW-8A | SM 2540C | WET/15130 | | |
| 3567547011 | CW-10R | SM 2540C | WET/15130 | | |
| 3567547012 | CW-9 | SM 2540C | WET/15130 | | |
| 3567547013 | CW-8A | SM 2540C | WET/15130 | | |
| 3567547014 | Equip. Blank #2 | SM 2540C | WET/15130 | | |
| 3567547015 | MW-15 | SM 2540C | WET/15182 | | |
| 3567547016 | MW-16 | SM 2540C | WET/15182 | | |
| 3567547017 | MW-17 | SM 2540C | WET/15182 | | |
| 3567547018 | Equip. Blank #3 | SM 2540C | WET/15182 | | |
| 3567547020 | MW-20 | SM 2540C | WET/15183 | | |
| 3567547021 | MW-19 | SM 2540C | WET/15183 | | |
| 3567547022 | MW-18 | SM 2540C | WET/15183 | | |
| 3567547023 | MW-1R | SM 2540C | WET/15183 | | |
| 3567547025 | Equip. Blank #4 | SM 2540C | WET/15212 | | |



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

Pace Analytical®
www.pacelabs.com

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

## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|---|---|---|---|---|---|
| 3567547031 | Gas Condensate | SM 2540C | WET/15212 | | |
| 3567547033 | Pond #1 | SM 2540C | WET/15293 | | |
| 3567547034 | Pond #2 | SM 2540C | WET/15293 | | |
| 3567547036 | Field Blank sw | SM 2540C | WET/15293 | | |
| 3567547033 | Pond #1 | SM 2540D | WET/15234 | | |
| 3567547034 | Pond #2 | SM 2540D | WET/15234 | | |
| 3567547036 | Field Blank sw | SM 2540D | WET/15234 | | |
| 3567547025 | Equip. Blank #4 | SM 4500-S2E | WET/15168 | | |
| 3567547031 | Gas Condensate | SM 4500-S2E | WET/15196 | | |
| 3567547025 | Equip. Blank #4 | SM 5210B | WET/15171 | SM 5210B | WET/15269 |
| 3567547031 | Gas Condensate | SM 5210B | WET/15185 | SM 5210B | WET/15297 |
| 3567547033 | Pond #1 | SM 5210B | WET/15185 | SM 5210B | WET/15297 |
| 3567547034 | Pond #2 | SM 5210B | WET/15185 | SM 5210B | WET/15297 |
| 3567547036 | Field Blank sw | SM 5210B | WET/15185 | SM 5210B | WET/15297 |
| 3567547033 | Pond #1 | SM10200 | WET/15180 | SM10200 | WET/15240 |
| 3567547034 | Pond #2 | SM10200 | WET/15180 | SM10200 | WET/15240 |
| 3567547036 | Field Blank sw | SM10200 | WET/15180 | SM10200 | WET/15240 |
| 3567547033 | Pond #1 | TKN+NOx Calculation | WET/15299 | | |
| 3567547034 | Pond #2 | TKN+NOx Calculation | WET/15299 | | |
| 3567547036 | Field Blank sw | TKN+NOx Calculation | WET/15299 | | |
| 3567547001 | CW-15 | EPA 300.0 | WETA/19942 | | |
| 3567547002 | CW-16 | EPA 300.0 | WETA/19942 | | |
| 3567547003 | CW-19 | EPA 300.0 | WETA/19942 | | |
| 3567547004 | CW-20 | EPA 300.0 | WETA/19942 | | |
| 3567547005 | MW-9 | EPA 300.0 | WETA/19941 | | |
| 3567547006 | Equip Blank #1 | EPA 300.0 | WETA/19941 | | |
| 3567547008 | MW-10R | EPA 300.0 | WETA/20010 | | |
| 3567547009 | MW-8A | EPA 300.0 | WETA/20010 | | |
| 3567547015 | MW-15 | EPA 300.0 | WETA/20010 | | |
| 3567547016 | MW-16 | EPA 300.0 | WETA/20035 | | |
| 3567547017 | MW-17 | EPA 300.0 | WETA/20035 | | |
| 3567547018 | Equip. Blank #3 | EPA 300.0 | WETA/20035 | | |
| 3567547020 | MW-20 | EPA 300.0 | WETA/20038 | | |
| 3567547021 | MW-19 | EPA 300.0 | WETA/20038 | | |
| 3567547022 | MW-18 | EPA 300.0 | WETA/20038 | | |
| 3567547023 | MW-1R | EPA 300.0 | WETA/20039 | | |



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

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

## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|---|---|---|---|---|---|
| 3567547025 | Equip. Blank #4 | EPA 300.0 | WETA/20127 | | |
| 3567547031 | Gas Condensate | EPA 300.0 | WETA/20127 | | |
| 3567547033 | Pond #1 | EPA 300.0 | WETA/20147 | | |
| 3567547034 | Pond #2 | EPA 300.0 | WETA/20147 | | |
| 3567547036 | Field Blank sw | EPA 300.0 | WETA/20152 | | |
| 3567547001 | CW-15 | EPA 300.0 | WETA/19945 | | |
| 3567547002 | CW-16 | EPA 300.0 | WETA/19945 | | |
| 3567547003 | CW-19 | EPA 300.0 | WETA/19945 | | |
| 3567547004 | CW-20 | EPA 300.0 | WETA/19945 | | |
| 3567547005 | MW-9 | EPA 300.0 | WETA/19944 | | |
| 3567547006 | Equip Blank #1 | EPA 300.0 | WETA/19944 | | |
| 3567547008 | MW-10R | EPA 300.0 | WETA/20036 | | |
| 3567547009 | MW-8A | EPA 300.0 | WETA/20036 | | |
| 3567547015 | MW-15 | EPA 300.0 | WETA/20036 | | |
| 3567547016 | MW-16 | EPA 300.0 | WETA/20036 | | |
| 3567547017 | MW-17 | EPA 300.0 | WETA/20036 | | |
| 3567547018 | Equip. Blank #3 | EPA 300.0 | WETA/20036 | | |
| 3567547020 | MW-20 | EPA 300.0 | WETA/20041 | | |
| 3567547021 | MW-19 | EPA 300.0 | WETA/20041 | | |
| 3567547022 | MW-18 | EPA 300.0 | WETA/20041 | | |
| 3567547023 | MW-1R | EPA 300.0 | WETA/20041 | | |
| 3567547025 | Equip. Blank #4 | EPA 300.0 | WETA/20131 | | |
| 3567547031 | Gas Condensate | EPA 300.0 | WETA/20131 | | |
| 3567547033 | Pond #1 | EPA 300.0 | WETA/20154 | | |
| 3567547034 | Pond #2 | EPA 300.0 | WETA/20154 | | |
| 3567547036 | Field Blank sw | EPA 300.0 | WETA/20154 | | |
| 3567547025 | Equip. Blank #4 | EPA 335.4 | WETA/20310 | EPA 335.4 | WETA/20330 |
| 3567547031 | Gas Condensate | EPA 335.4 | WETA/20310 | EPA 335.4 | WETA/20330 |
| 3567547001 | CW-15 | EPA 350.1 | WETA/19954 | | |
| 3567547002 | CW-16 | EPA 350.1 | WETA/19954 | | |
| 3567547003 | CW-19 | EPA 350.1 | WETA/19954 | | |
| 3567547004 | CW-20 | EPA 350.1 | WETA/19954 | | |
| 3567547005 | MW-9 | EPA 350.1 | WETA/19954 | | |
| 3567547006 | Equip Blank #1 | EPA 350.1 | WETA/19954 | | |
| 3567547008 | MW-10R | EPA 350.1 | WETA/20292 | | |
| 3567547009 | MW-8A | EPA 350.1 | WETA/20292 | | |
| 3567547011 | CW-10R | EPA 350.1 | WETA/20292 | | |



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

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

## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Sarasota Central Landfill Comp
Pace Project No.: 3567547

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|---|---|---|---|---|---|
| 3567547012 | CW-9 | EPA 350.1 | WETA/20292 | | |
| 3567547013 | CW-8A | EPA 350.1 | WETA/20292 | | |
| 3567547014 | Equip. Blank #2 | EPA 350.1 | WETA/20292 | | |
| 3567547015 | MW-15 | EPA 350.1 | WETA/20292 | | |
| 3567547016 | MW-16 | EPA 350.1 | WETA/20292 | | |
| 3567547017 | MW-17 | EPA 350.1 | WETA/20292 | | |
| 3567547018 | Equip. Blank #3 | EPA 350.1 | WETA/20292 | | |
| 3567547020 | MW-20 | EPA 350.1 | WETA/20444 | | |
| 3567547021 | MW-19 | EPA 350.1 | WETA/20444 | | |
| 3567547022 | MW-18 | EPA 350.1 | WETA/20444 | | |
| 3567547023 | MW-1R | EPA 350.1 | WETA/20444 | | |
| 3567547025 | Equip. Blank #4 | EPA 350.1 | WETA/20293 | | |
| 3567547031 | Gas Condensate | EPA 350.1 | WETA/20293 | | |
| 3567547033 | Pond #1 | EPA 350.1 | WETA/20372 | | |
| 3567547034 | Pond #2 | EPA 350.1 | WETA/20293 | | |
| 3567547036 | Field Blank sw | EPA 350.1 | WETA/20293 | | |
| 3567547033 | Pond #1 | EPA 351.2 | WETA/20340 | EPA 351.2 | WETA/20350 |
| 3567547034 | Pond #2 | EPA 351.2 | WETA/20263 | EPA 351.2 | WETA/20279 |
| 3567547036 | Field Blank sw | EPA 351.2 | WETA/20263 | EPA 351.2 | WETA/20279 |
| 3567547033 | Pond #1 | EPA 353.2 | WETA/20158 | | |
| 3567547034 | Pond #2 | EPA 353.2 | WETA/20158 | | |
| 3567547036 | Field Blank sw | EPA 353.2 | WETA/20158 | | |
| 3567547033 | Pond #1 | EPA 365.4 | WETA/20341 | EPA 365.4 | WETA/20351 |
| 3567547034 | Pond #2 | EPA 365.4 | WETA/20265 | EPA 365.4 | WETA/20280 |
| 3567547036 | Field Blank sw | EPA 365.4 | WETA/20265 | EPA 365.4 | WETA/20280 |
| 3567547025 | Equip. Blank #4 | EPA 410.4 | WETA/20235 | | |
| 3567547031 | Gas Condensate | EPA 410.4 | WETA/20235 | | |
| 3567547033 | Pond #1 | EPA 410.4 | WETA/20235 | | |
| 3567547034 | Pond #2 | EPA 410.4 | WETA/20235 | | |
| 3567547036 | Field Blank sw | EPA 410.4 | WETA/20235 | | |
| 3567547033 | Pond #1 | SM 5310B | WETA/20255 | | |
| 3567547034 | Pond #2 | SM 5310B | WETA/20255 | | |
| 3567547036 | Field Blank sw | SM 5310B | WETA/20255 | | |



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

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

3567547 - 1

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road | |
|---|---|---|
| WELL NO: CW-15 | SAMPLE ID: 27138 | DATE: 09/11/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: 7 feet to 17 feet | STATIC DEPTH TO WATER (feet): 9.68 | PURGE PUMP TYPE OR BAILER: PP |
|---|---|---|---|---|

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 17.5 feet – 9.68 feet) X 0.16 gallons/foot = 1.3 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10.6 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11' | PURGING INITIATED AT: 0953 | PURGING ENDED AT: 1038 | TOTAL VOLUME PURGED (gallons): 2.1 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or (µS/cm) | DISSOLVED OXYGEN (circle units) (mg/L) or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1019 | 1.3 | 1.3 | 0.05 | 10.41 | 6.30 | 27.82 | 3262 | 0.76 | 1.51 | light yellow | none |
| 1026 | 0.4 | 1.7 | 0.05 | 10.41 | 6.32 | 27.99 | 3272 | 0.78 | 1.11 | ↓ | ↓ |
| 1033 | 0.4 | 2.1 | 0.05 | 10.41 | 6.30 | 28.01 | 3274 | 0.79 | 1.08 | ↓ | ↓ |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| ORP ↓ | | | | | | | | | | | |

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

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison Eggleston | SAMPLING INITIATED AT: 1035 | SAMPLING ENDED AT: 1050 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 11' | TUBING MATERIAL CODE: PE & S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y (N) | TUBING Y ( N (replaced) ) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40mL | HCl | NA | NA | 8260 | RFPP | 100 |
| D,E | 2 | CG | 40mL | None | NA | NA | 8011 | RFPP | 100 |
| F | 1 | PE | 500mL | HNO3 | NA | — | Metals | APP | 200 |
| G | 1 | PE | 250mL | H2SO4 | NA | — | Nutrients | APP | 200 |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients | APP | 200 |
| I | 1 | PE | 1L | None | NA | NA | Misc. Inorg. | APP | 200 |

REMARKS:

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

3567547-2

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road | |
|---|---|---|
| WELL NO: CW-16 | SAMPLE ID: 27139 | DATE: 09/11/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: 8 feet to 18 feet | STATIC DEPTH TO WATER (feet): 10.64 | PURGE PUMP TYPE OR BAILER: PP |
|---|---|---|---|---|

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 18.5 feet – 10.64 feet) X 0.16 gallons/foot = 1.3 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11.6 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12' | PURGING INITIATED AT: 1120 | PURGING ENDED AT: 1144 | TOTAL VOLUME PURGED (gallons): 1.9 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or µS/cm | DISSOLVED OXYGEN (circle units) mg/L or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1136 | 1.3 | 1.3 | 0.08 | 11.31 | 6.09 | 27.31 | 2234 | 0.72 | 1.30 | Yellow | Sulfur |
| 1140 | 0.3 | 1.6 | 0.08 | 11.37 | 6.09 | 27.21 | 2220 | 0.83 | 1.49 | ↓ | ↓ |
| 1144 | 0.3 | 1.9 | 0.08 | 11.39 | 6.09 | 27.16 | 2203 | 0.84 | 1.16 | ↓ | ↓ |

ORP = -74.8 last parameter set

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

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison J Eggleston | SAMPLING INITIATED AT: 1140 | SAMPLING ENDED AT: 1159 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 12' | TUBING MATERIAL CODE: PE & S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ___ µm |
| FIELD DECONTAMINATION: PUMP Y (N) | TUBING Y ( N (replaced) ) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40mL | HCl | NA | NA | 8260 | RFPP | 100 |
| D,E | 2 | CG | 40mL | None | NA | NA | 8011 | RFPP | 100 |
| F | 1 | PG | 500mL | $HNO_3$ | NA | — | Metals | APP | 300 |
| G | 1 | PE | 250mL | $H_2SO_4$ | NA | — | Nutrients | APP | 300 |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients | APP | 300 |
| I | 1 | PE | 1L | None | NA | NA | Misc. Inorg. | APP | 300 |

REMARKS:

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

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

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

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

Form FD 9000-24

# GROUNDWATER SAMPLING LOG 3562547.3

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road, Nokomis FL 34275 | |
|---|---|---|
| WELL NO: CW-19 | SAMPLE ID: 27140 | DATE: 09/11/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: 7 feet to 17 feet | STATIC DEPTH TO WATER (feet): 9.23 | PURGE PUMP TYPE OR BAILER: PP |
|---|---|---|---|---|

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 17.5 feet – 9.23 feet) X 0.16 gallons/foot = 1.3 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10.2 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10.5 | PURGING INITIATED AT: 1235 | PURGING ENDED AT: 1259 | TOTAL VOLUME PURGED (gallons): 1.9 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or µS/cm | DISSOLVED OXYGEN (circle units) mg/L or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1251 | 1.3 | 1.3 | 0.08 | 10.15 | 6.46 | 29.05 | 953 | 0.26 | 1.01 | Pale yellow | none/Sheen |
| 1255 | 0.3 | 1.6 | 0.08 | 10.21 | 6.46 | 29.03 | 938 | 0.27 | 0.73 | ↓ | ↓ |
| 1259 | 0.3 | 1.9 | 0.08 | 10.23 | 6.48 | 28.98 | 933 | 0.27 | 0.56 | ↓ | ↓ |

ORP = -93.3 at last parameter set

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

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison Eggleston | SAMPLING INITIATED AT: 1300 | SAMPLING ENDED AT: 1310 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 10.5 | TUBING MATERIAL CODE: PE & S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y (N) | TUBING Y (N (replaced)) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40mL | HCl | NA | NA | 8260 | RFPP | 100 |
| D,E | 2 | CG | 40mL | None | NA | NA | 8011 | RFPP | 100 |
| F | 1 | PE | 500mL | $HNO_3$ | NA | = | Metals | APP | 300 |
| G | 1 | PE | 250mL | $H_2SO_4$ | NA | | Nutrients | APP | 300 |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients Misc. Inorg. | APP | 300 |
| I | 1 | PE | 1L | None | NA | NA | | | |

REMARKS:

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

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

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

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

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

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

3367547-4

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road, Nokomis FL 34275 | |
|---|---|---|
| WELL NO: CW-20 | SAMPLE ID: 27141 | DATE: 09/11/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: 7 feet to 17 feet | STATIC DEPTH TO WATER (feet): 9.86 | PURGE PUMP TYPE OR BAILER: PP |
|---|---|---|---|---|

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 17.5 feet – 9.86 feet) X 0.16 gallons/foot = 1.2 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10.8 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11' | PURGING INITIATED AT: 1329 | PURGING ENDED AT: 1352 | TOTAL VOLUME PURGED (gallons): 1.8 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or mS/cm | DISSOLVED OXYGEN (circle units) mg/L or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1344 | 1.2 | 1.2 | 0.08 | 10.76 | 6.38 | 29.03 | 890 | 0.30 | 0.60 | clear/light green | none |
| 1348 | 0.3 | 1.5 | 0.08 | 10.81 | 6.39 | 28.91 | 882 | 0.25 | 0.56 | ↓ | ↓ |
| 1352 | 0.3 | 1.8 | 0.08 | 10.83 | 6.37 | 28.87 | 875 | 0.27 | 0.43 | ↓ | ↓ |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

ORP = -84.7 at last parameter set

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison Eggleston | SAMPLING INITIATED AT: 1354 | SAMPLING ENDED AT: 1402 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 11' | TUBING MATERIAL CODE: PE & S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y (N) | TUBING Y (N (replaced)) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40mL | HCl | NA | NA | 8260 | RFPP | 100 |
| D,E | 2 | CG | 40mL | None | NA | NA | 8011 | RFPP | 100 |
| F | 1 | PE | 500mL | $HNO_3$ | NA | — | Metals | APP | 300 |
| G | 1 | PE | 250mL | $H_2SO_4$ | NA | — | Nutrients | APP | 300 |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients | APP | 300 |
| I | 1 | PE | 1L | None | NA | NA | Misc. Inorg. | APP | 300 |
| | | | | | | | | | |

REMARKS:

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

366754/7-5

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road, Nokomis FL 34275 | |
|---|---|---|
| WELL NO: MW-9 | SAMPLE ID: 4509 | DATE: 9/11/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 15.64 | PURGE PUMP TYPE OR BAILER: PP |
|---|---|---|---|---|

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 23.58 feet – 15.64 feet) X 0.16 gallons/foot = 1.3 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 16.6 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 16.6 | PURGING INITIATED AT: 0818 | PURGING ENDED AT: 0836 | TOTAL VOLUME PURGED (gallons): 1.9 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or µS/cm | DISSOLVED OXYGEN (circle units) mg/L or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0830 | 1.3 | 1.3 | 0.11 | 16.09 | 6.34 | 27.95 | 2297 | 0.70 | 0.55 | clear | none/clear |
| 0833 | 0.3 | 1.6 | 0.11 | 16.05 | 6.37 | 28.04 | 2297 | 0.68 | 1.54 | ↓ | ↓ ↓ |
| 0836 | 0.3 | 1.9 | 0.11 | 16.05 | 6.36 | 28.00 | 2300 | 0.74 | 1.79 | ↓ | ↓ ↓ |

ORP = -82.1 lost parameter set

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

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison Eggleston | SAMPLING INITIATED AT: 0838 | SAMPLING ENDED AT: 0841 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 16.6 | TUBING MATERIAL CODE: PE & S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y (N) | TUBING Y ( N (replaced)) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40mL | HCl | NA | NA | 8260 | RFPP | <100 |
| D,E | 2 | CG | 40mL | None | NA | NA | 8011 | RFPP | <100 |
| F | 1 | PE | 500mL | $HNO_3$ | NA | 1 | Metals | APP | 400 |
| G | 1 | PE | 250mL | $H_2SO_4$ | NA | 1 | Nutrients | APP | 400 |
| H | | PE | 250mL | None | NA | NA | Nutrients | APP | 400 |
| I | 1 | PE | 1L | None | NA | NA | Misc. Inorg. | APP | 400 |

REMARKS:

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

3567547.

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road, Nokomis FL 34275 | |
|---|---|---|
| WELL NO: MW-10R | SAMPLE ID: 4510 | DATE: 9/12/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 12.47 | PURGE PUMP TYPE OR BAILER: PP |
|---|---|---|---|---|

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 18.65 feet – 12.47 feet) X 0.16 gallons/foot = 1.0 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13.5 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13.5 | PURGING INITIATED AT: 1024 | PURGING ENDED AT: 1043 | TOTAL VOLUME PURGED (gallons): 1.4 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or (µS/cm) | DISSOLVED OXYGEN (circle units) (mg/L or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1037 | 1.0 | 1.0 | 0.08 | 13.19 | 6.21 | 27.64 | 1559 | 0.37 | 2.82 | lt yellow sheen | none |
| 1040 | 0.2 | 1.2 | 0.08 | 13.22 | 6.21 | 27.65 | 1560 | 0.34 | 3.60 | ↓ | ↓ |
| 1043 | 0.2 | 1.4 | 0.08 | 13.27 | 6.23 | 27.68 | 1559 | 0.33 | 4.96 | ↓ | ↓ |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| ORP= | | | | last parameter set | | | | | | | |

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

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison Eggleston | SAMPLING INITIATED AT: 1045 | SAMPLING ENDED AT: 1103 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 13.5 | TUBING MATERIAL CODE: PE & S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y (N) | TUBING Y ( N (replaced) ) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40mL | HCl | NA | NA | 8260 | RFPP | <100 |
| D,E | 2 | CG | 40mL | None | NA | NA | 8011 | RFPP | <100 |
| F | 1 | PE | 500mL | $HNO_3$ | NA | — | Metals | APP | 300 |
| | | PE | 250mL | $H_2SO_4$ | NA | — | Nutrients | APP | 300 |
| G | 1 | | | | | | | | |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients | APP | 300 |
| I | 1 | PE | 1L | None | NA | NA | Misc. Inorg. | APP | 300 |

REMARKS: heavy vehicle traffic next to well

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

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

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

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

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

Revision Date: February 12, 2009

15.5Form FD 9000-24

# GROUNDWATER SAMPLING LOG

3567547 09 81

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road, Nokomis FL 34275 | |
|---|---|---|
| WELL NO: MW-8A | SAMPLE ID: 21453 | DATE: 09/12/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 16.05 | PURGE PUMP TYPE OR BAILER: PP |
|---|---|---|---|---|

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 22.40 feet – 16.05 feet) X 0.16 gallons/foot = 1.0 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.0 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.0 | PURGING INITIATED AT: 1301 | PURGING ENDED AT: 1320 | TOTAL VOLUME PURGED (gallons): 1.4 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or µS/cm | DISSOLVED OXYGEN (circle units) mg/L or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1314 | 1.0 | 1.0 | 0.08 | 16.47 | 6.19 | 28.71 | 1920 | 0.54 | 6.59 | light amber/tan | none |
| 1317 | 0.2 | 1.2 | 0.08 | 16.49 | 6.19 | 28.71 | 1920 | 0.52 | 6.45 | ↓ | ↓ |
| 1320 | 0.2 | 1.4 | 0.08 | 16.50 | 6.13 | 28.78 | 1920 | 0.52 | 6.61 | ↓ | ↓ |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| ORP = -63.4 | | | | last parameter set | | | | | | | |

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison Eggleston | SAMPLING INITIATED AT: 1321 | SAMPLING ENDED AT: 1336 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 17.0 | TUBING MATERIAL CODE: PE & S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y (N) | TUBING Y (N replaced) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40mL | HCl | NA | NA | 8260 | RFPP | 100 |
| D,E | 2 | CG | 40mL | None | NA | NA | 8011 | RFPP | 100 |
| F | 1 | PE | 500mL | $HNO_3$ | NA | — | Metals | APP | 300 |
| G | 1 | PE | 250mL | $H_2SO_4$ | NA | — | Nutrients | APP | 300 |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients | APP | 300 |
| I | 1 | PE | 1L | None | NA | NA | Misc. Inorg. | APP | 300 |

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

356754 - Byd 9/14/12

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road | |
|---|---|---|
| WELL NO: CW-10R | SAMPLE ID: 22885 | DATE: 9/12/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 7.25 | PURGE PUMP TYPE OR BAILER: PP |
|---|---|---|---|---|

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 15.0 feet – 7.25 feet) X 0.16 gallons/foot = 1.2 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8.2 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9.0' | PURGING INITIATED AT: 0932 | PURGING ENDED AT: 0955 | TOTAL VOLUME PURGED (gallons): 1.8 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or µS/cm | DISSOLVED OXYGEN (circle units) mg/L or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0947 | 1.2 | 1.2 | 0.08 | 8.37 | 6.09 | 27.05 | 1414 | 0.36 | 1.65 | Pale yellow | slight / none |
| 0951 | 0.3 | 1.5 | 0.08 | 8.51 | 6.09 | 27.04 | 1416 | 0.40 | 1.60 | ↓ | ↓ |
| 0955 | 0.3 | 1.8 | 0.08 | 8.64 | 6.08 | 26.98 | 1418 | 0.40 | 1.82 | ↓ | ↓ |

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison Eggleston | SAMPLING INITIATED AT: 0956 | SAMPLING ENDED AT: 1002 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 9.0 | TUBING MATERIAL CODE: PE & S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y (N) | TUBING Y ( N (replaced) ) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A | 1 | PE | 250 mL | $H_2SO_4$ | NA | <2 | Nutrients, Total Ammon. | APP | 300 |
| B | 1 | PE | 500mL | $HNO_3$ | NA | <2 | Metals | APP | 300 |
| C | 1 | PE | 1L | None | NA | — | Misc. Inorg | APP | 300 |
| | | | | | | | | | |
| | | | | | | | | | |

REMARKS:

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

3567547-12

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road | |
|---|---|---|
| WELL NO: CW-9 | SAMPLE ID: 22884 | DATE: 09/12/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 6.65 | PURGE PUMP TYPE OR BAILER: PP |
|---|---|---|---|---|

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 15.0 feet – 6.65 feet) X 0.16 gallons/foot = 1.3 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7.7 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8.0' | PURGING INITIATED AT: 1126 | PURGING ENDED AT: 1150 | TOTAL VOLUME PURGED (gallons): 1.9 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or µS/cm | DISSOLVED OXYGEN (circle units) mg/L or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1142 | 1.3 | 1.3 | 0.08 | 7.51 | 6.30 | 27.98 | 1133 | 0.23 | 2.80 | Tan Brown | None |
| 1146 | 0.3 | 1.6 | 0.08 | 7.57 | 6.30 | 28.00 | 1163 | 0.27 | 2.87 | Brown Sheen | |
| 1150 | 0.3 | 1.9 | 0.08 | 7.63 | 6.31 | 27.92 | 1182 | 0.23 | 2.17 | ↓ | ↓ |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| ORP= -93.2 | | | | last Parameter Set | | | | | | | |

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

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison Eggleston | SAMPLING INITIATED AT: 1151 | SAMPLING ENDED AT: 1157 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 8.0' | TUBING MATERIAL CODE: PE & S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ___ µm |
| FIELD DECONTAMINATION: PUMP Y (N) | TUBING Y (N (replaced)) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A | 1 | PE | 250mL | $H_2SO_4$ | NA | — | Nutrients, Total Ammonia | APP | 300 |
| B | 1 | PE | 500mL | $HNO_3$ | NA | — | Metals | APP | 300 |
| C | 1 | PE | 1L | None | NA | NA | Misc. Inorg | APP | 300 |
| | | | | | | | | | |
| | | | | | | | | | |

REMARKS:

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

3567547.13

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road, Nokomis FL 34275 | |
|---|---|---|
| WELL NO: CW-8A | SAMPLE ID: 22883 | DATE: 09/12/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 15.66 | PURGE PUMP TYPE OR BAILER: PP |
|---|---|---|---|---|

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 24.30 feet – 15.66 feet) X 0.16 gallons/foot = 1.4 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 16.6 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.0 | PURGING INITIATED AT: 1217 | PURGING ENDED AT: | TOTAL VOLUME PURGED (gallons): |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or mS/cm | DISSOLVED OXYGEN (circle units) mg/L or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1230 | 1.4 | 1.4 | 0.11 | 16.43 | 6.02 | 27.45 | 1694 | 0.35 | 2.23 | one | none |
| 1233 | 0.3 | 1.7 | 0.11 | 16.50 | 6.00 | 27.36 | 1654 | 0.35 | 1.81 | ↓ | ↓ |
| 1236 | 0.3 | 2.0 | 0.11 | 16.52 | 6.00 | 27.38 | 1630 | 0.36 | 1.69 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

ORP = -59.0 at last parameter set

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

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison Eggleston | SAMPLING INITIATED AT: 1237 | SAMPLING ENDED AT: 1443 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 17.0 | TUBING MATERIAL CODE: PE & S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y (N) | TUBING Y (N (replaced)) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A | 1 | PE | 250mL | $H_2SO_4$ | NA | < | Nutrients Total Ammo. | APP | 400 |
| B | 1 | PE | 500mL | $HNO_3$ | NA | < | Metals | APP | 400 |
| C | 1 | PE | 1L | None | NA | NA | Misc. Inorg. | APP | 400 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

REMARKS:

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

3567547-15

| | | | |
|---|---|---|---|
| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Rd | | |
| WELL NO: MW-15 | SAMPLE ID: 23031 J | DATE: 09/13/12 | |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 24.25 | PURGE PUMP TYPE OR BAILER: ESP |
|---|---|---|---|---|

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

= ( 30.5 feet − 24.25 feet) X .16 gallons/foot = 1.0 gallons

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

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26.0 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26.0 | PURGING INITIATED AT: 0924 | PURGING ENDED AT: 0957 | TOTAL VOLUME PURGED (gallons): 5.5 SAE |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or µS/cm | DISSOLVED OXYGEN (circle units) mg/l or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0930 | 1.0 | 1.0 | 0.16 | B/10 | 6.39 | 26.35 | 3961 | 0.73 | 23.8 | tan/yellow | slight/none |
| 0933 | 0.5 | 1.5 | 0.16 | bottom | 6.40 | 26.37 | 3996 | 0.98 | 24.5 | ↓ | ↓ |
| 0936 | 0.5 | 2.0 | 0.16 | of pump | 6.41 | 26.38 | 4001 | 1.07 | 29.1 | | |
| 0939 | 0.5 | 2.5 | 0.16 | and | 6.41 | 26.39 | 3915 | 0.90 | 39.1 | | |
| 0942 | 0.5 | 3.0 | 0.16 | static | 6.40 | 26.54 | 3880 | 1.07 | 35.6 | | |
| 0945 | 0.5 | 3.5 | 0.16 | depth | 6.40 | 26.49 | 3866 | 1.09 | 35.1 | ↓ | |
| 0948 | 0.5 | 4.0 | 0.16 | to water | 6.39 | 26.49 | 3784 | 1.13 | 21.3 | yellow/clear | slight/none |
| 0951 | 0.5 | 4.5 | 0.16 | 24.25 | 6.39 | 26.48 | 3747 | 1.13 | 15.3 | | |
| 0954 | 0.5 | 5.0 | 0.16 | -26' | 6.38 | 26.50 | 3705 | 1.17 | 9.95 | | |
| 0957 | 0.5 | 5.5 | 0.16 | | 6.38 | 26.53 | 3673 | 1.18 | 7.51 | ↓ | ↓ |
| ORP = -105.9 last parameter set | | | | | | | | | | | |

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota Co. | SAMPLER(S) SIGNATURE(S): Alison Eggleston | SAMPLING INITIATED AT: 0959 | SAMPLING ENDED AT: 1007 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 26.0 | TUBING MATERIAL CODE: PE | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ___ µm |
| FIELD DECONTAMINATION: PUMP (Y) N | TUBING Y N (replaced) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40 mL | HCl | NA | NA | 8260 | AE RFPP ESP | 600 |
| D E | 2 | CG | 40 mL | None | NA | NA | 8011 | ESP | 600 |
| F | 1 | PE | 500 mL | $HNO_3$ | NA | ~ | Metals | ESP | 600 |
| G | 1 | PE | 250 mL | $H_2SO_4$ | NA | ~ | Nutrients | ESP | 600 |
| H | 1 | PE | 250 mL | None | NA | NA | Nutrients | ESP | 600 |
| I | 1 | PE | 1 L | None | NA | NA | Misc. Inorg | ESP | 600 |

REMARKS: Purge water clouds upon standing. Pump set as slow as possible at 32. Purged more than 5 volumes to lower turbidity

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

3567547-16

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road | |
|---|---|---|
| WELL NO: MW-16 | SAMPLE ID: 23032 | DATE: 09/13/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 24.85 | PURGE PUMP TYPE OR BAILER: ESP |
|---|---|---|---|---|

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

= ( 30.3 feet – 24.85 feet) X 0.16 gallons/foot = 0.9 gallons

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

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26.5 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26.5 | PURGING INITIATED AT: 1107 | PURGING ENDED AT: 1123 | TOTAL VOLUME PURGED (gallons): 1.6 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or µS/cm | DISSOLVED OXYGEN (circle units) mg/L or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1117 | 1.0 | 1.0 | 0.1 | between bottom pump and static dtw N26.5 – 24.85' | 6.04 | 27.11 | 2492 | 0.68 | 1.94 | med dark yellow brown | none/slight |
| 1120 | 0.3 | 1.3 | 0.1 | | 6.04 | 27.10 | 2496 | 0.76 | 2.31 | ↓ | ↓ |
| 1123 | 0.3 | 1.6 | 0.1 | | 6.05 | 27.12 | 2493 | 0.77 | 2.666 | ↓ | ↓ |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| ORP = -55.9 last parameter set | | | | | | | | | | | |

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison J. Eggleston | SAMPLING INITIATED AT: 1125 | SAMPLING ENDED AT: 1130 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 26.5 | TUBING MATERIAL CODE: PE | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP (Y) N | TUBING Y (N (replaced)) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40mL | HCl | NA | NA | 8260 | ESP | 400 |
| D,E | 2 | CG | 40mL | None | NA | NA | 8011 | ESP | 400 |
| F | 1 | PG | 500mL | $HNO_3$ | NA | — | Metals | ESP | 400 |
| G | 1 | PE | 250mL | $H_2SO_4$ | NA | NA | Nutrients | ESP | 400 |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients | ESP | 400 |
| I | 1 | PE | 1L | None | NA | NA | Misc Inorg. | ESP | 400 |

REMARKS: Set pump speed as low as possible, 3(level)

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

3567547.17

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road | |
|---|---|---|
| WELL NO: MW-17 | SAMPLE ID: 23033 | DATE: 09/13/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 28.34 | PURGE PUMP TYPE OR BAILER: ESP |
|---|---|---|---|---|

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 32.6 feet – 28.34 feet) X 0.16 gallons/foot = 0.7 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.0 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30' | PURGING INITIATED AT: 1216 | PURGING ENDED AT: 1226 | TOTAL VOLUME PURGED (gallons): 1.1 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or mS/cm | DISSOLVED OXYGEN (circle units) mg/L or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1222 | 0.7 | 0.7 | 0.12 | flow bottom of pump | 6.09 | 27.15 | 1768 | 0.57 | 1.32 | light amber | none |
| 1224 STAG | 0.2 | 0.9 | 0.12 | 2nd stable DTW | 6.09 | 27.09 | 1773 | 0.62 | 0.90 | ↓ | ↓ |
| 1226 SAMP | 0.2 | 1.1 | 0.12 | @ 28.34 @ 30' | 6.10 | 27.03 | 1774 | 0.67 | 1.23 | | |

ORP = -83.7 at last parameter set

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison J Eggleston | SAMPLING INITIATED AT: 1229 | SAMPLING ENDED AT: 1243 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 30. | TUBING MATERIAL CODE: PE | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N (replaced)) | | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40mL | HCl | NA | NA | 8260 | ESP | 456 |
| D,E | 2 | CG | 40mL | None | NA | NA | 8011 | ESP | 450 |
| F | 1 | PE | 500mL | $HNO_3$ | NA | — | Metals | ESP | 450 |
| G | 1 | PE | 250mL | $H_2SO_4$ | NA | — | Nutrients | ESP | 450 |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients | ESP | 450 |
| I | 1 | PE | 1L | None | NA | NA | Misc. Morg. | ESP | 450 |

REMARKS: Set pump to lowest Setting, 38

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

3567547-20

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road, Nokomis FL 34275 | |
|---|---|---|
| WELL NO: MW-20 | SAMPLE ID: 23036 | DATE: 9/14/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: 12 feet to 22 feet | STATIC DEPTH TO WATER (feet): 18.20 | PURGE PUMP TYPE OR BAILER: PP |
|---|---|---|---|---|

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 22.5 feet – 18.20 feet) X 0.16 gallons/foot = 0.7 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 19.2 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20.0 | PURGING INITIATED AT: 0935 | PURGING ENDED AT: 0957 | TOTAL VOLUME PURGED (gallons): 1.1 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or µS/cm | DISSOLVED OXYGEN (circle units) mg/l or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0949 | 0.7 | 0.7 | 0.05 | 19.12 | 6.31 | 27.08 | 7596 | 0.62 | 0.74 | Clear | None/Slight |
| 0953 | 0.2 | 0.9 | 0.05 | 19.21 | 6.29 | 27.12 | 2585 | 0.65 | 0.68 | ↓ | ↓ |
| 0957 | 0.2 | 1.1 | 0.05 | 19.34 | 6.29 | 27.12 | 2580 | 0.62 | 0.84 | ↓ | ↓ |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

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

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison J Eggleston | SAMPLING INITIATED AT: 0958 | SAMPLING ENDED AT: 1012 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 19.2 20.0 | TUBING MATERIAL CODE: PE & S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y (N) | TUBING Y (N (replaced)) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40mL | HCl | NA | NA | 8260 | RFPP | 100 |
| D,E | 2 | CG | 40mL | None | NA | NA | 8011 | RFPP | 100 |
| F | 1 | PE | 500mL | $HNO_3$ | NA | — | Metals | APP | 200 |
| G | 1 | PE | 250mL | $H_2SO_4$ | NA | — | Nutrients | APP | 200 |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients | APP | 200 |
| I | 1 | PE | 1L | None | NA | NA | Misc. Inorg. | APP | 200 |

REMARKS:

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

3567547.21

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road, Nokomis FL 34275 | |
|---|---|---|
| WELL NO: MW-19 | SAMPLE ID: 23035 | DATE: 9/19/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: 12 feet to 22 feet | STATIC DEPTH TO WATER (feet): 18.61 | PURGE PUMP TYPE OR BAILER: PP |
|---|---|---|---|---|

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 22.5 feet – 18.61 feet) X 0.16 gallons/foot = 0.6 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 19.6 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19.6 | PURGING INITIATED AT: 10:42 | PURGING ENDED AT: 1100 | TOTAL VOLUME PURGED (gallons): 1.0 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or µS/cm | DISSOLVED OXYGEN (circle units) mg/L or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1054 | 0.6 | 0.6 | 0.05 | 19.15 | 5.97 | 27.67 | 1291 | 0.50 | 3.04 | yellow | None |
| 1057 | 0.2 | 0.8 | 0.05 | 19.18 | 5.97 | 27.82 | 1284 | 0.49 | 2.61 | Slight | ↓ |
| 1100 | 0.2 | 1.0 | 0.05 | 19.20 | 5.98 | 27.79 | 1272 | 049 | 2.60 | ↓ | ↓ |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| ORP= -48.2 | | last parameter set | | | | | | | | | |

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison Eggleston | SAMPLING INITIATED AT: 1102 | SAMPLING ENDED AT: 1118 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 19.6 | TUBING MATERIAL CODE: PE & S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N (replaced)) | | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40mL | HCl | NA | NA | 8260 | RFPP | <100 |
| D,E | 2 | CG | 40mL | None | NA | NA | 8011 | RFPP | <100 |
| F | 1 | PE | 500mL | $HNO_3$ | NA | — | Metals | APP | 200 |
| G | 1 | PE | 250mL | $H_2SO_4$ | NA | | Nutrients | APP | 200 |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients | APP | 200 |
| I | 1 | PE | 1L | None | NA | NA | Misc. Inorg. | APP | 200 |

REMARKS:

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

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

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

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

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

Form FD 9000-24

# GROUNDWATER SAMPLING LOG 3567547-22

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road, Nokomis FL 34275 | |
|---|---|---|
| WELL NO: MW-18 | SAMPLE ID: 23034 | DATE: 09/14/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: 15.1 feet to 25.1 feet | STATIC DEPTH TO WATER (feet): 20.89 | PURGE PUMP TYPE OR BAILER: PP |
|---|---|---|---|---|

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 25.6 feet – 20.89 feet) X 0.16 gallons/foot = 0.8 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21.9 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.9 | PURGING INITIATED AT: 1153 | PURGING ENDED AT: 1217 | TOTAL VOLUME PURGED (gallons): 1.2 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or µS/cm | DISSOLVED OXYGEN (circle units) mg/L or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1209 | 0.8 | 0.8 | 0.05 | 21.13 | 6.29 | 28.74 | 1960 | 0.66 | 4.62 | pale yellow | none/Sheen |
| 1213 | 0.2 | 1.0 | 0.05 | 21.13 | 6.27 | 28.77 | 1962 | 0.64 | 4.36 | ↓ | ↓ |
| 1217 | 0.2 | 1.2 | 0.05 | 21.13 | 6.28 | 28.89 | 1968 | 0.65 | 4.49 | ↓ | ↓ |

ORP = -79.2 at last parameter set

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; 8" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison Eggleston | SAMPLING INITIATED AT: 1218 | SAMPLING ENDED AT: 1234 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 21.9 | TUBING MATERIAL CODE: PE & S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y (N) | TUBING Y (N (replaced)) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| A,B,C | 3 | CG | 40mL | HCl | NA | NA | 8260 | RFPP | 400 |
| D,E | 2 | CG | 40mL | None | NA | NA | 8011 | RFPP | 400 |
| F | 1 | PE | 500mL | $HNO_3$ | NA | — | Metals | APP | 200 |
| G | 1 | PE | 250mL | $H_2SO_4$ | NA | — | Nutrients | APP | 200 |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients | APP | 200 |
| I | 1 | PE | 1L | None | NA | NA | MISC. Inorg | APP | 200 |

REMARKS:

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

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

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

Form FD 9000-24

# GROUNDWATER SAMPLING LOG

3567547-23

| SITE NAME: CCSWDC | SITE LOCATION: 4000 Knights Trail Road, Nokomis FL 34275 | |
|---|---|---|
| WELL NO: MW-1R | SAMPLE ID: 20585 | DATE: 09/14/12 |

## PURGING DATA

| WELL DIAMETER (inches): 2.0 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 4.92 | PURGE PUMP TYPE OR BAILER: PP |
|---|---|---|---|---|

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= ( 15.7 feet – 4.92 feet) X 0.16 gallons/foot = 1.7 gallons

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

| INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5.9 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6.5 | PURGING INITIATED AT: 1324 | PURGING ENDED AT: 1348 | TOTAL VOLUME PURGED (gallons): 2.6 |
|---|---|---|---|---|

| TIME | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (gpm) | DEPTH TO WATER (feet) | pH (standard units) | TEMP. (°C) | COND. (circle units) µmhos/cm or (µS/cm) | DISSOLVED OXYGEN (circle units) (mg/L) or % saturation | TURBIDITY (NTUs) | COLOR (describe) | ODOR (describe) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1340 | 1.8 | 1.8 | 0.11 | 5.91 | 6.35 | 28.22 | 466 | 0.21 | 1.58 | Pale yellow | none |
| 1344 | 0.4 | 2.2 | 0.11 | 5.97 | 6.38 | 28.15 | 477 | 0.40 | 1.17 | ↓ | ↓ |
| 1348 | 0.4 | 2.6 | 0.11 | 6.05 | 6.40 | 28.26 | 486 | 0.22 | 1.19 | ↓ | ↓ |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

ORP = -22.6 at last parameter set

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

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

## SAMPLING DATA

| SAMPLED BY (PRINT) / AFFILIATION: Alison Eggleston / Sarasota County | SAMPLER(S) SIGNATURE(S): Alison Eggleston | SAMPLING INITIATED AT: 1350 | SAMPLING ENDED AT: 1400 |
|---|---|---|---|
| PUMP OR TUBING DEPTH IN WELL (feet): 6.5 | TUBING MATERIAL CODE: PE & S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm |
| FIELD DECONTAMINATION: PUMP Y (N) | TUBING Y (N replaced) | DUPLICATE: Y (N) | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
| ABC | 3 | CG | 40mL | HCl | NA | NA | 8260 | RFPP | <100 |
| DE | 2 | CG | 40mL | None | NA | NA | 8011 | RFPP | <100 |
| F | 1 | PE | 500mL | $HNO_3$ | NA | — | Metals | APP | 400 |
| G | 1 | PE | 250mL | $H_2SO_4$ | NA | — | Nutrients | APP | 400 |
| H | 1 | PE | 250mL | None | NA | NA | Nutrients | APP | 400 |
| I | 1 | PE | 1L | None | NA | NA | Misc. Inorg. | APP | 400 |

REMARKS: Well depth measured 5/2010.

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

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

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

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

Revision Date: February 12, 2009

DEP-SOP-001/01
FT 1100 Field Measurement of Hydrogen Ion Activity (pH)

**Form FD 9000-7: Field Parameter Data Sheet for Surface Water**

SURVEY/PROJECT: CC Annual Gas Condensate 2012 SAMPLERS: AC BS METER # 151-556

3567547

| STATION NUMBER | STATION DESCRIPTION | PARAMETER | DATE | TIME | TOTAL DEPTH | SAMPLE DEPTH | WATER TEMP | DO | %SAT DO | COND | SALINITY | PH | TURBIDITY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | UNIT | yy/mm/dd | hr:min | feet | feet | Celsius | mg/L | % | µS/cm | ppt | su | NTU |
| | | STORET CODE | 73672 | | 81903 | 68 | 10 | 299 | 301 | 94 | 480 | 400 | 82078 |
| 23340 | S-4 | | 12/09/18 | 12:50 | — | — | 32.81 | 2.12 | — | 7515 | — | 7.45 | 4.20 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

- 31

FIELD CONDITIONS FOR STATION# _____ AT TIME _____:

CLOUD COVER (%): _____ WIND DIRECTION: _____ TIDAL STAGE: _____

PREVIOUS RAINFALL: _____ WIND SPEED (MPH/KNOTS): _____ WAVE CONDITIONS: _____

**Note: This Sheet is used for recording Sample Data – Calibration information must also be documented**

Revision Date: February 1, 2004

DEP-SOP-001/01
FT 1100 Field Measurement of Hydrogen Ion Activity (pH)

**Form FD 9000-7: Field Parameter Data Sheet for Surface Water**

SURVEY/PROJECT: C. SW-2nd Semi 2012 SAMPLERS: AE+JS METER # YSI-550

| STATION NUMBER | STATION DESCRIPTION | PARAMETER | DATE | TIME | TOTAL DEPTH | SAMPLE DEPTH | WATER TEMP | DO | %SAT DO | COND | SALINITY | PH | TURBIDITY | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | UNIT | yy/mm/dd | hr:min | feet | feet | Celsius | mg/L | % | µS/cm | ppt | su | NTU | |
| | | STORET CODE | 73672 | | 81903 | 68 | 10 | 299 | 301 | 94 | 480 | 400 | 82078 | |
| 28824 | Pond 1 | | 12/09/19 | 10:40 | 3 | 1 | 27.02 | 2.76 | — | 359 | — | 6.82 | 6.01 | -33 |
| 28825 | Pond 2 | | 12/09/19 | 11:10 | 4 | 1 | 26.64 | 1.97 | — | 381 | — | 6.82 | 29.4 | -34 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

FIELD CONDITIONS FOR STATION# _____ AT TIME_____:

CLOUD COVER (%): _____ WIND DIRECTION: _____ TIDAL STAGE: _____

PREVIOUS RAINFALL: _____ WIND SPEED (MPH/KNOTS): _____ WAVE CONDITIONS: _____

**Note: This Sheet is used for recording Sample Data – Calibration information must also be documented**

Revision Date: February 1, 2004

WO# 3567547

3567547

# RECORD

No. E

Page 1 of 1

**PACE**
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 ● FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

FOR LAB USE ONLY TP-14
Condition of Contents:
Temp. of Contents: 5.0 °C (or Received on Ice, ROI)
Condition of Seals:

FOR LAB USE ONLY
Submission No.

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: 1255 T Mabry Carlton Parkway
Phone: (941)650-9834
City Sarasota State Fl. Zip Code 34293
Fax: (941)480-3558

2. Report to: (if different from above)
Cesar Rodriguez

Address:
Phone: ( ) 941 650-9834
City State Zip Code
Fax: ( )

18. Report Type:
X Routine
With QC

19. Turnaround Time
X Standard
Rush: / /

3. Client Project Name:
Central County wells

4. Client Project No.:
No.: 120293

6. Custody Seal No.:

7. Sampled By: Alison Eggleston

8. Shipping Method:

| Water Sample Codes (for Item 13) | Container Codes (for Item 16) |
|---|---|
| DW = Drinking Water | V = VOA vial |
| GW = Ground Water | G = glass |
| SW = Surface Water | P = plastic |
| PW = Processed Water | M = micro bag/cup |
| WW = Waste Water | O = other |

14.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 15. Preservatives | H | C | N | S | C | C | |
| 16. Containers | V | V | P | P | P | P | |

17.

Preservative Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

| Item | 9. Sample ID or No. | 10. Sample Description | 11. Date | 11. Time | 12. Comp. | 12. Grab | 13. Water (Codes) | Air | Soil | Sludge | Other | 8260 VOC's APP I | 8011 EDB App I | Metals App I Fe,Hg, Na, Al, Mn | Nutrients App I | Nutrients App I | Miscellaneous Inorgs App I | | | 20. REMARK | LAB USE ONLY LAB SAMPLE NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 27138 | CW-15 | 091112 | 1035 | | X | gw | | | | | A,B,C | D,E | F | G | H | I | | | F:Metals App1 | -1 |
| 7 | 27139 | CW-16 | 091112 | 1140 | | X | gw | | | | | A,B,C | D,E | F | G | H | I | | | Fe,Hg,Na,Al,Mn | -2 |
| 8 | 27140 | CW-19 | 091112 | 1300 | | X | gw | | | | | A,B,C | D,E | F | G | H | I | | | G:App1 + Ammonia, Nitrate | -3 |
| 9 | 27141 | CW-20 | 091112 | 1354 | | X | gw | | | | | A,B,C | D,E | F | G | H | I | | | H:App 1, Nitrite, NOX | -4 |
| 10 | | | | | | | | | | | | | | | | | | | | I:App 1, Chloride, Sulfate | |
| 11 | | | | | | | | | | | | | | | | | | | | Sulfate, TDS | |

| 21. RELINQUISHED BY | DATE | TIME | 22. RECEIVED BY | DATE | TIME |
|---|---|---|---|---|---|
| 1 Alison J Eggleston | 091112 | 1420 | [illegible] | 9-11-12 | 1420 |
| 2 BSC | 9-11-12 | 2000 | [illegible] 1.3 | 9/12/12 | 3:10 |
| 3 | | | | | |
| 4 | | | | | |

Sampling Fee: Hrs.
Equipment Rental Fee:
Profile No.: Quote No.:

Revised: 1/99

DISTRIBUTION: White with report; make copies as needed

COOLED #1

PLEASE USE ADAPT

COOLER #1

**PACE**
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 ● FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

# CHAIN OF CUSTODY RECORD

No. E

Page 1 of 1

CF=0

FOR LAB USE ONLY
Temp. of Contents: 5.8 °C (or Received on Ice, ROI)
Condition of Contents: TP-ice
Condition of Seals:

FOR LAB USE ONLY
Submission No. 3567547

1. Client: (Company or Individual) Sarasota County Environmental Services
Address: 1255 T Mabry Carlton Parkway
City Sarasota State Fl. Zip Code 34293
Phone: (941)650-9834
Fax: (941)480-3558

2. Report to: (if different from above) Cesar Rodriguez
Address:
City State Zip Code
Phone: ( ) 941 650-9834
Fax: ( )

3. Client Project Name: Central County wells
4. Client Project No.: No.: 120293
6. Custody Seal No.:
7. Sampled By: Alison Eggleston
8. Shipping Method:

18. Report Type: X Routine / With QC
19. Turnaround Time: X Standard / Rush: / /

| Water Sample Codes (for Item 13) | Container Codes (for Item 16) |
|---|---|
| DW = Drinking Water | V = VOA vial |
| GW = Ground Water | G = glass |
| SW = Surface Water | P = plastic |
| PW = Processed Water | M = micro bag/cup |
| WW = Waste Water | O = other |

14.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 15. Preservatives | H | C | N | S | C | C | | |
| 16. Containers | V | V | P | P | P | P | | |

17.

| Preservative Codes (for Item 15) |
|---|
| C = Cool Only |
| H = Hydrochloric Acid |
| M = Monochloroacetic Acid |
| N = Nitric Acid |
| OH = Sodium Hydroxide |
| S = Sulfuric Acid |
| T = Sodium Thiosulfate |

| Item | 9. Sample ID or No. | 10. Sample Description | 11. Date | Time | 12. Comp. | Grab | 13. Water (Codes) | Air | Soil | Sludge | Other | 8260 VOC's APP I | 8011 EDB App I | Metals App I Ca,Fe,Mg,Hg,K, Na, Al, Mn | Nutrients App I | Nutrients App I | Miscellaneous Inorgs App I | | | 20. REMARK | LAB USE ONLY LAB SAMPLE NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4509 | MW-9 | 091112 | 0838 | | X | gw | | | | | A,B,C | D,E | F | G | H | I | | | F:Metals App1 | -5 |
| 2 | | Equip Blank | 091112 | 0932 | | X | gw | | | | | A,B,C | D,E | F | G | H | I | | | Ca,Fe,Mg,Hg,K,Na,Al,Mn | -6 |
| 3 | | | | | | X | gw | | | | | A,B,C | D,E | F | G | H | I | | | G:App1 + Ammonia, Nitrate | |
| 4 | | | | | | X | gw | | | | | A,B,C | D,E | F | G | H | I | | | H:App 1, Nitrite, NOX | |
| 5 | | | | | | X | gw | | | | | A,B,C | D,E | F | G | H | I | | | I:App 1, Bicarb, Carb, Chloride, Sulfate | |
| | | Trip blank #1 | 091112 | | | | | | | | | | | | | | | | | Sulfate, TDS | -7 |

| 21. RELINQUISHED BY | DATE | TIME | 22. RECEIVED BY | DATE | TIME |
|---|---|---|---|---|---|
| 1 Alison J Eggleston | 091112 | 1420 | [signature] | 9-11-12 | 1420 |
| 2 BJC | 9-11-12 | 2000 | | | |
| 3 | | | | | |
| 4 | | | | | |

FOR LAB USE ONLY
Sampling Fee: _____ Hrs.
Equipment Rental Fee: _____
Profile No.:
Quote No.:

PLEASE USE ADAPT

| Pace Analytical | Document Name: Sample Condition Upon Receipt Form | Document Revised: September 23, 2011 |
|---|---|---|
| | Document No.: F-FL-C-007 rev. 04 | Issuing Authorities: Pace Florida Quality Office |

## Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: SARASOTA Project # 3567547

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-120 Type of Ice: (Wet) Blue None

Cooler Temperature °C 1.3 (Visual) 0.0 (Correction Factor) 1.3 (Actual)

Date and Initials of person examining contents: JP 9/12/12

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

Receipt of samples satisfactory: ☐ Yes ☐ No

Rush TAT requested on COC:

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

**Client Notification/ Resolution:**

Person Contacted: _____ Date/Time: _____

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

Project Manager Review: _____ Date: _____

### Finished Product Information Only

F.P. Sample ID: _____

Production Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Extra Sample in Shed: Yes No

**Size & Qty of Bottles Received**

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

COOLER #2

WO# 3567547

3567547

# CHAIN OF CUSTODY

__1__ of __1__

**PACE**
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 ● FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

FOR LAB USE ONLY CF-0.4 TP-11 Condition of Cont
Temp. of Contents: 4.0 °C (or Received on Ice, ROI)

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: 1255 T Mabry Carlton Parkway
City Sarasota State Fl. Zip Code 34293
Fax: (941)480-3558

2. Report to: (if different from above)
Cesar Rodriguez

Address:
City State Zip Code
Phone: ( ) 941 650-9834
Fax: ( )

3. Client Project Name:
Central County wells

4. Client Project No.:
No.: 120293

6. Custody Seal No.:

7. Sampled By: Alison Eggleston

8. Shipping Method:

| Water Sample Codes (for Item 13) | Container Codes (for Item 16) |
|---|---|
| DW = Drinking Water | V = VOA vial |
| GW = Ground Water | G = glass |
| SW = Surface Water | P = plastic |
| PW = Processed Water | M = micro bag/cup |
| WW = Waste Water | O = other |

| 14. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 15. Preservatives | H | C | N | S | C | C | | |
| 16. Containers | V | V | P | P | P | P | | |
| 17. | | | | | | | | |

18. Report Type:
X Routine
With QC

19. Turnaround Time
X Standard
Rush: / /

Preservative Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

| Item | 9. Sample ID or No. | 10. Sample Description | 11. Date | Time | 12. Comp. | Grab | 13. Water (Codes) | Air | Soil | Sludge | Other | 8260 VOC's APP I | 8011 EDB App I | Metals App I Ca,Fe,Mg,Hg,K, Na, Al, M | Nutrients App I | Nutrients App I | Miscellaneous Inorgs App I | | | 20. REMARK | LAB USE ONLY LAB SAMPLE NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4510 | MW-10R | 091212 | 1045 | | X | gw | | | | | A,B,C | D,E | F | G | H | I | | | F:Metals App1 | -8 |
| 2 | 21453 | MW-8A | 091212 | 1321 | | X | gw | | | | | A,B,C | D,E | F | G | H | I | | | Ca,Fe,Mg,Hg,K,Na,Al,Mn | -9 |
| 3 | | | | | | X | gw | | | | | A,B,C | D,E | F | G | H | I | | | G:App1 + Ammonia, Nitrate | |
| 4 | | | | | | X | gw | | | | | A,B,C | D,E | F | G | H | I | | | H:App 1, Nitrite, NOX | |
| 5 | | | | | | X | gw | | | | | A,B,C | D,E | F | G | H | I | | | I:App 1, Bicarb, Carb, Chloride, Sulfate | |
| | | Trip blank#2 | 091212 | | | | | | | | | | | | | | | | | Sulfate, TDS | -10 |

| 21. RELINQUISHED BY | DATE | TIME | 22. RECEIVED BY | DATE | TIME |
|---|---|---|---|---|---|
| 1 Alison J Eggleston | 091212 | 1400 | [signature] | 9/13/12 | 1322 |
| 2 | | | [signature] Pace | 9/13/12 | 1615 |
| 3 BSC | 9/13/12 | 2200 | [signature] Platt | 9/14/12 | 3:00 |
| 4 | | | | | |

FOR LAB USE ONLY
Sampling Fee: _____ Hrs.
Equipment Rental Fee: _____
Profile No.: Quote No.:

PLEASE USE ADAPT

# CHAIN OF CUSTODY RECORD

No. E

Page 1 of 1

**PACE**
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 ● FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

FOR LAB USE ONLY
Temp. of Contents: 4.0 °C (or Received on Ice, ROI) Condition of Contents: JP-11C-09 Condition of Seals:

FOR LAB USE ONLY
Submission No. 3526 7547

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: 1255 T Mabry Carlton
City Venice State Fl. Zip Code 34293
Phone: ( 941 )650-9834
Fax: (941)480-3558

2. Report to: (if different from above)
Cesar Rodriguez

Address:
City State Zip Code
Phone: ( )
Fax: ( )

18. Report Type:
X Routine
With QC

19. Turnaround Time
X Standard
Rush : / /

3. Client Project Name:
Central County wells

4. Client Project No.:
No.: 120293

6. Custody Seal No.:

7. Sampled By: Alison Eggleston

8. Shipping Method:

| Water Sample Codes (for Item 13) | Container Codes (for Item 16) |
|---|---|
| DW = Drinking Water | V = VOA vial |
| GW = Ground Water | G = glass |
| SW = Surface Water | P = plastic |
| PW = Processed Water | M = micro bag/cup |
| WW = Waste Water | O = other |

14. 15. Preservatives S N C
16. Containers P P P
17.

Preservative Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

COOLER #2

| Item | 9. Sample ID or No. | 10. Sample Description | 11. Date | 11. Time | 12. Comp. | 12. Grab | 13. Water (Codes) | 13. Air | 13. Soil | 13. Sludge | 13. Other | Nutrients Total Ammonia-N | Metals Arsenic, Iron | Miscellaneous Inorgs: TDS | 20. REMARK | LAB USE ONLY LAB SAMPLE NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 22885 | CW-10R | 091212 | 0950 | | X | gw | | | | | A | B | C | | -11 |
| 2 | 22884 | CW-9 | 091212 | 1151 | | X | gw | | | | | A | B | C | | -12 |
| 3 | 22883 | CW-8A | 091212 | 1237 | | X | gw | | | | | A | B | C | | -13 |
| 5 | | equip blank #2 | 091212 | 0925 | | | | | | | | | | | | -14 |
| 6 | | | | | | | | | | | | | | | | |

| 21. RELINQUISHED BY | DATE | TIME | 22. RECEIVED BY | DATE | TIME |
|---|---|---|---|---|---|
| 1 Alison J Eggleston | 091212 | 1400 | | 9/13/12 | 1322 |
| 2 | | | | 9/13/12 | 1615 |
| 3 BSC | 9/13/12 | 2200 | | 9/14/12 | 3:00 |
| 4 | | | | | |

FOR LAB USE ONLY
Sampling Fee: _____ Hrs.
Equipment Rental Fee: _____
Profile No.:
Quote No.:

PLEASE USE ADAPT

# CHAIN OF CUSTODY RECORD

No. E

Page 1 of 1

**PACE**
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 ● FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

FOR LAB USE ONLY TB-11 CF=2.4 Condition of Contents: _____
Temp. of Contents: 4.0 °C (or Received on Ice, ROI) Condition of Seals: _____

FOR LAB USE ONLY Submission No. 3567547

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: 1255 T Mabry Carlton Parkway
Phone: (941)650-9834
City Sarasota State Fl. Zip Code 34293
Fax: (941)480-3558

2. Report to: (if different from above)
Cesar Rodriguez

Address:
Phone: ( ) 941 650-9834
City State Zip Code
Fax: ( )

3. Client Project Name:
Central County wells

4. Client Project No.:
No.: 120293

6. Custody Seal No.:

7. Sampled By: Alison Eggleston

8. Shipping Method:

18. Report Type:
X Routine
With QC

19. Turnaround Time
X Standard
Rush: / /

| Water Sample Codes (for Item 13) | Container Codes (for Item 16) |
|---|---|
| DW = Drinking Water | V = VOA vial |
| GW = Ground Water | G = glass |
| SW = Surface Water | P = plastic |
| PW = Processed Water | M = micro bag/cup |
| WW = Waste Water | O = other |

14.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 15. Preservatives | H | C | N | S | C | C | | |
| 16. Containers | V | V | P | P | P | P | | |
| 17. | | | | | | | | |

Preservative Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

| Item | 9. Sample ID or No. | 10. Sample Description | 11. Date | 11. Time | 12. Comp. | 12. Grab | 13. Water (Codes) | Air | Soil | Sludge | Other | 8260 VOC's App I | 8011 EDB App I | Metals App I Ca,Fe,Mg,Hg,K, Na, Al, M | Nutrients App I | Nutrients App I | Miscellaneous Inorgs App I | | | 20. REMARK | LAB USE ONLY LAB SAMPLE NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 23031 | MW-15 | 091312 | 0959 | | X | gw | | | | | A,B,C | D,E | F | G | H | I | | | F:Metals App1 | -15 |
| 2 | 23032 | MW-16 | 091312 | 1025 | | X | gw | | | | | A,B,C | D,E | F | G | H | I | | | Ca,Fe,Mg,Hg,K,Na,Al,Mn | -16 |
| 3 | 23033 | MW-17 | 091312 | 1229 | | X | gw | | | | | A,B,C | D,E | F | G | H | I | | | G:App1 + Ammonia, Nitrate | -17 |
| 4 | | Equip Blank #3 | 091312 | 1305 | | X | gw | | | | | A,B,C | D,E | F | G | H | I | | | H:App 1, Nitrite, NOX | -18 |
| 5 | | | | | | X | gw | | | | | A,B,C | D,E | F | G | H | I | | | I:App 1, Bicarb, Carb, Chloride, Sulfate | |
| | | Tripblank #3 | | | | | | | | | | | | | | | | | | Sulfate, TDS | -19 |

| 21. RELINQUISHED BY | DATE | TIME | 22. RECEIVED BY | DATE | TIME |
|---|---|---|---|---|---|
| 1 Alison J Eggleston | 091312 | 1328 | [signature] | 9/13/12 | 1328 |
| 2 | | | [signature] Pace | 9/13/12 | 1615 |
| 3 BSC | 9/13/12 | 2200 | [signature] | 9/14/12 | 3:00 |
| 4 | | | | | |

FOR LAB USE ONLY
Sampling Fee: _____ Hrs.
Equipment Rental Fee: _____
Profile No.: Quote No.:

PLEASE USE ADAPT

| Pace Analytical | Document Name: Sample Condition Upon Receipt Form | Document Revised: September 23, 2011 |
|---|---|---|
| | Document No.: F-FL-C-007 rev. 04 | Issuing Authorities: Pace Florida Quality Office |

## Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: SARAS Project # 3507547 add-on

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-113 Type of Ice: (Wet) Blue None

Cooler Temperature °C 0.4 (Visual) 0.0 (Correction Factor) 0.4 (Actual)

Date and Initials of person examining contents: JP 9/14/12

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

Receipt of samples satisfactory: ☑Yes ☐No Rush TAT requested on COC:

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

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

Project Manager Review: _____ Date: _____

### Finished Product Information Only

F.P. Sample ID: _____

Production Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Extra Sample in Shed: Yes No

**Size & Qty of Bottles Received**

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

WO#: 3567547

3567547

**PACE**
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 ● FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

**CHAIN**

Page 1 of 1

FOR LAB USE ONLY
Temp. of Contents:

ONLY
sion No.

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: 1255 T Mabry Carlton Parkway
Phone: ( 941 )650-9834

City Sarasota State Fl. Zip Code 34293
Fax: (941)480-3558

2. Report to: (if different from above)
Cesar Rodriguez

Address:
Phone: ( ) 941 650-9834

City State Zip Code
Fax: ( )

3. Client Project Name:
Central County wells

4. Client Project No.:
No.: 120293

6. Custody Seal No.:

7. Sampled By: Alison Eggleston

8. Shipping Method:

| Water Sample Codes (for Item 13) | Container Codes (for Item 16) |
|---|---|
| DW = Drinking Water | V = VOA vial |
| GW = Ground Water | G = glass |
| SW = Surface Water | P = plastic |
| PW = Processed Water | M = micro bag/cup |
| WW = Waste Water | O = other |

14. 15. Preservatives: H C N S C C
16. Containers: V V P P P P
17.

| Preservative Codes (for Item 15) |
|---|
| C = Cool Only |
| H = Hydrochloric Acid |
| M = Monochloroacetic Acid |
| N = Nitric Acid |
| OH = Sodium Hydroxide |
| S = Sulfuric Acid |
| T = Sodium Thiosulfate |

18. Report Type:
X Routine
With QC

19. Turnaround Time
X Standard
Rush : / /

| Item | 9. Sample ID or No. | 10. Sample Description | 11. Date | 11. Time | 12. Comp. | 12. Grab | 13. Water (Codes) | 13. Air | 13. Soil | 13. Sludge | 13. Other | 8260 VOC's APP I | 8011 EDB App I | Metals App I Ca,Fe,Mg,Hg,K,Na,Al,Mn | Nutrients App I | Nutrients App I | Miscellaneous Inorgs App I | | | 20 REMARK | LAB USE ONLY LAB SAMPLE NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 23036 | MW-20 | 09/4/12 | 0958 | | X | gw | | | | | A,B,C | D,E | F | G | H | I | | | F:Metals App1 | -20 |
| 2 | 23035 | MW-19 | 09/4/12 | 1102 | | X | gw | | | | | A,B,C | D,E | F | G | H | I | | | Ca,Fe,Mg,Hg,K,Na,Al,Mn | -21 |
| 3 | 23034 | MW-18 | 09/4/12 | 1218 | | X | gw | | | | | A,B,C | D,E | F | G | H | I | | | G:App1 + Ammonia, Nitrate | -22 |
| 4 | 20585 | MW-1R | 09/4/12 | 1350 | | X | gw | | | | | A,B,C | D,E | F | G | H | I | | | H:App 1, Nitrite, NOX | -23 |
| 5 | | | | | | X | gw | | | | | A,B,C | D,E | F | G | H | I | | | I:App 1, Bicarb, Carb, Chloride, Sulfate | |
| | | Trip blank #4 | 09/4/12 | | | | | | | | | | | | | | | | | Sulfate, TDS | -24 |

| 21. RELINQUISHED BY | DATE | TIME | 22. RECEIVED BY | DATE | TIME |
|---|---|---|---|---|---|
| 1 Alison L Eggleston | 09/4/12 | 1420 | | 9-5-12 | 0030 |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |

FOR LAB USE ONLY
Sampling Fee: _____ Hrs.
Equipment Rental Fee: _____
Profile No.: Quote No.:

T-119 0.0

PLEASE USE ADAPT

| Pace Analytical | Document Name: Sample Condition Upon Receipt Form | Document Revised: September 23, 2011 |
|---|---|---|
| | Document No.: F-FL-C-007 rev. 04 | Issuing Authorities: Pace Florida Quality Office |

## Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: Sanco Project # 3567547 add on

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: LW 9-15-12

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

Thermometer Used T119 Type of Ice: (Wet) Blue None

Cooler Temperature °C -0.2 (Visual) +0.2 (Correction Factor) 0.0 (Actual)

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

Receipt of samples satisfactory: ☑ Yes ☐ No

Rush TAT requested on COC:

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

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

Project Manager Review: _____ Date: _____

### Finished Product Information Only

F.P. Sample ID: _____

Production Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Extra Sample In Shed: Yes No

Size & Qty of Bottles Received

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

CF=0
TP-1

WO# : 3567547

3567547

**PACE, Inc.**
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 ● FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

# CHAIN OF CU



FOR LAB USE ONLY
Temp. of Contents: 5.0 °C (or Receiv

E ONLY
sion No.

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: 1255 T.Mabry Carlton Pkway
City Venice State Fl. Zip Code 34292
Phone: (941)650-9834
Fax: (941)480-3558

18. Report Type:
X Routine
With QC

2. Report to: (if different from above)
Cesar Rodriguez/Heather Bryen

Address:
City State Zip Code
Phone: ( )
Fax: ( )

19. Turnaround Time
X Standard
Rush : / /

3. Client Project Name:
Central County Leachate annual

4. Client Project No.:
No.: 120293

6. Custody Seal No.:

7. Sampled By: Alison Eggleston

8. Shipping Method:

| Water Sample Codes (for Item 13) | Container Codes (for Item 16) |
|---|---|
| DW = Drinking Water | V = VOA vial |
| GW = Ground Water | G = glass |
| SW = Surface Water | P = plastic |
| PW = Processed Water | M = micro bag/cup |
| WW = Waste Water | O = other |

14.

| 15. Preservatives | H | C | C | C | C | C | C | N |
|---|---|---|---|---|---|---|---|---|
| 16. Containers | V | V | G | G | G | G | G | P |

17.

Preservative Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

| Item | 9. Sample ID or No. | 10. Sample Description | 11. Date | Time | 12. Comp | Grab | 13. Water (Codes) | Air | Soil | Sludge | Other | 8260 VOC's APP II | 8011 EDB App II | 8270 App II | 8081 App II | 8082 App II | 8151 App II | 8141 App II | Metals App II Ca,Fe,Mg, Hg, K | 20. REMARK | LAB USE ONLY LAB SAMPLE NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | Equipment Blank | 0915 | | | X | LE | | | | 4 | A,B,C, D | | | | | | | | Metals:App II + Ca,Fe,Mg, | 25 |
| 2 | | ↓ | 091812 | 0915 | | X | LE | | | | 2 | | E,F | | | | | | | Hg,K,Na | |
| 3 | | ↓ | | | | X | LE | | | | 2 | | | G,H | | | | | | Total ammonia-N, Tot alkalinity | |
| 4 | | ↓ | | | | X | LE | | | | 1 | | | | I | | | | | Carbonate, Chloride, Nitrate, | |
| 5 | | ↓ | | | | X | LE | | | | 1 | | | | | J | | | | Sulfate, TDS, BOD, COD | |
| 6 | | ↓ | | | | X | LE | | | | 2 | | | | | | K | | | | |
| 7 | | ↓ | | | | X | LE | | | | 1 | | | | | | | L | | | |
| 8 | | ↓ | | | | X | LE | | | | 1 | | | | | | | | M | | |

| 21. RELINQUISHED BY | DATE | TIME | 22. RECEIVED BY | DATE | TIME |
|---|---|---|---|---|---|
| 1 Alison Eggleston | 091812 | 1440 | [illegible] | 9-18-12 | 1440 |
| 2 BSL | 9-8-12 | 2[illegible] | [illegible] | 9/19/12 | 3:30 |
| 3 | | | | | |
| 4 | | | | | |

FOR LAB USE ONLY
Sampling Fee: _____ Hrs.
Equipment Rental Fee: _____
Profile No.: Quote No.:

DISTRIBUTION: White with report; make copies as needed

Revised: 1/99

Please use ADAPT

CF=0
TP-14

**PACE, Inc.**
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 ● FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

# CHAIN OF CUSTODY RECORD

No. E

Page 2 of 2

FOR LAB USE ONLY
Temp. of Contents: 5.0 °C (or Received on Ice, ROI)
Condition of Contents: _____
Condition of Seals: _____

FOR LAB USE ONLY
Submission No.

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: 1255 T. Mabry Carlton Pkwy.
City Venice State Fl. Zip Code 34292
Phone: (941)650-9834
Fax: (941)480-3558

18. Report Type:
X Routine
With QC

2. Report to: (if different from above)
Cesar Rodriguez/Heather Bryen

Address:
City State Zip Code
Phone: ( )
Fax: ( )

19. Turnaround Time
X Standard
Rush: / /

3. Client Project Name:
Central County Leachate annual

4. Client Project No.:
No.: 120293

6. Custody Seal No.:

7. Sampled By: Alison Eggleston

8. Shipping Method:

| Water Sample Codes (for Item 13) | Container Codes (for Item 16) |
|---|---|
| DW = Drinking Water | V = VOA vial |
| GW = Ground Water | G = glass |
| SW = Surface Water | P = plastic |
| PW = Processed Water | M = micro bag/cup |
| WW = Waste Water | O = other |

14.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 15. Preservatives | S | ZnAc | OH | C | | | | | |
| 16. Containers | P | P | P | P | | | | | |
| 17. | | | | | | | | | |

Preservative Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

| Item | 9. Sample ID or No. | 10. Sample Description | 11. Date | Time | 12. Comp. | Grab | 13. Water (Codes) | Air | Soil | Sludge | Other | Nutrients App II | Sulfide | Cyanide | Inorganics, App II | | | | | 20. REMARK | LAB USE ONLY LAB SAMPLE NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | Equipment Blank | 091812 | 0915 | | X | LE | | | | 1 | N | | | | | | | | Total ammonia-N, Tot alkalinity | |
| 2 | | ↓ | ↓ | ↓ | | X | LE | | | | 1 | | O | | | | | | | Carbonate, Chloride, Nitrate, | |
| 3 | | ↓ | ↓ | ↓ | | X | LE | | | | 1 | | | P | | | | | | Sulfate, TDS, BOD, COD | |
| 4 | | ↓ | ↓ | ↓ | | X | LE | | | | 2 | | | | Q,R | | | | | | |
| 5 | | Trip Blank ~~EQ Bl.~~ #3 | 091812 | | | | | | | | 3 | | | | | | | | | | -26 |
| 6 | | 5 | | | | | | | | | | | | | | | | | | | |

| 21. RELINQUISHED | DATE | TIME | 22. RECEIVED BY | DATE | TIME |
|---|---|---|---|---|---|
| 1. Alison Eggleston | 091812 | 1440 | Ben [illegible] Row | 9-18-12 | 1440 |
| 2. BSC | 9-19-12 | 2am | [illegible] | 9/19/12 | 3:30 |
| 3. | | | | | |
| 4. | | | | | |

FOR LAB USE ONLY
Sampling Fee: _____ Hrs.
Equipment Rental Fee: _____
Profile No.:
Quote No.:

DISTRIBUTION: White with report; make copies as needed

Revised: 1/99

Please use ADAPT

TT-14
CF=0

**PACE, Inc.**
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 ● FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

# CHAIN OF CUSTODY RECORD

No. E

Page 1 of 2

FOR LAB USE ONLY
Temp. of Contents: 5.0 °C (or Received on Ice, ROI)
Condition of Contents: _____
Condition of Seals: _____

FOR LAB USE ONLY
Submission No.

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: 1255 T.Mabry Carlton Pkway
City Venice State Fl. Zip Code 34292
Phone: (941)650-9834
Fax: (941)480-3558

18. Report Type:
X Routine
With QC

2. Report to: (If different from above)
Cesar Rodriguez/Heather Bryen

Address:
City State Zip Code
Phone: ( )
Fax: ( )

19. Turnaround Time:
X Standard
Rush: / /

3. Client Project Name:
Central County Leachate annual

4. Client Project No.:
No.: 120293

6. Custody Seal No.:

7. Sampled By: Alison Eggleston

8. Shipping Method:

| Water Sample Codes (for Item 13) | Container Codes (for Item 16) |
|---|---|
| DW = Drinking Water | V = VOA vial |
| GW = Ground Water | G = glass |
| SW = Surface Water | P = plastic |
| PW = Processed Water | M = micro bag/cup |
| WW = Waste Water | O = other |

14.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 15. Preservatives | H | C | C | C | C | C | C | N |
| 16. Containers | V | V | G | G | G | G | G | P |

17.

Preservative Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

| Item | 9. Sample ID or No. | 10. Sample Description | 11. Date | Time | 12. Comp. | Grab | 13. Water (Codes) | Air | Soil | Sludge | Other | 8260 VOC's App II | 8011 EDB App II | 8270 App II | 8081 App II | 8082 App II | 8151 App II | 8141 App II | Metals App II Ca,Fe,Mg, Hg, K | 20. REMARK | LAB USE ONLY LAB SAMPLE NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 23346 | S-4 | 091812 | 1230 | | X | LE | | | | 4 | A,B,C, D | | | | | | | | Metals:App II + Ca,Fe,Mg, | -31 |
| 2 | | ↓ | | | | X | LE | | | | 2 | | E,F | | | | | | | Hg,K,Na | |
| 3 | | ↓ | | | | X | LE | | | | 2 | | | G,H | | | | | | Total ammonia-N, Tot alkalinity | |
| 4 | | ↓ | | | | X | LE | | | | 1 | | | | I | | | | | Carbonate, Chloride, Nitrate, | |
| 5 | | ↓ | | | | X | LE | | | | 1 | | | | | J | | | | Sulfate, TDS, BOD, COD | |
| 6 | | ↓ | | | | X | LE | | | | 1 | | | | | | K | | | | |
| 7 | | ↓ | | | | X | LE | | | | 1 | | | | | | | L | | | |
| 8 | | ↓ | | | | X | LE | | | | 1 | | | | | | | | M | | |

| 21. RELINQUISHED BY | DATE | TIME | 22. RECEIVED BY | DATE | TIME |
|---|---|---|---|---|---|
| 1 Alison J Eggleston | 091812 | 1440 | [signature] | 91812 | 1440 |
| 2 [signature] | 9-18-12 | 2:00 | [signature] | 9/19/12 | 3:30 |
| 3 | | | | | |
| 4 | | | | | |

FOR LAB USE ONLY
Sampling Fee: _____ Hrs.
Equipment Rental Fee: _____
Profile No.:
Quote No.:

DISTRIBUTION: White with report; make copies as needed

Revised: 1/99

Please use ADAPT

3567547

CF 20
TP-14

# PACE, Inc.

8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 ● FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

## CHAIN OF CUSTODY RECORD No. E

Page 2 of 2

FOR LAB USE ONLY
Temp. of Contents: 5 °C (or Received on Ice, ROI)
Condition of Contents:
Condition of Seals:

FOR LAB USE ONLY
Submission No.

| | | |
|---|---|---|
| 1. Client: (Company or individual) | Address: 1255 T. Mabry Carlton Pkwy. | Phone: ( 941 )650-9834 |
| Sarasota County Environmental Services | City Venice State Fl. Zip Code 34292 | Fax: ( 941)480-3558 |
| 2. Report to: (if different from above) | Address: | Phone: ( ) |
| Cesar Rodriguez/Heather Bryen | City State Zip Code | Fax: ( ) |

18. Report Type:
X Routine
With QC

19. Turnaround Time:
X Standard
Rush : / /

3. Client Project Name: Central County Leachate annual
4. Client Project No.: No.: 120293
6. Custody Seal No.:
7. Sampled By: Alison Eggleston
8. Shipping Method:

| Water Sample Codes (for Item 13) | Container Codes (for Item 16) |
|---|---|
| DW = Drinking Water | V = VOA vial |
| GW = Ground Water | G = glass |
| SW = Surface Water | P = plastic |
| PW = Processed Water | M = micro bag/cup |
| WW = Waste Water | O = other |

14. 15. Preservatives: S, ZnAc, OH, C
16. Containers: P, P, P, P
17.

Preservative Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

| Item | 9. Sample ID or No. | 10. Sample Description | 11. Date | 11. Time | 12. Comp. | 12. Grab | 13. Water (Codes) | Air | Soil | Sludge | Other | Nutrients App II | Sulfide | Cyanide | Inorganics, App II | | | | | 20. REMARK | LAB USE ONLY LAB SAMPLE NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 23346 | S-4 | 091812 | 1258 | | X | LE | | | | 1 | N | | | | | | | | Total ammonia-N, Tot alkalinity | |
| 2 | | ↓ | | | | X | LE | | | | 1 | | O | | | | | | | Carbonate, Chloride, Nitrate, | |
| 3 | | ↓ | | | | X | LE | | | | 1 | | | P | | | | | | Sulfate, TDS, BOD, COD | |
| 4 | | ↓ | | | | X | LE | | | | 2 | | | | Q,R | | | | | | -32 |
| 5 | | Trip Blank | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | |

| 21. RELINQUISHED | DATE | TIME | 22. RECEIVED BY | DATE | TIME |
|---|---|---|---|---|---|
| 1 Alison J Eggleston BSC | 091812 | 1440 | | 9.18.12 | 1440 |
| 2 | 9-18-12 | 2pm | | 9/19/12 | 3:30 |
| 3 | | | | | |
| 4 | | | | | |

FOR LAB USE ONLY
Sampling Fee: _____ Hrs.
Equipment Rental Fee: _____
Profile No.: Quote No.:

DISTRIBUTION: White with report; make copies as needed

Revised: 1/99

Please use ADAPT

| Pace Analytical | Document Name: Sample Condition Upon Receipt Form | Document Revised: September 23, 2011 |
|---|---|---|
| | Document No.: F-FL-C-007 rev. 04 | Issuing Authorities: Pace Florida Quality Office |

## Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: SARASTOTA Project # 3567547 add on (25 –

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-113 Type of Ice: (Wet) Blue None

Cooler Temperature °C 2.1 (Visual) 0.0 (Correction Factor) 2.1 (Actual)

Date and Initials of person examining contents: JP 9/19/12

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

Receipt of samples satisfactory: ☑ Yes ☐ No

Rush TAT requested on COC:

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

**Client Notification/ Resolution:**

Person Contacted: _____ Date/Time: _____

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

**Project Manager Review:** _____ **Date:** _____

### Finished Product Information Only

F.P. Sample ID: _____

Production Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Extra Sample in Shed: Yes No

**Size & Qty of Bottles Received**

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

# CHAIN OF CUSTODY

Page 1 of 2

**Pace Analytical**
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 ● FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

**WO# : 3567547**

3567547

FOR LAB USE ONLY — Condition of Co — Temp. of Contents: 5 W °C (or Received on Ice, RO

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: 1255 T Mabry Carlton Parkway

City Venice State Fl. Zip Code 34293

Fax: (941)480-3558

2. Report to: (if different from above)
Cesar Rodriguez

Address:

Phone: ( )

City State Zip Code

Fax: ( )

3. Client Project Name:
Central Cty Solid Waste disposal surface water

4. Client Project No.:

No.: 120293

6. Custody Seal No.:

7. Sampled By: Alison Eggleston

8. Shipping Method:

| Water Sample Codes (for Item 13) | Container Codes (for Item 16) |
|---|---|
| DW = Drinking Water | V = VOA vial |
| GW = Ground Water | G = glass |
| SW = Surface Water | P = plastic |
| PW = Processed Water | M = micro bag/cup |
| WW = Waste Water | O = other |

| Preservative Codes (for Item 15) |
|---|
| C = Cool Only |
| H = Hydrochloric Acid |
| M = Monochloroacetic Acid |
| N = Nitric Acid |
| OH = Sodium Hydroxide |
| S = Sulfuric Acid |
| T = Sodium Thiosulfate |

Report Type:
- Routine
- With QC

19. Turnaround Time
- X Standard
- Rush : / /

14. 15. Preservatives / 16. Containers / 17.

| | H V | C V | H V | N P | S P | C P | C P | T M |
|---|---|---|---|---|---|---|---|---|
| | VOC 258 App I | EDB 258 App I | TOC | Metals 258 App I ( | Nutrients 258 App. | Misc Inorganics | Chlorophyll A | Fecal coliform |

| Item | 9. Sample ID or No. | 10. Sample Description | 11. Date | 11. Time | 12. Comp. | 12. Grab | 13. Water (Codes) | Air | Soil | Sludge | Other | 20. REMARK | LAB USE ONLY LAB SAMPLE NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 28824 | Pond 1 | 091912 | 1040 | | X | SW | | | | | A,B,C | |
| 2 | | | | | | X | SW | | | | | D,E | |
| 3 | | | | | | X | SW | | | | | F,G | |
| 4 | | | | | | X | SW | | | | | H | |
| 5 | | | | | | X | SW | | | | | I | |
| 6 | | | | | | X | SW | | | | | KL | |
| 7 | | | | | | X | SW | | | | | O | |
| 8 | | | | | | X | SW | | | | | P | |
| 9 | | | | | | X | SW | | | | | | |
| 10 | | Trip blank | | | | | | | | | | X | |

H: Ca,Fe,Mg,Hg,K, Na

F,G: TOC

I: Un-ionized Ammonia,
Tot N, total phosphorus, Nitrate

K,L,: TDS,COD, BOD, Tot. hardness

TSS, Bicarbonate, Carbonate, Sulfate

P:Fecal coliform, O:Chlorophyll A

| 21. RELINQUISHED BY | DATE | TIME | 22. RECEIVED BY | DATE | TIME |
|---|---|---|---|---|---|
| 1 Alison Eggleston | 091912 | 1300 | | 9-19-12 | 13 |
| 2 BSC | 9-19-12 | 2 | PDatt | 9/20/12 | 03:30 |
| 3 | | | | | |
| 4 | | | | | |

FOR LAB USE ONLY
Sampling Fee: _____ Hrs.
Equipment Rental Fee: _____
Profile No.: Quote No.:

DISTRIBUTION: White with report; make copies as needed

Revised: 1/99

COOLER #1

33

PLEASE USE ADAPT

WO# : 3567547

3567547

**Pace Analytical**
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 ● FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

# CHAIN OF CUSTODY

CFEO TR-4



FOR LAB USE ONLY
Condition of Contents:
Temp. of Contents: 5.6 °C (or Received on Ice, ROI)
Condition of Seals:

Submission No.

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: 1255 T Mabry Carlton Parkway
City Venice State Fl. Zip Code 34293
Phone: (941)650-9834
Fax: (941)480-3558

2. Report to: (if different from above)
Cesar Rodriguez

Address:
City State Zip Code
Phone: ( )
Fax: ( )

18. Report Type:
X Routine
With QC

19. Turnaround Time
X Standard
Rush: / /

3. Client Project Name:
Central Cty Solid Waste disposal surface water

4. Client Project No.:
No.: 120293

6. Custody Seal No.:

7. Sampled By: Alison Eggleston

8. Shipping Method:

| Water Sample Codes (for Item 13) | Container Codes (for Item 16) |
|---|---|
| DW = Drinking Water | V = VOA vial |
| GW = Ground Water | G = glass |
| SW = Surface Water | P = plastic |
| PW = Processed Water | M = micro bag/cup |
| WW = Waste Water | O = other |

14. 15. Preservatives C
16. Containers G
17.

Preservative Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

| Item | 9. Sample ID or No. | 10. Sample Description | 11. Date | 11. Time | 12. Comp. | 12. Grab | 13. Water (Codes) | Air | Soil | Sludge | Other | Low level mercury | 20. REMARK | LAB USE ONLY LAB SAMPLE NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 28824 | Pond 1 | 091912 | 1040 | | X | SW | | | | | Q | | |
| 2 | | [redacted] | | | | | | | | | | [redacted] | | |
| 3 | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |

-33

| 21. RELINQUISHED BY | DATE | TIME | 22. RECEIVED BY | DATE | TIME |
|---|---|---|---|---|---|
| 1 Alison J Eggleston | 091912 | 1300 | [signature] | 9-19-12 | 1700 |
| 2 [signature] | 9-19-12 | 2100 | [signature] | 9/20/12 | 03:30 |
| 3 | | | | | |
| 4 | | | | | |

FOR LAB USE ONLY
Sampling Fee: Hrs.
Equipment Rental Fee:
Profile No.: Quote No.:

DISTRIBUTION: White with report; make copies as needed

Revised: 1/99

PLEASE USE ADAPT

**Pace Analytical**
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 ● FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

# CHAIN OF CUSTODY RECORD

No. E

Page 1 of 2

CF 20
TR-14

FOR LAB USE ONLY
Condition of Contents:
Temp. of Contents: 5.0 °C (or Received on Ice, ROI)
Condition of Seals:

FOR LAB USE ONLY
Submission No.

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: 1255 T Mabry Carlton Parkway
City Venice State Fl. Zip Code 34293
Phone: (941)650-9834
Fax: (941)480-3558

2. Report to: (if different from above)
Cesar Rodriguez

Address:
City State Zip Code
Phone: ( )
Fax: ( )

18. Report Type:
X Routine
With QC

19. Turnaround Time
X Standard
Rush: / /

3. Client Project Name:
Central Cty Solid Waste disposal surface water

4. Client Project No.:
No.: 120293

6. Custody Seal No.:

7. Sampled By: Alison Eggleston

8. Shipping Method:

| Water Sample Codes (for Item 13) | Container Codes (for Item 16) |
|---|---|
| DW = Drinking Water | V = VOA vial |
| GW = Ground Water | G = glass |
| SW = Surface Water | P = plastic |
| PW = Processed Water | M = micro bag/cup |
| WW = Waste Water | O = other |

14.

| 15. Preservatives | H | C | H | N | S | C | C | T |
|---|---|---|---|---|---|---|---|---|
| 16. Containers | V | V | V | P | P | P | P | M |

17.

Preservative Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

| Item | 9. Sample ID or No. | 10. Sample Description | 11. Date | 11. Time | 12. Comp. | 12. Grab | 13. Water (Codes) | Air | Soil | Sludge | Other | VOC 258 App I | EDB 258 App I | TOC | Metals 258 App I ( | Nutrients 258 App. | Misc Inorganics | Chlorophyll A | Fecal coliform | 20. REMARK | LAB USE ONLY LAB SAMPLE NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 28825 | Pond 2 | 091912 | 1110 | | X | SW | | | | | A,B,C | | | | | | | | | |
| 2 | | | | | | X | SV | | | | | | D,E | | | | | | | H: Ca,Fe,Mg,Hg,K, Na | |
| 3 | | | | | | X | SW | | | | | | | F,G | | | | | | F,G: TOC | |
| 4 | | | | | | X | SW | | | | | | | | H | | | | | I: Un-ionized Ammonia, | |
| 5 | | | | | | X | SW | | | | | | | | | I | | | | Tot N, total phosphorus, Nitrate | |
| 6 | | | | | | X | SW | | | | | | | | | | KL | | | K,L,: TDS,COD, BOD, Tot. hardness | |
| 7 | | | | | | X | SW | | | | | | | | | | | O | | TSS, Bicarbonate, Carbonate, Sulfate | |
| 8 | | ▼ | | | | X | SW | | | | | | | | | | | | P | | |
| 9 | | ▼ | | | | X | SW | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | P:Fecal coliform, O:Chlorophyll A | |

34

| 21. RELINQUISHED BY | DATE | TIME | 22. RECEIVED BY | DATE | TIME |
|---|---|---|---|---|---|
| 1 Alison J Eggleston | 091912 | 1300 | [signature] Rec | 9-19-12 | 1200 |
| 2 BCC | 9.19.12 | 2000 | [signature] | 9/20/12 | 03:30 |
| 3 | | | | | |
| 4 | | | | | |

FOR LAB USE ONLY
Sampling Fee: _____ Hrs.
Equipment Rental Fee: _____
Profile No.:
Quote No.:

DISTRIBUTION: White with report; make copies as needed

Revised: 1/99

PLEASE USE ADAPT

# CHAIN OF CUSTODY RECORD

No. E

Page 2 of 2

**Pace Analytical**
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 • FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

FOR LAB USE ONLY
Temp. of Contents: 5° °C (or Received on Ice, ROI)
Condition of Contents:
Condition of Seals:

FOR LAB USE ONLY
Submission No.

1. Client: (Company or Individual)
Sarasota County Environmental Services

Address: 1255 T Mabry Carlton Parkway
City Venice State Fl. Zip Code 34293
Phone: ( 941 )650-9834
Fax: ( 941)480-3558

2. Report to: (if different from above)
Cesar Rodriguez

Address:
City State Zip Code
Phone: ( )
Fax: ( )

3. Client Project Name:
Central Cty Solid Waste disposal surface water

4. Client Project No.:

No.: 120293

6. Custody Seal No.:

7. Sampled By: Alison Eggleston

8. Shipping Method:

| Water Sample Codes (for Item 13) | Container Codes (for Item 16) |
|---|---|
| DW = Drinking Water | V = VOA vial |
| GW = Ground Water | G = glass |
| SW = Surface Water | P = plastic |
| PW = Processed Water | M = micro bag/cup |
| WW = Waste Water | O = other |

14. 15. Preservatives: C
16. Containers: G
17.

| Preservative Codes (for Item 15) |
|---|
| C = Cool Only |
| H = Hydrochloric Acid |
| M = Monochloroacetic Acid |
| N = Nitric Acid |
| OH = Sodium Hydroxide |
| S = Sulfuric Acid |
| T = Sodium Thiosulfate |

18. Report Type:
X Routine
With QC

19. Turnaround Time
X Standard
Rush : / /

| Item | 9. Sample ID or No. | 10. Sample Description | 11. Date | 11. Time | 12. Comp. | 12. Grab | 13. Water (Codes) | 13. Air | 13. Soil | 13. Sludge | 13. Other | Low level mercury | 20. REMARK | LAB USE ONLY LAB SAMPLE NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 28825 | Ford 2 | 091912 | 1110 | | X | SW | | | | | Q | | 34 |
| 2 | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | -35 |
| 10 | | Trip blank-AB | 091912 | | | | | | | | | | | |

| 21. RELINQUISHED BY | DATE | TIME | 22. RECEIVED BY | DATE | TIME |
|---|---|---|---|---|---|
| 1 Alison J Eggleston BA | 091912 | 1300 | | 9-19-12 | 13:0 |
| 2 | 9-19-12 | 2 | | 9/20/12 | 03:30 |
| 3 | | | | | |
| 4 | | | | | |

FOR LAB USE ONLY
Sampling Fee: Hrs.
Equipment Rental Fee:
Profile No.: Quote No.:

DISTRIBUTION: White with report; make copies as needed

Revised: 1/99

PLEASE USE ADAPT

# CHAIN OF CUSTODY RECORD

No. E

Page 1 of 2

**Pace Analytical**
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 ● FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

FOR LAB USE ONLY — Temp. of Contents: 5w °C (or Received on Ice, ROI) — Condition of Contents: Temp — Condition of Seals:

FOR LAB USE ONLY — Submission No.

1. Client: (Company or Individual) — Sarasota County Environmental Services
Address: 1255 T Mabry Carlton Parkway — Phone: ( 941 )650-9834
City Venice — State Fl. — Zip Code 34293 — Fax: (941)480-3558

2. Report to: (if different from above) — Cesar Rodriguez
Address: — Phone: ( )
City — State — Zip Code — Fax: ( )

18. Report Type: X Routine; With QC
19. Turnaround Time: X Standard; Rush : / /

3. Client Project Name: Central Cty Solid Waste disposal surface water
4. Client Project No.:
No.: 120293
6. Custody Seal No.:
7. Sampled By: Alison Eggleston
8. Shipping Method:

| Water Sample Codes (for Item 13) | Container Codes (for Item 16) |
|---|---|
| DW = Drinking Water | V = VOA vial |
| GW = Ground Water | G = glass |
| SW = Surface Water | P = plastic |
| PW = Processed Water | M = micro bag/cup |
| WW = Waste Water | O = other |

| Preservative Codes (for Item 15) |
|---|
| C = Cool Only |
| H = Hydrochloric Acid |
| M = Monochloroacetic Acid |
| N = Nitric Acid |
| OH = Sodium Hydroxide |
| S = Sulfuric Acid |
| T = Sodium Thiosulfate |

| Item | 9. Sample ID or No. | 10. Sample Description | 11. Date | 11. Time | 12. Comp. | 12. Grab | 13. Water (Codes) | 13. Air | 13. Soil | 13. Sludge | 13. Other | 14. | 15. Preservatives | 16. Containers | 17. VOC 258 App I | EDB 258 App I | TOC | Metals 258 App I | Nutrients 258 App. | Misc Inorganics | Chlorophyll A | Fecal coliform | 20. REMARK | LAB USE ONLY LAB SAMPLE NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | H | V | | | | | | | | | | |
| | | | | | | | | | | | | | C | V | | | | | | | | | | |
| | | | | | | | | | | | | | H | V | | | | | | | | | | |
| | | | | | | | | | | | | | N | P | | | | | | | | | | |
| | | | | | | | | | | | | | S | P | | | | | | | | | | |
| | | | | | | | | | | | | | C | P | | | | | | | | | | |
| | | | | | | | | | | | | | C | P | | | | | | | | | | |
| | | | | | | | | | | | | | T | M | | | | | | | | | | |
| 1 | | field blank | 091912 | 1016 | | X | SW | | | | | | | | A,B,C | | | | | | | | | H: Ca,Fe,Mg,Hg,K, Na — 36 |
| 2 | | " | " | " | | X | SW | | | | | | | | | D,E | | | | | | | | |
| 3 | | " | " | " | | X | SW | | | | | | | | | | F,G | | | | | | | F,G: TOC |
| 4 | | " | " | " | | X | SW | | | | | | | | | | | H | | | | | | I: Un-ionized Ammonia, |
| 5 | | " | " | " | | X | SW | | | | | | | | | | | | I | | | | | Tot N, total phosphorus, Nitrate |
| 6 | | " | " | " | | X | SW | | | | | | | | | | | | | KL | | | | K,L,: TDS,COD, BOD, Tot. hardness |
| 7 | | " | " | " | | X | SW | | | | | | | | | | | | | | O | | | TSS, Bicarbonate, Carbonate, Sulfate |
| 8 | | ▼ | | | | X | SW | | | | | | | | | | | | | | | P | | |
| 9 | | ▼ | ↓ | ↓ | | X | SW | | | | | | | | | | | | | | | | | |
| 10 | | Trip blank A | 091912 | | | | | | | | | | | | X | | | | | -37 | | | | P:Fecal coliform, O:Chlorophyll A |

| 21. RELINQUISHED BY | DATE | TIME | 22. RECEIVED BY | DATE | TIME |
|---|---|---|---|---|---|
| 1 Alison J Eggleston | 091912 | 1300 | | 9-19-12 | 1300 |
| 2 JJ BSc | 9/19/12 | 2 | | 9/20/12 | 03:30 |
| 3 | | | | | |
| 4 | | | | | |

FOR LAB USE ONLY — Sampling Fee: _____ Hrs. — Equipment Rental Fee: _____ — Profile No.: — Quote No.:

DISTRIBUTION: White with report; make copies as needed

Revised: 1/99

PLEASE USE ADAPT

**Pace Analytical**
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668 ● FAX (386)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

# CHAIN OF CUSTODY RECORD

CF=0

No. E

Page 2 of 2

FOR LAB USE ONLY JRW
Condition of Contents:
Temp. of Contents: 5.0 °C (or Received on Ice, ROI)
Condition of Seals:

FOR LAB USE ONLY
Submission No.

1. Client: (Company or Individual)
Sarasota County Environmental Services
Address: 1255 T Mabry Carlton Parkway
City Venice State Fl. Zip Code 34293
Phone: (941)650-9834
Fax: (941)480-3558

2. Report to: (if different from above)
Cesar Rodriguez
Address:
City State Zip Code
Phone: ( )
Fax: ( )

18. Report Type:
X Routine
With QC

19. Turnaround Time:
X Standard
Rush: / /

3. Client Project Name:
Central Cty Solid Waste disposal surface water

4. Client Project No.:
No.: 120293

6. Custody Seal No.:

7. Sampled By: Alison Eggleston

8. Shipping Method:

| Water Sample Codes (for Item 13) | Container Codes (for Item 16) |
|---|---|
| DW = Drinking Water | V = VOA vial |
| GW = Ground Water | G = glass |
| SW = Surface Water | P = plastic |
| PW = Processed Water | M = micro bag/cup |
| WW = Waste Water | O = other |

14. 15. Preservatives C
16. Containers G
17.

Preservative Codes (for Item 15)
C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

| Item | 9. Sample ID or No. | 10. Sample Description | 11. Date | 11. Time | 12. Comp. | 12. Grab | 13. Water (Codes) | Air | Soil | Sludge | Other | Low level mercury | 20. REMARK | LAB USE ONLY LAB SAMPLE NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | field blank | 091912 | 1010 | | X | SW | | | | | Q | | -36 |
| 2 | | ~~Blank~~ | | | | | | | | | | ~~R~~ | | |
| 3 | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | ~~trip blank A~~ | | | | | | | | | | | | |

| 21. RELINQUISHED BY | DATE | TIME | 22. RECEIVED BY | DATE | TIME |
|---|---|---|---|---|---|
| 1 Alison J Eggleston | 091912 | 1300 | [signature] | 9-19-12 | 13 |
| 2 BSC | 9-19-12 | 2 | [signature] | 9/20/12 | 03:30 |
| 3 | | | | | |
| 4 | | | | | |

FOR LAB USE ONLY
Sampling Fee: Hrs.
Equipment Rental Fee:
Profile No.: Quote No.:

DISTRIBUTION: White with report; make copies as needed

Revised: 1/99

PLEASE USE ADAPT

| Pace Analytical | Document Name: Sample Condition Upon Receipt Form | Document Revised: September 23, 2011 |
|---|---|---|
| | Document No.: F-FL-C-007 rev. 04 | Issuing Authorities: Pace Florida Quality Office |

## Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: SARASOTA Project # 3567547

add-on # ~~33-36~~ (33-37)

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-113 Type of Ice: (Wet) Blue None

Cooler Temperature °C 3.1 (Visual) 0.0 (Correction Factor) 3.1 (Actual)

Date and Initials of person examining contents: JP 9/20/12

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

Receipt of samples satisfactory: ☑ Yes ☐ No Rush TAT requested on COC:

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

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

Project Manager Review: _____ Date: _____

### Finished Product Information Only

F.P. Sample ID: _____

Production Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Extra Sample in Shed: Yes No

Size & Qty of Bottles Received

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

# Chain of Custody

4067541

JPD

Pace Analytical®
www.pacelabs.com

**Workorder:** 3567547 **Workorder Name:** Sarasota Central Landfill Comp **Owner Received Date:** 9/19/2012 **Results Requested By:** 10/3/2012

| Report To | Subcontract To |
|---|---|
| Joe Vondrick<br>Pace Analytical Services, Inc.<br>8 East Tower Circle<br>Ormond Beach, FL 32174<br>Phone (386)672-5668<br>Fax (386)672-5668 | Pace Analytical Green Bay<br>1241 Bellevue Street<br>Suite 9<br>Green Bay, WI 54302<br>Phone (920)469-2436 |

| Item | Sample ID | Sample Type | Collect Date/Time | Lab ID | Matrix | Preserved Containers: Other | 1631-Low-Level Mercury - needs results and QC reported in ug/L | LAB USE ONLY |
|---|---|---|---|---|---|---|---|---|
| 1 | Pond #1 001 | PS | 9/19/2012 10:40 | 3567547033 | Water | 1 | X | 1-500 ng/L A |
| 2 | Pond #2 002 | PS | 9/19/2012 11:10 | 3567547034 | Water | 1 | X | |
| 3 | Field Blank (9/19/12) 003 | PS | 9/19/2012 10:10 | 3567547036 | Water | 1 | X | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |

Requested Analysis

Comments

| Transfers | Released By | Date/Time | Received By | Date/Time |
|---|---|---|---|---|
| 1 | DS | 9/20/12 1600 | | |
| 2 | Fed Ex | 9/24/12 0910 | Susan Kilfoe Pace | 9/24/12 0910 |
| 3 | | | | |

Cooler Temperature on Receipt N/A °C | Custody Seal (Y) or N | Received on Ice Y or (N) | Samples Intact (Y) or N

Please email all results in a NELAC-compliant Florida MDL PDF f... to Joe Vondrick Joe.vondrick@pacelabs.com so... possible.

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical

# Sample Condition Upon Receipt

Client Name: Pace, Fl  Project # 4067541

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

Tracking #: 020154199251 3827

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

Custody Seal on Samples Present: ☐ yes ☒ no  Seals intact: ☐ yes ☐ no

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

Thermometer Used N/A  Type of Ice: Wet Blue Dry None  ☐ Samples on ice, cooling process has begun

Cooler Temperature N/A  Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☒ no

Temp should be above freezing to 6°C for all sample except Biota.
Biota Samples should be received ≤ 0°C.

| Optional |
|---|
| Proj. Due Date: |
| Proj. Name: |

Person examining contents:
Date: 9-24-12
Initials: SKW

| | | Comments: |
|---|---|---|
| Chain of Custody Present: | ☒Yes ☐No ☐N/A | 1. |
| Chain of Custody Filled Out: | ☒Yes ☐No ☐N/A | 2. |
| Chain of Custody Relinquished: | ☒Yes ☐No ☐N/A | 3. |
| Sampler Name & Signature on COC: | ☐Yes ☒No ☐N/A | 4. IRWO 9/24/12 SKW |
| Samples Arrived within Hold Time: | ☒Yes ☐No ☐N/A | 5. |
| **Short Hold Time Analysis (<72hr):** | ☐Yes ☒No ☐N/A | 6. |
| **Rush Turn Around Time Requested:** | ☐Yes ☒No ☐N/A | 7. |
| Sufficient Volume: | ☒Yes ☐No ☐N/A | 8. |
| Correct Containers Used: | ☒Yes ☐No ☐N/A | 9. |
| -Pace Containers Used: | ☒Yes ☐No ☐N/A | |
| Containers Intact: | ☒Yes ☐No ☐N/A | 10. |
| Filtered volume received for Dissolved tests | ☐Yes ☐No ☒N/A | 11. |
| Sample Labels match COC: | ☒Yes ☐No ☐N/A | 12. |
| -Includes date/time/ID/Analysis Matrix: W | | |
| All containers needing preservation have been checked. | ☐Yes ☐No ☒N/A | 13. |
| All containers needing preservation are found to be in compliance with EPA recommendation. | ☐Yes ☐No ☒N/A | |
| exceptions: VOA, coliform, TOC, O&G, WI-DRO (water) | ☐Yes ☒No | Initial when completed / Lot # of added preservative |
| Samples checked for dechlorination: | ☐Yes ☐No ☒N/A | 14. |
| Headspace in VOA Vials ( >6mm): | ☐Yes ☐No ☒N/A | 15. |
| Trip Blank Present: | ☐Yes ☐No ☒N/A | 16. |
| Trip Blank Custody Seals Present | ☐Yes ☐No ☒N/A | |
| Pace Trip Blank Lot # (if purchased): | | |

**Client Notification/ Resolution:**  Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

**Project Manager Review:** CKW  **Date:** 9/24/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office ( i.e out of hold, incorrect preservative, out of temp, incorrect containers)

F-GB-C-031-Rev.00 (29Sept2011) SCUR Form