



# PASCO COUNTY, FLORIDA

PASCO COUNTY (352) 511-4274  
LAND O' LAKES (813) 996-7341  
NEW PORT RICHEY (727) 847-8145

UTILITIES SERVICES BRANCH  
PUB. WKS./UTILITIES BLDG. S-213  
7530 LITTLE ROAD  
NEW PORT RICHEY, FL 34654

15 Mar 2011

Mr. John Morris  
Environmental Specialist III  
Waste Management Section  
Florida Department of  
Environmental Protection  
13051 N. Telecom Pkwy.  
Temple Terrace, FL 33637

RE: West Pasco Class I Landfill  
Groundwater Monitoring  
Semester II, 2010

Dear Mr. Morris

Enclosed please find the analytical results for samples taken from the monitoring wells and leachate tanks at the West Pasco Class I and Class III landfills for the second semester (Jul-Dec) 2010 sampling period. These samples were analyzed for the parameters listed in 62-701(8)(a) Florida Administrative Code.

Also included in this submittal are all associated Quality Assurance/Quality Control data, Chain of Custodies, field data logs, analyte exceedence table, and groundwater contour maps for this site.

If you have any questions please feel free to contact me.

Sincerely,

Candia E. Mulhern  
Laboratory Manager

Enc.: 1

cc: MS 4565 Solid Waste Section, Florida DEP, 2600 Blair Stone Rd., Tallahassee, FL 32399-2400  
Aamode Sonawane, CDM, Westshore Center Suite 875, 1715 North Westshore Blvd., Tampa, FL 33607  
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director  
John Power, Solid Waste Facility Manager

45799  
JRM  
4/14/11

CIII to DATA

FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION

MAR 17 2011

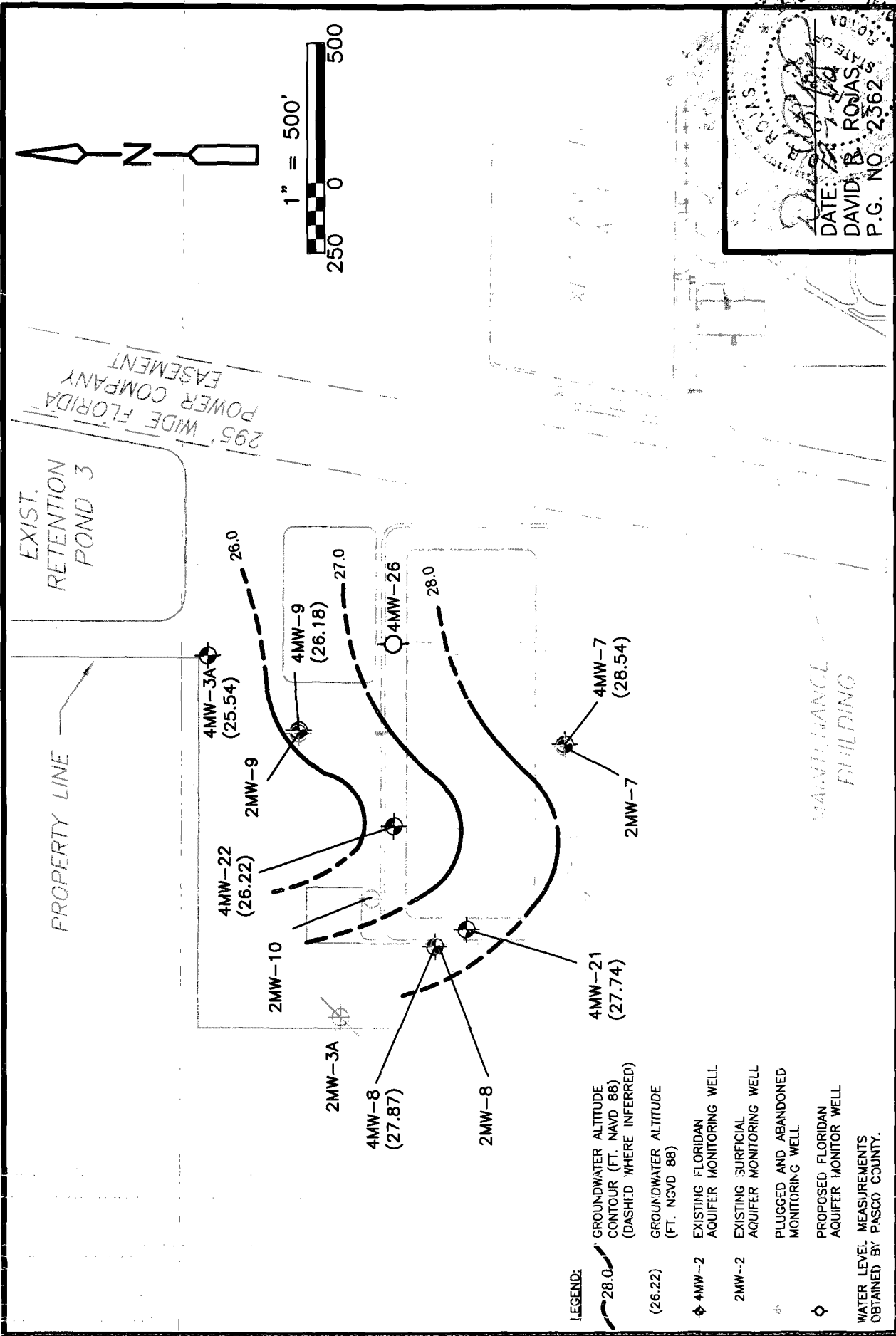
SOUTHWEST DISTRICT  
TAMPA

ADAPT FILES ON CD  
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MAR 17 2011

Dept. Of Environmental Protection

DWG: C:\cdm\m\nunesal\0414956\FIG-FLOR 8-23-10.dwg USER: nunesal  
 DATE: Nov 19, 2010 10:55am XREFS: R000STPL IMAGES:  
 \6104\75568\REPORT & STUDIES\CADD FIGURES & GRAPHICS\1ST QUARTER 2010\



- LEGEND:
- 28.0 GROUNDWATER ALTITUDE CONTOUR (FT. NAVD 88) (DASHED WHERE INFERRED)
  - (26.22) GROUNDWATER ALTITUDE (FT. NGVD 88)
  - 4MW-2 EXISTING FLORIDAN AQUIFER MONITORING WELL
  - 2MW-2 EXISTING SURFICIAL AQUIFER MONITORING WELL
  - Plugged and Abandoned Monitoring Well
  - Proposed Floridan Aquifer Monitor Well
  - Water Level Measurements Obtained by Pasco County

DATE: 11-19-10  
 DAVID B. ROJAS  
 P.G. NO. 2362

Florida Aquifer Groundwater Contour Map - August 23, 2010  
 Third Quarter 2010  
 West Pasco Class II Landfill  
 Pasco County Florida

## PART III ANALYTICAL RESULTS

Facility ID #: 45799Site: West Pasco Class III Sanitary LandfillTest Site ID #: 19671Sampling Date/Time: 08/23/2010 @ 08:00Well Name: 2MW-3AReport Period: 2010 Quarter IIIClassification of Groundwater: SurficialWell Purged: YESGroundwater Elevation (NGVD): DRYWell Type: PZ

| Storet Code | Parameter Monitored    | Sampling Method              | Field Filtered (Y/N) | Analysis Method          | Analysis Date/Time | Analysis Results | Analysis Units | Detection Limits | Detection Units |
|-------------|------------------------|------------------------------|----------------------|--------------------------|--------------------|------------------|----------------|------------------|-----------------|
| 000620      | Nitrate                | Well Wizard Ded. Mon. System | No                   | SM 4500NO <sub>3</sub> F | 08/23/10 08:00     | DRY              | mg/L           | 0.02             | mg/L            |
| 000929      | Sodium                 | "                            | No                   | EPA 200.7                |                    | "                | mg/L           | 0.01             | mg/L            |
| 082079      | Turbidity              | "                            | No                   | SM 2130B                 |                    | "                | NTU            | 0.01             | NTU             |
| 00940       | Chloride               | "                            | No                   | EPA 300.0                |                    | "                | mg/L           | 0.13             | mg/L            |
| 001045      | Iron                   | "                            | No                   | EPA 200.7                |                    | "                | ug/L           | 2                | ug/L            |
| 00400       | pH-Field               | "                            | No                   | SM 4500H+B               |                    | "                | std. units     | 0.01             | std. units      |
| 070300      | TDS                    | "                            | No                   | SM 2540C                 |                    | "                | mg/L           | 9.89             | mg/L            |
| 000344      | Dissolved Oxy. (Field) | "                            | No                   | SM 4500O,G               |                    | "                | mg/L           | 0.01             | mg/L            |
| 000095      | Specific Cond. (Field) | "                            | No                   | SM 2510B                 |                    | "                | umhos/cm       | 0.00             | umhos/cm        |
| 000010      | Temp. (Field)          | "                            | No                   | SM 2550B                 |                    | "                | deg. C         | 0.00             | deg. C          |
| 071900      | Mercury                | "                            | No                   | SM 3112B                 |                    | "                | ug/L           | 0.2              | ug/L            |
| 000610      | Ammonia                | "                            | No                   | SM 4500NH <sub>3</sub> H |                    | "                | mg/L           | 0.04             | mg/L            |
| 900216      | Color by Obs. (Field)  | "                            | No                   | SM 2120B                 |                    | "                | Obs.           | —                | Obs.            |
| 072020      | Water Level            | "                            | No                   | Field                    |                    | "                | Feet NGVD      | —                | Feet NGVD       |

## PART III ANALYTICAL RESULTS

Facility ID #: 45799Site: West Pasco Class III Sanitary LandfillTest Site ID #: 19670Sampling Date/Time: 08/23/2010 @ 9:20Well Name: 4MW-3AReport Period: 2010 Quarter IIIClassification of Groundwater: FloridanWell Purged: YESGroundwater Elevation (NGVD): 25.54Well Type: PZ

| Storet Code | Parameter Monitored       | Sampling Method                    | Field Filtered (Y/N) | Analysis Method          | Analysis Date/Time | Analysis Results | Analysis Units | Detection Limits | Detection Units |
|-------------|---------------------------|------------------------------------|----------------------|--------------------------|--------------------|------------------|----------------|------------------|-----------------|
| 000620      | Nitrate                   | Well Wizard<br>Ded. Mon.<br>System | No                   | SM 4500NO <sub>3</sub> F | 08/26/10<br>8:00   | 0.07             | mg/L           | 0.02             | mg/L            |
| 000929      | Sodium                    | "                                  | No                   | EPA 200.7                | 08/27/10<br>10:00  | 7.19             | mg/L           | 0.01             | mg/L            |
| 082079      | Turbidity                 | "                                  | No                   | SM 2130B                 | 08/23/10<br>9:20   | 0.0              | NTU            | 0.01             | NTU             |
| 00940       | Chloride                  | "                                  | No                   | EPA 300.0                | 08/25/10<br>17:00  | 22.8             | mg/L           | 0.13             | mg/L            |
| 001045      | Iron                      | "                                  | No                   | EPA 200.7                | 08/26/10<br>10:35  | 162              | ug/L           | 2                | ug/L            |
| 00400       | pH-Field                  | "                                  | No                   | SM 4500H+B               | 08/23/10<br>9:20   | 7.20             | std. units     | 0.01             | std. units      |
| 070300      | TDS                       | "                                  | No                   | SM 2540C                 | 08/27/10<br>16:45  | 200              | mg/L           | 9.89             | mg/L            |
| 000344      | Dissolved<br>Oxy. (Field) | "                                  | No                   | SM 4500O <sub>2</sub> G  | 08/23/10<br>9:20   | 0.87             | mg/L           | 0.01             | mg/L            |
| 000095      | Specific<br>Cond. (Field) | "                                  | No                   | SM 2510B                 | 08/23/10<br>9:20   | 348              | umhos/cm       | 0.00             | umhos/cm        |
| 000010      | Temp.<br>(Field)          | "                                  | No                   | SM 2550B                 | 08/23/10<br>9:20   | 23.91            | deg. C         | 0.00             | deg. C          |
| 071900      | Mercury                   | "                                  | No                   | SM 3112B                 | 08/31/10<br>10:00  | <0.2             | ug/L           | 0.2              | ug/L            |
| 000610      | Ammonia                   | "                                  | No                   | SM 4500NH <sub>3</sub> H | 09/15/10<br>8:00   | 0.16             | mg/L           | 0.04             | mg/L            |
| 900216      | Color by Obs.<br>(Field)  | "                                  | No                   | SM 2120B                 | 08/23/10<br>9:20   | CLEAR            | Obs.           | —                | Obs.            |
| 072020      | Water Level               | "                                  | No                   | Field                    | 08/23/10<br>9:20   | 25.54            | Feet<br>NGVD   | —                | Feet<br>NGVD    |

## ANALYTICAL RESULTS

Project: Pasco County Resource Recovery  
Pace Project No.: 3516696

Sample: 4 MW-3A Lab ID: 3516696001 Collected: 08/23/10 09:20 Received: 08/24/10 11:50 Matrix: Water

| Parameters                                               | Results | Units | PQL   | MDL    | DF | Prepared       | Analyzed       | CAS No.   | Qual |
|----------------------------------------------------------|---------|-------|-------|--------|----|----------------|----------------|-----------|------|
| <b>8011 GCS EDB and DBCP</b>                             |         |       |       |        |    |                |                |           |      |
| Analytical Method: EPA 8011 Preparation Method: EPA 8011 |         |       |       |        |    |                |                |           |      |
| 1,2-Dibromo-3-chloropropane                              | 0.0051U | ug/L  | 0.021 | 0.0051 | 1  | 08/30/10 12:00 | 08/31/10 00:02 | 96-12-8   |      |
| 1,2-Dibromoethane (EDB)                                  | 0.0065U | ug/L  | 0.010 | 0.0065 | 1  | 08/30/10 12:00 | 08/31/10 00:02 | 106-93-4  |      |
| <b>6010 MET ICP</b>                                      |         |       |       |        |    |                |                |           |      |
| Analytical Method: EPA 6010 Preparation Method: EPA 3010 |         |       |       |        |    |                |                |           |      |
| Arsenic                                                  | 5.0U    | ug/L  | 10.0  | 5.0    | 1  | 08/26/10 11:05 | 09/01/10 03:02 | 7440-38-2 |      |
| Barium                                                   | 10.6    | ug/L  | 10.0  | 5.0    | 1  | 08/26/10 11:05 | 09/01/10 03:02 | 7440-39-3 |      |
| Beryllium                                                | 0.50U   | ug/L  | 1.0   | 0.50   | 1  | 08/26/10 11:05 | 09/01/10 03:02 | 7440-41-7 |      |
| Cadmium                                                  | 0.50U   | ug/L  | 1.0   | 0.50   | 1  | 08/26/10 11:05 | 09/01/10 03:02 | 7440-43-9 |      |
| Chromium                                                 | 2.5U    | ug/L  | 5.0   | 2.5    | 1  | 08/26/10 11:05 | 09/01/10 03:02 | 7440-47-3 |      |
| Cobalt                                                   | 5.0U    | ug/L  | 10.0  | 5.0    | 1  | 08/26/10 11:05 | 09/01/10 03:02 | 7440-48-4 |      |
| Copper                                                   | 2.5U    | ug/L  | 5.0   | 2.5    | 1  | 08/26/10 11:05 | 09/01/10 03:02 | 7440-50-8 |      |
| Iron                                                     | 169     | ug/L  | 40.0  | 20.0   | 1  | 08/26/10 11:05 | 09/01/10 03:02 | 7439-89-6 |      |
| Lead                                                     | 5.0U    | ug/L  | 10.0  | 5.0    | 1  | 08/26/10 11:05 | 09/01/10 03:02 | 7439-92-1 |      |
| Nickel                                                   | 2.5U    | ug/L  | 5.0   | 2.5    | 1  | 08/26/10 11:05 | 09/01/10 03:02 | 7440-02-0 |      |
| Selenium                                                 | 7.5U    | ug/L  | 15.0  | 7.5    | 1  | 08/26/10 11:05 | 09/01/10 03:02 | 7782-49-2 |      |
| Silver                                                   | 2.5U    | ug/L  | 5.0   | 2.5    | 1  | 08/26/10 11:05 | 09/01/10 03:02 | 7440-22-4 |      |
| Sodium                                                   | 7.1     | mg/L  | 1.0   | 0.50   | 1  | 08/26/10 11:05 | 09/01/10 03:02 | 7440-23-5 |      |
| Vanadium                                                 | 5.0U    | ug/L  | 10.0  | 5.0    | 1  | 08/26/10 11:05 | 09/01/10 03:02 | 7440-62-2 |      |
| Zinc                                                     | 10.0U   | ug/L  | 20.0  | 10.0   | 1  | 08/26/10 11:05 | 09/01/10 03:02 | 7440-66-6 |      |
| <b>6020 MET ICPMS</b>                                    |         |       |       |        |    |                |                |           |      |
| Analytical Method: EPA 6020 Preparation Method: EPA 3010 |         |       |       |        |    |                |                |           |      |
| Antimony                                                 | 0.50U   | ug/L  | 1.0   | 0.50   | 1  | 08/26/10 11:05 | 08/31/10 20:52 | 7440-36-0 |      |
| Thallium                                                 | 0.50U   | ug/L  | 1.0   | 0.50   | 1  | 08/26/10 11:05 | 08/31/10 20:52 | 7440-28-0 |      |
| <b>8260 MSV</b>                                          |         |       |       |        |    |                |                |           |      |
| Analytical Method: EPA 8260                              |         |       |       |        |    |                |                |           |      |
| Acetone                                                  | 5.0U    | ug/L  | 10.0  | 5.0    | 1  |                | 08/25/10 16:11 | 67-64-1   |      |
| Acrylonitrile                                            | 5.0U    | ug/L  | 10.0  | 5.0    | 1  |                | 08/25/10 16:11 | 107-13-1  |      |
| Benzene                                                  | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 16:11 | 71-43-2   |      |
| Bromochloromethane                                       | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 16:11 | 74-97-5   |      |
| Bromodichloromethane                                     | 0.27U   | ug/L  | 0.60  | 0.27   | 1  |                | 08/25/10 16:11 | 75-27-4   |      |
| Bromoform                                                | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 16:11 | 75-25-2   |      |
| Bromomethane                                             | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 16:11 | 74-83-9   |      |
| 2-Butanone (MEK)                                         | 5.0U    | ug/L  | 10.0  | 5.0    | 1  |                | 08/25/10 16:11 | 78-93-3   |      |
| Carbon disulfide                                         | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 16:11 | 75-15-0   |      |
| Carbon tetrachloride                                     | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 16:11 | 56-23-5   |      |
| Chlorobenzene                                            | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 16:11 | 108-90-7  |      |
| Chloroethane                                             | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 16:11 | 75-00-3   |      |
| Chloroform                                               | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 16:11 | 67-66-3   |      |
| Chloromethane                                            | 0.62U   | ug/L  | 1.0   | 0.62   | 1  |                | 08/25/10 16:11 | 74-87-3   |      |
| Dibromochloromethane                                     | 0.26U   | ug/L  | 0.50  | 0.26   | 1  |                | 08/25/10 16:11 | 124-48-1  |      |
| Dibromomethane                                           | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 16:11 | 74-95-3   |      |
| 1,2-Dichlorobenzene                                      | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 16:11 | 95-50-1   |      |
| 1,4-Dichlorobenzene                                      | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 16:11 | 106-46-7  |      |
| trans-1,4-Dichloro-2-butene                              | 5.0U    | ug/L  | 10.0  | 5.0    | 1  |                | 08/25/10 16:11 | 110-57-6  |      |
| 1,1-Dichloroethane                                       | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 16:11 | 75-34-3   |      |
| 1,2-Dichloroethane                                       | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 16:11 | 107-06-2  |      |

Date: 11/03/2010 12:29 PM

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Pasco County Resource Recovery  
Pace Project No.: 3516696

Sample: 4 MW-3A Lab ID: 3516696001 Collected: 08/23/10 09:20 Received: 08/24/10 11:50 Matrix: Water

| Parameters                  | Results | Units                       | PQL    | MDL  | DF | Prepared | Analyzed       | CAS No.    | Qual |
|-----------------------------|---------|-----------------------------|--------|------|----|----------|----------------|------------|------|
| <b>8260 MSV</b>             |         | Analytical Method: EPA 8260 |        |      |    |          |                |            |      |
| 1,1-Dichloroethene          | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 16:11 | 75-35-4    |      |
| cis-1,2-Dichloroethene      | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 16:11 | 156-59-2   |      |
| trans-1,2-Dichloroethene    | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 16:11 | 156-60-5   |      |
| 1,2-Dichloropropane         | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 16:11 | 78-87-5    |      |
| cis-1,3-Dichloropropene     | 0.25U   | ug/L                        | 0.50   | 0.25 | 1  |          | 08/25/10 16:11 | 10061-01-5 |      |
| trans-1,3-Dichloropropene   | 0.25U   | ug/L                        | 0.50   | 0.25 | 1  |          | 08/25/10 16:11 | 10061-02-6 |      |
| Ethylbenzene                | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 16:11 | 100-41-4   |      |
| 2-Hexanone                  | 5.0U    | ug/L                        | 10.0   | 5.0  | 1  |          | 08/25/10 16:11 | 591-78-6   |      |
| Iodomethane                 | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 16:11 | 74-88-4    |      |
| Methylene Chloride          | 2.5U    | ug/L                        | 5.0    | 2.5  | 1  |          | 08/25/10 16:11 | 75-09-2    |      |
| 4-Methyl-2-pentanone (MIBK) | 5.0U    | ug/L                        | 10.0   | 5.0  | 1  |          | 08/25/10 16:11 | 108-10-1   |      |
| Styrene                     | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 16:11 | 100-42-5   |      |
| 1,1,1,2-Tetrachloroethane   | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 16:11 | 630-20-6   |      |
| 1,1,2,2-Tetrachloroethane   | 0.18U   | ug/L                        | 0.50   | 0.18 | 1  |          | 08/25/10 16:11 | 79-34-5    |      |
| Tetrachloroethene           | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 16:11 | 127-18-4   |      |
| Toluene                     | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 16:11 | 108-88-3   |      |
| 1,1,1-Trichloroethane       | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 16:11 | 71-55-6    |      |
| 1,1,2-Trichloroethane       | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 16:11 | 79-00-5    |      |
| Trichloroethene             | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 16:11 | 79-01-6    |      |
| Trichlorofluoromethane      | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 16:11 | 75-69-4    |      |
| 1,2,3-Trichloropropane      | 0.36U   | ug/L                        | 0.50   | 0.36 | 1  |          | 08/25/10 16:11 | 96-18-4    |      |
| Vinyl acetate               | 1.0U    | ug/L                        | 2.0    | 1.0  | 1  |          | 08/25/10 16:11 | 108-05-4   |      |
| Vinyl chloride              | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 16:11 | 75-01-4    |      |
| Xylene (Total)              | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 16:11 | 1330-20-7  |      |
| 4-Bromofluorobenzene (S)    | 111     | %                           | 70-114 |      | 1  |          | 08/25/10 16:11 | 460-00-4   |      |
| Dibromofluoromethane (S)    | 104     | %                           | 88-117 |      | 1  |          | 08/25/10 16:11 | 1868-53-7  |      |
| 1,2-Dichloroethane-d4 (S)   | 109     | %                           | 86-125 |      | 1  |          | 08/25/10 16:11 | 17060-07-0 |      |
| Toluene-d8 (S)              | 109     | %                           | 87-113 |      | 1  |          | 08/25/10 16:11 | 2037-26-5  |      |

**PART III ANALYTICAL RESULTS**

 Facility ID #: 45799

 Site: West Pasco Class III Sanitary Landfill

 Test Site ID #: 2343

 Sampling Date/Time: 08/24/2010 @ 12:00

 Well Name: 2MW-7

 Report Period: 2010 Quarter III

 Classification of Groundwater: Surficial

 Well Purged: YES

 Groundwater Elevation (NGVD): DRY

 Well Type: BG

| Storet Code | Parameter Monitored    | Sampling Method              | Field Filtered (Y/N) | Analysis Method          | Analysis Date/Time | Analysis Results | Analysis Units | Detection Limits | Detection Units |
|-------------|------------------------|------------------------------|----------------------|--------------------------|--------------------|------------------|----------------|------------------|-----------------|
| 000620      | Nitrate                | Well Wizard Ded. Mon. System | No                   | SM 4500NO <sub>3</sub> F | 08/24/10 12:00     | DRY              | mg/L           | 0.02             | mg/L            |
| 000929      | Sodium                 | "                            | No                   | EPA 200.7                |                    | "                | mg/L           | 0.01             | mg/L            |
| 082079      | Turbidity              | "                            | No                   | SM 2130B                 |                    | "                | NTU            | 0.01             | NTU             |
| 00940       | Chloride               | "                            | No                   | EPA 300.0                |                    | "                | mg/L           | 0.13             | mg/L            |
| 001045      | Iron                   | "                            | No                   | EPA 200.7                |                    | "                | ug/L           | 2                | ug/L            |
| 00400       | pH-Field               | "                            | No                   | SM 4500H+B               |                    | "                | std. units     | 0.01             | std. units      |
| 070300      | TDS                    | "                            | No                   | SM 2540C                 |                    | "                | mg/L           | 9.89             | mg/L            |
| 000344      | Dissolved Oxy. (Field) | "                            | No                   | SM 4500O,G               |                    | "                | mg/L           | 0.01             | mg/L            |
| 000095      | Specific Cond. (Field) | "                            | No                   | SM 2510B                 |                    | "                | umhos/cm       | 0.00             | umhos/cm        |
| 000010      | Temp. (Field)          | "                            | No                   | SM 2550B                 |                    | "                | deg. C         | 0.00             | deg. C          |
| 071900      | Mercury                | "                            | No                   | SM 3112B                 |                    | "                | ug/L           | 0.2              | ug/L            |
| 000610      | Ammonia                | "                            | No                   | SM 4500NH <sub>3</sub> H |                    | "                | mg/L           | 0.04             | mg/L            |
| 900216      | Color by Obs. (Field)  | "                            | No                   | SM 2120B                 |                    | "                | Obs.           | —                | Obs.            |
| 072020      | Water Level            | "                            | No                   | Field                    |                    | "                | Feet NGVD      | —                | Feet NGVD       |

## PART III ANALYTICAL RESULTS

Facility ID #: 45799Site: West Pasco Class III Sanitary LandfillTest Site ID #: 2340Sampling Date/Time: 08/24/2010 @ 13:10Well Name: 4MW-7Report Period: 2010 Quarter IIIClassification of Groundwater: FloridanWell Purged: YESGroundwater Elevation (NGVD): 28.54Well Type: BG

| Storet Code | Parameter Monitored    | Sampling Method              | Field Filtered (Y/N) | Analysis Method          | Analysis Date/Time | Analysis Results | Analysis Units | Detection Limits | Detection Units |
|-------------|------------------------|------------------------------|----------------------|--------------------------|--------------------|------------------|----------------|------------------|-----------------|
| 000620      | Nitrate                | Well Wizard Ded. Mon. System | No                   | SM 4500NO <sub>3</sub> F | 08/26/10 8:00      | 1.30             | mg/L           | 0.02             | mg/L            |
| 000929      | Sodium                 | "                            | No                   | EPA 200.7                | 08/27/10 10:00     | 4.44             | mg/L           | 0.01             | mg/L            |
| 082079      | Turbidity              | "                            | No                   | SM 2130B                 | 08/24/10 13:10     | 1.3              | NTU            | 0.01             | NTU             |
| 00940       | Chloride               | "                            | No                   | EPA 300.0                | 08/25/10 17:00     | 10.1             | mg/L           | 0.13             | mg/L            |
| 001045      | Iron                   | "                            | No                   | EPA 200.7                | 08/26/10 10:35     | 3.6              | ug/L           | 2                | ug/L            |
| 00400       | pH-Field               | "                            | No                   | SM 4500H+B               | 08/24/10 13:10     | 7.29             | std. units     | 0.01             | std. units      |
| 070300      | TDS                    | "                            | No                   | SM 2540C                 | 08/27/10 16:45     | 170              | mg/L           | 9.89             | mg/L            |
| 000344      | Dissolved Oxy. (Field) | "                            | No                   | SM 4500O,G               | 08/24/10 13:10     | 1.55             | mg/L           | 0.01             | mg/L            |
| 000095      | Specific Cond. (Field) | "                            | No                   | SM 2510B                 | 08/24/10 13:10     | 285              | umhos/cm       | 0.00             | umhos/cm        |
| 000010      | Temp. (Field)          | "                            | No                   | SM 2550B                 | 08/24/10 13:10     | 23.44            | deg. C         | 0.00             | deg. C          |
| 071900      | Mercury                | "                            | No                   | SM 3112B                 | 08/31/10 10:00     | <0.2             | mg/L           | 0.2              | ug/L            |
| 000610      | Ammonia                | "                            | No                   | SM 4500NH <sub>3</sub> H | 09/15/10 8:00      | <0.04            | mg/L           | 0.04             | mg/L            |
| 900216      | Color by Obs. (Field)  | "                            | No                   | SM 2120B                 | 08/24/10 13:10     | CLEAR            | Obs.           | —                | Obs.            |
| 072020      | Water Level            | "                            | No                   | Field                    | 08/24/10 13:10     | 28.54            | Feet NGVD      | —                | Feet NGVD       |

## ANALYTICAL RESULTS

Project: Pasco County Resource Recovery  
Pace Project No.: 3516696

| Sample: 4 MW-7                                           |         | Lab ID: 3516696006 | Collected: 08/24/10 13:10 | Received: 08/26/10 12:35 | Matrix: Water |                |                |           |      |
|----------------------------------------------------------|---------|--------------------|---------------------------|--------------------------|---------------|----------------|----------------|-----------|------|
| Parameters                                               | Results | Units              | PQL                       | MDL                      | DF            | Prepared       | Analyzed       | CAS No.   | Qual |
| <b>8011 GCS EDB and DBCP</b>                             |         |                    |                           |                          |               |                |                |           |      |
| Analytical Method: EPA 8011 Preparation Method: EPA 8011 |         |                    |                           |                          |               |                |                |           |      |
| 1,2-Dibromo-3-chloropropane                              | 0.0052U | ug/L               | 0.021                     | 0.0052                   | 1             | 08/30/10 12:00 | 08/31/10 01:29 | 96-12-8   |      |
| 1,2-Dibromoethane (EDB)                                  | 0.0066U | ug/L               | 0.011                     | 0.0066                   | 1             | 08/30/10 12:00 | 08/31/10 01:29 | 106-93-4  |      |
| <b>6010 MET ICP</b>                                      |         |                    |                           |                          |               |                |                |           |      |
| Analytical Method: EPA 6010 Preparation Method: EPA 3010 |         |                    |                           |                          |               |                |                |           |      |
| Arsenic                                                  | 5.0U    | ug/L               | 10.0                      | 5.0                      | 1             | 09/02/10 12:55 | 09/08/10 17:02 | 7440-38-2 |      |
| Barium                                                   | 7.9 I   | ug/L               | 10.0                      | 5.0                      | 1             | 09/02/10 12:55 | 09/08/10 17:02 | 7440-39-3 |      |
| Beryllium                                                | 0.50U   | ug/L               | 1.0                       | 0.50                     | 1             | 09/02/10 12:55 | 09/08/10 17:02 | 7440-41-7 |      |
| Cadmium                                                  | 0.50U   | ug/L               | 1.0                       | 0.50                     | 1             | 09/02/10 12:55 | 09/08/10 17:02 | 7440-43-9 |      |
| Chromium                                                 | 2.5U    | ug/L               | 5.0                       | 2.5                      | 1             | 09/02/10 12:55 | 09/08/10 17:02 | 7440-47-3 |      |
| Cobalt                                                   | 5.0U    | ug/L               | 10.0                      | 5.0                      | 1             | 09/02/10 12:55 | 09/08/10 17:02 | 7440-48-4 |      |
| Copper                                                   | 2.5U    | ug/L               | 5.0                       | 2.5                      | 1             | 09/02/10 12:55 | 09/08/10 17:02 | 7440-50-8 |      |
| Iron                                                     | 20.0U   | ug/L               | 40.0                      | 20.0                     | 1             | 09/02/10 12:55 | 09/08/10 17:02 | 7439-89-6 |      |
| Lead                                                     | 5.0U    | ug/L               | 10.0                      | 5.0                      | 1             | 09/02/10 12:55 | 09/08/10 17:02 | 7439-92-1 |      |
| Nickel                                                   | 2.5U    | ug/L               | 5.0                       | 2.5                      | 1             | 09/02/10 12:55 | 09/08/10 17:02 | 7440-02-0 |      |
| Selenium                                                 | 7.5U    | ug/L               | 15.0                      | 7.5                      | 1             | 09/02/10 12:55 | 09/08/10 17:02 | 7782-49-2 |      |
| Silver                                                   | 2.5U    | ug/L               | 5.0                       | 2.5                      | 1             | 09/02/10 12:55 | 09/08/10 17:02 | 7440-22-4 |      |
| Sodium                                                   | 4.1     | mg/L               | 1.0                       | 0.50                     | 1             | 09/02/10 12:55 | 09/08/10 17:02 | 7440-23-5 |      |
| Vanadium                                                 | 5.0U    | ug/L               | 10.0                      | 5.0                      | 1             | 09/02/10 12:55 | 09/08/10 17:02 | 7440-62-2 |      |
| Zinc                                                     | 10.0U   | ug/L               | 20.0                      | 10.0                     | 1             | 09/02/10 12:55 | 09/08/10 17:02 | 7440-66-6 |      |
| <b>6020 MET ICPMS</b>                                    |         |                    |                           |                          |               |                |                |           |      |
| Analytical Method: EPA 6020 Preparation Method: EPA 3010 |         |                    |                           |                          |               |                |                |           |      |
| Antimony                                                 | 0.50U   | ug/L               | 1.0                       | 0.50                     | 1             | 09/02/10 12:55 | 09/03/10 21:24 | 7440-36-0 |      |
| Thallium                                                 | 0.50U   | ug/L               | 1.0                       | 0.50                     | 1             | 09/02/10 12:55 | 09/03/10 21:24 | 7440-28-0 |      |
| <b>8260 MSV</b>                                          |         |                    |                           |                          |               |                |                |           |      |
| Analytical Method: EPA 8260                              |         |                    |                           |                          |               |                |                |           |      |
| Acetone                                                  | 5.0U    | ug/L               | 10.0                      | 5.0                      | 1             |                | 08/26/10 23:45 | 67-64-1   |      |
| Acrylonitrile                                            | 5.0U    | ug/L               | 10.0                      | 5.0                      | 1             |                | 08/26/10 23:45 | 107-13-1  |      |
| Benzene                                                  | 0.50U   | ug/L               | 1.0                       | 0.50                     | 1             |                | 08/26/10 23:45 | 71-43-2   |      |
| Bromochloromethane                                       | 0.50U   | ug/L               | 1.0                       | 0.50                     | 1             |                | 08/26/10 23:45 | 74-97-5   |      |
| Bromodichloromethane                                     | 0.27U   | ug/L               | 0.60                      | 0.27                     | 1             |                | 08/26/10 23:45 | 75-27-4   |      |
| Bromoform                                                | 0.50U   | ug/L               | 1.0                       | 0.50                     | 1             |                | 08/26/10 23:45 | 75-25-2   |      |
| Bromomethane                                             | 0.50U   | ug/L               | 1.0                       | 0.50                     | 1             |                | 08/26/10 23:45 | 74-83-9   |      |
| 2-Butanone (MEK)                                         | 5.0U    | ug/L               | 10.0                      | 5.0                      | 1             |                | 08/26/10 23:45 | 78-93-3   |      |
| Carbon disulfide                                         | 0.50U   | ug/L               | 1.0                       | 0.50                     | 1             |                | 08/26/10 23:45 | 75-15-0   |      |
| Carbon tetrachloride                                     | 0.50U   | ug/L               | 1.0                       | 0.50                     | 1             |                | 08/26/10 23:45 | 56-23-5   |      |
| Chlorobenzene                                            | 0.50U   | ug/L               | 1.0                       | 0.50                     | 1             |                | 08/26/10 23:45 | 108-90-7  |      |
| Chloroethane                                             | 0.50U   | ug/L               | 1.0                       | 0.50                     | 1             |                | 08/26/10 23:45 | 75-00-3   |      |
| Chloroform                                               | 0.50U   | ug/L               | 1.0                       | 0.50                     | 1             |                | 08/26/10 23:45 | 67-66-3   |      |
| Chloromethane                                            | 0.62U   | ug/L               | 1.0                       | 0.62                     | 1             |                | 08/26/10 23:45 | 74-87-3   |      |
| Dibromochloromethane                                     | 0.26U   | ug/L               | 0.50                      | 0.26                     | 1             |                | 08/26/10 23:45 | 124-48-1  |      |
| Dibromomethane                                           | 0.50U   | ug/L               | 1.0                       | 0.50                     | 1             |                | 08/26/10 23:45 | 74-95-3   |      |
| 1,2-Dichlorobenzene                                      | 0.50U   | ug/L               | 1.0                       | 0.50                     | 1             |                | 08/26/10 23:45 | 95-50-1   |      |
| 1,4-Dichlorobenzene                                      | 0.50U   | ug/L               | 1.0                       | 0.50                     | 1             |                | 08/26/10 23:45 | 106-46-7  |      |
| trans-1,4-Dichloro-2-butene                              | 5.0U    | ug/L               | 10.0                      | 5.0                      | 1             |                | 08/26/10 23:45 | 110-57-6  |      |
| 1,1-Dichloroethane                                       | 0.50U   | ug/L               | 1.0                       | 0.50                     | 1             |                | 08/26/10 23:45 | 75-34-3   |      |
| 1,2-Dichloroethane                                       | 0.50U   | ug/L               | 1.0                       | 0.50                     | 1             |                | 08/26/10 23:45 | 107-06-2  |      |

Date: 11/03/2010 12:29 PM

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Pasco County Resource Recovery  
Pace Project No.: 3516696

Sample: 4 MW-7      Lab ID: 3516696006      Collected: 08/24/10 13:10      Received: 08/26/10 12:35      Matrix: Water

| Parameters                  | Results | Units | PQL    | MDL  | DF | Prepared | Analyzed       | CAS No.    | Qual |
|-----------------------------|---------|-------|--------|------|----|----------|----------------|------------|------|
| <b>8260 MSV</b>             |         |       |        |      |    |          |                |            |      |
| Analytical Method: EPA 8260 |         |       |        |      |    |          |                |            |      |
| 1,1-Dichloroethene          | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:45 | 75-35-4    |      |
| cis-1,2-Dichloroethene      | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:45 | 156-59-2   |      |
| trans-1,2-Dichloroethene    | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:45 | 156-60-5   |      |
| 1,2-Dichloropropane         | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:45 | 78-87-5    |      |
| cis-1,3-Dichloropropene     | 0.25U   | ug/L  | 0.50   | 0.25 | 1  |          | 08/26/10 23:45 | 10061-01-5 |      |
| trans-1,3-Dichloropropene   | 0.25U   | ug/L  | 0.50   | 0.25 | 1  |          | 08/26/10 23:45 | 10061-02-6 |      |
| Ethylbenzene                | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:45 | 100-41-4   |      |
| 2-Hexanone                  | 5.0U    | ug/L  | 10.0   | 5.0  | 1  |          | 08/26/10 23:45 | 591-78-6   |      |
| Iodomethane                 | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:45 | 74-88-4    |      |
| Methylene Chloride          | 2.5U    | ug/L  | 5.0    | 2.5  | 1  |          | 08/26/10 23:45 | 75-09-2    |      |
| 4-Methyl-2-pentanone (MIBK) | 5.0U    | ug/L  | 10.0   | 5.0  | 1  |          | 08/26/10 23:45 | 108-10-1   |      |
| Styrene                     | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:45 | 100-42-5   |      |
| 1,1,1,2-Tetrachloroethane   | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:45 | 630-20-6   |      |
| 1,1,2,2-Tetrachloroethane   | 0.18U   | ug/L  | 0.50   | 0.18 | 1  |          | 08/26/10 23:45 | 79-34-5    |      |
| Tetrachloroethene           | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:45 | 127-18-4   |      |
| Toluene                     | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:45 | 108-88-3   |      |
| 1,1,1-Trichloroethane       | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:45 | 71-55-6    |      |
| 1,1,2-Trichloroethane       | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:45 | 79-00-5    |      |
| Trichloroethene             | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:45 | 79-01-6    |      |
| Trichlorofluoromethane      | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:45 | 75-69-4    |      |
| 1,2,3-Trichloropropane      | 0.36U   | ug/L  | 0.50   | 0.36 | 1  |          | 08/26/10 23:45 | 96-18-4    |      |
| Vinyl acetate               | 1.0U    | ug/L  | 2.0    | 1.0  | 1  |          | 08/26/10 23:45 | 108-05-4   |      |
| Vinyl chloride              | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:45 | 75-01-4    |      |
| Xylene (Total)              | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:45 | 1330-20-7  |      |
| 4-Bromofluorobenzene (S)    | 106 %   |       | 70-114 |      | 1  |          | 08/26/10 23:45 | 460-00-4   |      |
| Dibromofluoromethane (S)    | 90 %    |       | 88-117 |      | 1  |          | 08/26/10 23:45 | 1868-53-7  |      |
| 1,2-Dichloroethane-d4 (S)   | 97 %    |       | 86-125 |      | 1  |          | 08/26/10 23:45 | 17060-07-0 |      |
| Toluene-d8 (S)              | 93 %    |       | 87-113 |      | 1  |          | 08/26/10 23:45 | 2037-26-5  |      |

## PART III ANALYTICAL RESULTS

Facility ID #: 45799Site: West Pasco Class III Sanitary LandfillTest Site ID #: 2344Sampling Date/Time: 08/24/2010 @ 09:00Well Name: 2MW-8Report Period: 2010 Quarter IIIClassification of Groundwater: SurficialWell Purged: YESGroundwater Elevation (NGVD): DRYWell Type: PZ

| Storet Code | Parameter Monitored    | Sampling Method              | Field Filtered (Y/N) | Analysis Method          | Analysis Date/Time | Analysis Results | Analysis Units | Detection Limits | Detection Units |
|-------------|------------------------|------------------------------|----------------------|--------------------------|--------------------|------------------|----------------|------------------|-----------------|
| 000620      | Nitrate                | Well Wizard Ded. Mon. System | No                   | SM 4500NO <sub>3</sub> F | 08/24/10 09:00     | DRY              | mg/L           | 0.02             | mg/L            |
| 000929      | Sodium                 | "                            | No                   | EPA 200.7                |                    | "                | mg/L           | 0.01             | mg/L            |
| 082079      | Turbidity              | "                            | No                   | SM 2130B                 |                    | "                | NTU            | 0.01             | NTU             |
| 00940       | Chloride               | "                            | No                   | EPA 300.0                |                    | "                | mg/L           | 0.13             | mg/L            |
| 001045      | Iron                   | "                            | No                   | EPA 200.7                |                    | "                | ug/L           | 2                | ug/L            |
| 00400       | pH-Field               | "                            | No                   | SM 4500H+B               |                    | "                | std. units     | 0.01             | std. units      |
| 070300      | TDS                    | "                            | No                   | SM 2540C                 |                    | "                | mg/L           | 9.89             | mg/L            |
| 000344      | Dissolved Oxy. (Field) | "                            | No                   | SM 4500O,G               |                    | "                | mg/L           | 0.01             | mg/L            |
| 000095      | Specific Cond. (Field) | "                            | No                   | SM 2510B                 |                    | "                | umhos/cm       | 0.00             | umhos/cm        |
| 000010      | Temp. (Field)          | "                            | No                   | SM 2550B                 |                    | "                | deg. C         | 0.00             | deg. C          |
| 071900      | Mercury                | "                            | No                   | SM 3112B                 |                    | "                | ug/L           | 0.2              | ug/L            |
| 000610      | Ammonia                | "                            | No                   | SM 4500NH <sub>3</sub> H |                    | "                | mg/L           | 0.04             | mg/L            |
| 900216      | Color by Obs. (Field)  | "                            | No                   | SM 2120B                 |                    | "                | Obs.           | ---              | Obs.            |
| 072020      | Water Level            | "                            | No                   | Field                    |                    | "                | Feet NGVD      | ---              | Feet NGVD       |

**PART III ANALYTICAL RESULTS**

Facility ID #: 45799

Site: West Pasco Class III Sanitary Landfill

Test Site ID #: 2341

Sampling Date/Time: 08/24/2010 @ 10:40

Well Name: 4MW-8

Report Period: 2010 Quarter III

Classification of Groundwater: Floridan

Well Purged: YES

Groundwater Elevation (NGVD): 27.87

Well Type: PZ

| Storet Code | Parameter Monitored    | Sampling Method              | Field Filtered (Y/N) | Analysis Method          | Analysis Date/Time | Analysis Results | Analysis Units | Detection Limits | Detection Units |
|-------------|------------------------|------------------------------|----------------------|--------------------------|--------------------|------------------|----------------|------------------|-----------------|
| 000620      | Nitrate                | Well Wizard Ded. Mon. System | No                   | SM 4500NO <sub>3</sub> F | 08/26/10 8:00      | <0.02            | mg/L           | 0.02             | mg/L            |
| 000929      | Sodium                 | "                            | No                   | EPA 200.7                | 08/27/10 10:00     | 4.24             | mg/L           | 0.01             | mg/L            |
| 082079      | Turbidity              | "                            | No                   | SM 2130B                 | 08/24/10 10:40     | 0.0              | NTU            | 0.01             | NTU             |
| 00940       | Chloride               | "                            | No                   | EPA 300.0                | 08/25/10 17:00     | 10.7             | mg/L           | 0.13             | mg/L            |
| 001045      | Iron                   | "                            | No                   | EPA 200.7                | 08/26/10 10:35     | 2.7              | ug/L           | 2                | ug/L            |
| 00400       | pH-Field               | "                            | No                   | SM 4500H+B               | 08/24/10 10:40     | 6.96             | std. units     | 0.01             | std. units      |
| 070300      | TDS                    | "                            | No                   | SM 2540C                 | 08/27/10 16:45     | 180              | mg/L           | 9.89             | mg/L            |
| 000344      | Dissolved Oxy. (Field) | "                            | No                   | SM 4500O <sub>2</sub> G  | 08/24/10 10:40     | 1.51             | mg/L           | 0.01             | mg/L            |
| 000095      | Specific Cond. (Field) | "                            | No                   | SM 2510B                 | 08/24/10 10:40     | 332              | umhos/cm       | 0.00             | umhos/cm        |
| 000010      | Temp. (Field)          | "                            | No                   | SM 2550B                 | 08/24/10 10:40     | 23.73            | deg. C         | 0.00             | deg. C          |
| 071900      | Mercury                | "                            | No                   | SM 3112B                 | 08/31/10 10:00     | <0.2             | ug/L           | 0.2              | ug/L            |
| 000610      | Ammonia                | "                            | No                   | SM 4500NH <sub>3</sub> H | 09/15/10 8:00      | <0.04            | mg/L           | 0.04             | mg/L            |
| 900216      | Color by Obs. (Field)  | "                            | No                   | SM 2120B                 | 08/24/10 10:40     | CLEAR            | Obs.           | —                | Obs.            |
| 072020      | Water Level            | "                            | No                   | Field                    | 08/24/10 10:40     | 27.87            | Feet NGVD      | —                | Feet NGVD       |

## ANALYTICAL RESULTS

Project: Pasco County Resource Recovery  
Pace Project No.: 3516696

**Sample: 4 MW-8**      **Lab ID: 3516696004**      Collected: 08/24/10 10:40      Received: 08/26/10 12:35      Matrix: Water

| Parameters                                                                                 | Results        | Units | PQL   | MDL    | DF | Prepared       | Analyzed       | CAS No.   | Qual |
|--------------------------------------------------------------------------------------------|----------------|-------|-------|--------|----|----------------|----------------|-----------|------|
| <b>8011 GCS EDB and DBCP</b> Analytical Method: EPA 8011      Preparation Method: EPA 8011 |                |       |       |        |    |                |                |           |      |
| 1,2-Dibromo-3-chloropropane                                                                | <b>0.0053U</b> | ug/L  | 0.021 | 0.0053 | 1  | 08/30/10 12:00 | 08/31/10 00:45 | 96-12-8   |      |
| 1,2-Dibromoethane (EDB)                                                                    | <b>0.0067U</b> | ug/L  | 0.011 | 0.0067 | 1  | 08/30/10 12:00 | 08/31/10 00:45 | 106-93-4  |      |
| <b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3010          |                |       |       |        |    |                |                |           |      |
| Arsenic                                                                                    | <b>5.0U</b>    | ug/L  | 10.0  | 5.0    | 1  | 09/02/10 12:55 | 09/08/10 16:47 | 7440-38-2 |      |
| Barium                                                                                     | <b>8.0 I</b>   | ug/L  | 10.0  | 5.0    | 1  | 09/02/10 12:55 | 09/08/10 16:47 | 7440-39-3 |      |
| Beryllium                                                                                  | <b>0.50U</b>   | ug/L  | 1.0   | 0.50   | 1  | 09/02/10 12:55 | 09/08/10 16:47 | 7440-41-7 |      |
| Cadmium                                                                                    | <b>0.50U</b>   | ug/L  | 1.0   | 0.50   | 1  | 09/02/10 12:55 | 09/08/10 16:47 | 7440-43-9 |      |
| Chromium                                                                                   | <b>2.5U</b>    | ug/L  | 5.0   | 2.5    | 1  | 09/02/10 12:55 | 09/08/10 16:47 | 7440-47-3 |      |
| Cobalt                                                                                     | <b>5.0U</b>    | ug/L  | 10.0  | 5.0    | 1  | 09/02/10 12:55 | 09/08/10 16:47 | 7440-48-4 |      |
| Copper                                                                                     | <b>2.5U</b>    | ug/L  | 5.0   | 2.5    | 1  | 09/02/10 12:55 | 09/08/10 16:47 | 7440-50-8 |      |
| Iron                                                                                       | <b>20.0U</b>   | ug/L  | 40.0  | 20.0   | 1  | 09/02/10 12:55 | 09/08/10 16:47 | 7439-89-6 |      |
| Lead                                                                                       | <b>5.0U</b>    | ug/L  | 10.0  | 5.0    | 1  | 09/02/10 12:55 | 09/08/10 16:47 | 7439-92-1 |      |
| Nickel                                                                                     | <b>2.5U</b>    | ug/L  | 5.0   | 2.5    | 1  | 09/02/10 12:55 | 09/08/10 16:47 | 7440-02-0 |      |
| Selenium                                                                                   | <b>7.5U</b>    | ug/L  | 15.0  | 7.5    | 1  | 09/02/10 12:55 | 09/08/10 16:47 | 7782-49-2 |      |
| Silver                                                                                     | <b>2.5U</b>    | ug/L  | 5.0   | 2.5    | 1  | 09/02/10 12:55 | 09/08/10 16:47 | 7440-22-4 |      |
| Sodium                                                                                     | <b>4.0</b>     | mg/L  | 1.0   | 0.50   | 1  | 09/02/10 12:55 | 09/08/10 16:47 | 7440-23-5 |      |
| Vanadium                                                                                   | <b>5.0U</b>    | ug/L  | 10.0  | 5.0    | 1  | 09/02/10 12:55 | 09/08/10 16:47 | 7440-62-2 |      |
| Zinc                                                                                       | <b>10.0U</b>   | ug/L  | 20.0  | 10.0   | 1  | 09/02/10 12:55 | 09/08/10 16:47 | 7440-66-6 |      |
| <b>6020 MET ICPMS</b> Analytical Method: EPA 6020      Preparation Method: EPA 3010        |                |       |       |        |    |                |                |           |      |
| Antimony                                                                                   | <b>0.50U</b>   | ug/L  | 1.0   | 0.50   | 1  | 09/02/10 12:55 | 09/03/10 21:08 | 7440-36-0 |      |
| Thallium                                                                                   | <b>0.50U</b>   | ug/L  | 1.0   | 0.50   | 1  | 09/02/10 12:55 | 09/03/10 21:08 | 7440-28-0 |      |
| <b>8260 MSV</b> Analytical Method: EPA 8260                                                |                |       |       |        |    |                |                |           |      |
| Acetone                                                                                    | <b>5.0U</b>    | ug/L  | 10.0  | 5.0    | 1  |                | 08/26/10 22:58 | 67-64-1   |      |
| Acrylonitrile                                                                              | <b>5.0U</b>    | ug/L  | 10.0  | 5.0    | 1  |                | 08/26/10 22:58 | 107-13-1  |      |
| Benzene                                                                                    | <b>0.50U</b>   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 22:58 | 71-43-2   |      |
| Bromochloromethane                                                                         | <b>0.50U</b>   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 22:58 | 74-97-5   |      |
| Bromodichloromethane                                                                       | <b>0.27U</b>   | ug/L  | 0.60  | 0.27   | 1  |                | 08/26/10 22:58 | 75-27-4   |      |
| Bromoform                                                                                  | <b>0.50U</b>   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 22:58 | 75-25-2   |      |
| Bromomethane                                                                               | <b>0.50U</b>   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 22:58 | 74-83-9   |      |
| 2-Butanone (MEK)                                                                           | <b>5.0U</b>    | ug/L  | 10.0  | 5.0    | 1  |                | 08/26/10 22:58 | 78-93-3   |      |
| Carbon disulfide                                                                           | <b>0.50U</b>   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 22:58 | 75-15-0   |      |
| Carbon tetrachloride                                                                       | <b>0.50U</b>   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 22:58 | 56-23-5   |      |
| Chlorobenzene                                                                              | <b>0.50U</b>   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 22:58 | 108-90-7  |      |
| Chloroethane                                                                               | <b>0.50U</b>   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 22:58 | 75-00-3   |      |
| Chloroform                                                                                 | <b>0.50U</b>   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 22:58 | 67-66-3   |      |
| Chloromethane                                                                              | <b>0.62U</b>   | ug/L  | 1.0   | 0.62   | 1  |                | 08/26/10 22:58 | 74-87-3   |      |
| Dibromochloromethane                                                                       | <b>0.26U</b>   | ug/L  | 0.50  | 0.26   | 1  |                | 08/26/10 22:58 | 124-48-1  |      |
| Dibromomethane                                                                             | <b>0.50U</b>   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 22:58 | 74-95-3   |      |
| 1,2-Dichlorobenzene                                                                        | <b>0.50U</b>   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 22:58 | 95-50-1   |      |
| 1,4-Dichlorobenzene                                                                        | <b>0.50U</b>   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 22:58 | 106-46-7  |      |
| trans-1,4-Dichloro-2-butene                                                                | <b>5.0U</b>    | ug/L  | 10.0  | 5.0    | 1  |                | 08/26/10 22:58 | 110-57-6  |      |
| 1,1-Dichloroethane                                                                         | <b>0.50U</b>   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 22:58 | 75-34-3   |      |
| 1,2-Dichloroethane                                                                         | <b>0.50U</b>   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 22:58 | 107-06-2  |      |

Date: 11/03/2010 12:29 PM

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Pasco County/Resource Recovery  
Pace Project No.: 3516696

**Sample: 4 MW-8**      **Lab ID: 3516696004**      Collected: 08/24/10 10:40      Received: 08/26/10 12:35      Matrix: Water

| Parameters                                  | Results | Units | PQL    | MDL  | DF | Prepared | Analyzed       | CAS No.    | Qual |
|---------------------------------------------|---------|-------|--------|------|----|----------|----------------|------------|------|
| <b>8260 MSV</b> Analytical Method: EPA 8260 |         |       |        |      |    |          |                |            |      |
| 1,1-Dichloroethene                          | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 22:58 | 75-35-4    |      |
| cis-1,2-Dichloroethene                      | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 22:58 | 156-59-2   |      |
| trans-1,2-Dichloroethene                    | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 22:58 | 156-60-5   |      |
| 1,2-Dichloropropane                         | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 22:58 | 78-87-5    |      |
| cis-1,3-Dichloropropene                     | 0.25U   | ug/L  | 0.50   | 0.25 | 1  |          | 08/26/10 22:58 | 10061-01-5 |      |
| trans-1,3-Dichloropropene                   | 0.25U   | ug/L  | 0.50   | 0.25 | 1  |          | 08/26/10 22:58 | 10061-02-6 |      |
| Ethylbenzene                                | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 22:58 | 100-41-4   |      |
| 2-Hexanone                                  | 5.0U    | ug/L  | 10.0   | 5.0  | 1  |          | 08/26/10 22:58 | 591-78-6   |      |
| Iodomethane                                 | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 22:58 | 74-88-4    |      |
| Methylene Chloride                          | 2.5U    | ug/L  | 5.0    | 2.5  | 1  |          | 08/26/10 22:58 | 75-09-2    |      |
| 4-Methyl-2-pentanone (MIBK)                 | 5.0U    | ug/L  | 10.0   | 5.0  | 1  |          | 08/26/10 22:58 | 108-10-1   |      |
| Styrene                                     | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 22:58 | 100-42-5   |      |
| 1,1,1,2-Tetrachloroethane                   | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 22:58 | 630-20-6   |      |
| 1,1,2,2-Tetrachloroethane                   | 0.18U   | ug/L  | 0.50   | 0.18 | 1  |          | 08/26/10 22:58 | 79-34-5    |      |
| Tetrachloroethene                           | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 22:58 | 127-18-4   |      |
| Toluene                                     | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 22:58 | 108-88-3   |      |
| 1,1,1-Trichloroethane                       | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 22:58 | 71-55-6    |      |
| 1,1,2-Trichloroethane                       | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 22:58 | 79-00-5    |      |
| Trichloroethene                             | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 22:58 | 79-01-6    |      |
| Trichlorofluoromethane                      | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 22:58 | 75-69-4    |      |
| 1,2,3-Trichloropropane                      | 0.36U   | ug/L  | 0.50   | 0.36 | 1  |          | 08/26/10 22:58 | 96-18-4    |      |
| Vinyl acetate                               | 1.0U    | ug/L  | 2.0    | 1.0  | 1  |          | 08/26/10 22:58 | 108-05-4   |      |
| Vinyl chloride                              | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 22:58 | 75-01-4    |      |
| Xylene (Total)                              | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 22:58 | 1330-20-7  |      |
| 4-Bromofluorobenzene (S)                    | 108 %   |       | 70-114 |      | 1  |          | 08/26/10 22:58 | 460-00-4   |      |
| Dibromofluoromethane (S)                    | 91 %    |       | 88-117 |      | 1  |          | 08/26/10 22:58 | 1868-53-7  |      |
| 1,2-Dichloroethane-d4 (S)                   | 98 %    |       | 86-125 |      | 1  |          | 08/26/10 22:58 | 17060-07-0 |      |
| Toluene-d8 (S)                              | 97 %    |       | 87-113 |      | 1  |          | 08/26/10 22:58 | 2037-26-5  |      |

**PART III ANALYTICAL RESULTS**
**Facility ID #:** 45799
**Site:** West Pasco Class III Sanitary Landfill
**Test Site ID #:** 2345
**Sampling Date/Time:** 08/23/2010 @ 09:40
**Well Name:** 2MW-9
**Report Period:** 2010 Quarter III
**Classification of Groundwater:** Surficial
**Well Purged:** YES
**Groundwater Elevation (NGVD):** DRY
**Well Type:** PZ

| Storet Code | Parameter Monitored    | Sampling Method              | Field Filtered (Y/N) | Analysis Method          | Analysis Date/Time | Analysis Results | Analysis Units | Detection Limits | Detection Units |
|-------------|------------------------|------------------------------|----------------------|--------------------------|--------------------|------------------|----------------|------------------|-----------------|
| 000620      | Nitrate                | Well Wizard Ded. Mon. System | No                   | SM 4500NO <sub>3</sub> F | 08/23/10 09:40     | DRY              | mg/L           | 0.02             | mg/L            |
| 000929      | Sodium                 | "                            | No                   | EPA 200.7                |                    | "                | mg/L           | 0.01             | mg/L            |
| 082079      | Turbidity              | "                            | No                   | SM 2130B                 |                    | "                | NTU            | 0.01             | NTU             |
| 00940       | Chloride               | "                            | No                   | EPA 300.0                |                    | "                | mg/L           | 0.13             | mg/L            |
| 001045      | Iron                   | "                            | No                   | EPA 200.7                |                    | "                | ug/L           | 2                | ug/L            |
| 00400       | pH-Field               | "                            | No                   | SM 4500H+B               |                    | "                | std. units     | 0.01             | std. units      |
| 070300      | TDS                    | "                            | No                   | SM 2540C                 |                    | "                | mg/L           | 9.89             | mg/L            |
| 000344      | Dissolved Oxy. (Field) | "                            | No                   | SM 4500O,G               |                    | "                | mg/L           | 0.01             | mg/L            |
| 000095      | Specific Cond. (Field) | "                            | No                   | SM 2510B                 |                    | "                | umhos/cm       | 0.00             | umhos/cm        |
| 000010      | Temp. (Field)          | "                            | No                   | SM 2550B                 |                    | "                | deg. C         | 0.00             | deg. C          |
| 071900      | Mercury                | "                            | No                   | SM 3112B                 |                    | "                | ug/L           | 0.2              | ug/L            |
| 000610      | Ammonia                | "                            | No                   | SM 4500NH <sub>3</sub> H |                    | "                | mg/L           | 0.04             | mg/L            |
| 900216      | Color by Obs. (Field)  | "                            | No                   | SM 2120B                 |                    | "                | Obs.           | ---              | Obs.            |
| 072020      | Water Level            | "                            | No                   | Field                    |                    | "                | Feet NGVD      | ---              | Feet NGVD       |

PART III ANALYTICAL RESULTS

Facility ID #: 45799

Site: West Pasco Class III Sanitary Landfill

Test Site ID #: 2342

Sampling Date/Time: 08/23/2010 @ 10:46

Well Name: 4MW-9

Report Period: 2010 Quarter III

Classification of Groundwater: Floridan

Well Purged: YES

Groundwater Elevation (NGVD): 26.18

Well Type: PZ

| Storet Code | Parameter Monitored    | Sampling Method              | Field Filtered (Y/N) | Analysis Method          | Analysis Date/Time | Analysis Results | Analysis Units | Detection Limits | Detection Units |
|-------------|------------------------|------------------------------|----------------------|--------------------------|--------------------|------------------|----------------|------------------|-----------------|
| 000620      | Nitrate                | Well Wizard Ded. Mon. System | No                   | SM 4500NO <sub>3</sub> F | 08/26/10 8:00      | 0.32             | mg/L           | 0.02             | mg/L            |
| 000929      | Sodium                 | "                            | No                   | EPA 200.7                | 08/27/10 10:00     | 7.74             | mg/L           | 0.01             | mg/L            |
| 082079      | Turbidity              | "                            | No                   | SM 2130B                 | 08/23/10 10:46     | 0.7              | NTU            | 0.01             | NTU             |
| 00940       | Chloride               | "                            | No                   | EPA 300.0                | 08/25/10 17:00     | 24.2             | mg/L           | 0.13             | mg/L            |
| 001045      | Iron                   | "                            | No                   | EPA 200.7                | 08/26/10 10:35     | <2.0             | ug/L           | 2                | ug/L            |
| 00400       | pH-Field               | "                            | No                   | SM 4500H+B               | 08/23/10 10:46     | 7.14             | std. units     | 0.01             | std. units      |
| 070300      | TDS                    | "                            | No                   | SM 2540C                 | 08/27/10 16:45     | 230              | mg/L           | 9.89             | mg/L            |
| 000344      | Dissolved Oxy. (Field) | "                            | No                   | SM 4500O <sub>2</sub> G  | 08/23/10 10:46     | 0.75             | mg/L           | 0.01             | mg/L            |
| 000095      | Specific Cond. (Field) | "                            | No                   | SM 2510B                 | 08/23/10 10:46     | 369              | umhos/cm       | 0.00             | umhos/cm        |
| 000010      | Temp. (Field)          | "                            | No                   | SM 2550B                 | 08/23/10 10:46     | 24.11            | deg. C         | 0.00             | deg. C          |
| 071900      | Mercury                | "                            | No                   | SM 3112B                 | 08/31/10 10:00     | <0.2             | ug/L           | 0.2              | ug/L            |
| 000610      | Ammonia                | "                            | No                   | SM 4500NH <sub>3</sub> H | 09/15/10 8:00      | <0.04            | mg/L           | 0.04             | mg/L            |
| 900216      | Color by Obs. (Field)  | "                            | No                   | SM 2120B                 | 08/23/10 10:46     | CLEAR            | Obs.           | ---              | Obs.            |
| 072020      | Water Level            | "                            | No                   | Field                    | 08/23/10 10:46     | 26.18            | Feet NGVD      | ---              | Feet NGVD       |

## ANALYTICAL RESULTS

Project: Pasco County Resource Recovery  
Pace Project No.: 3516696

Sample: 4 MW-9 Lab ID: 3516696002 Collected: 08/23/10 10:46 Received: 08/24/10 11:50 Matrix: Water

| Parameters                                               | Results | Units | PQL    | MDL    | DF | Prepared       | Analyzed       | CAS No.   | Qual |
|----------------------------------------------------------|---------|-------|--------|--------|----|----------------|----------------|-----------|------|
| <b>8011 GCS EDB and DBCP</b>                             |         |       |        |        |    |                |                |           |      |
| Analytical Method: EPA 8011 Preparation Method: EPA 8011 |         |       |        |        |    |                |                |           |      |
| 1,2-Dibromo-3-chloropropane                              | 0.0048U | ug/L  | 0.020  | 0.0048 | 1  | 08/30/10 12:00 | 08/31/10 00:16 | 96-12-8   |      |
| 1,2-Dibromoethane (EDB)                                  | 0.0061U | ug/L  | 0.0098 | 0.0061 | 1  | 08/30/10 12:00 | 08/31/10 00:16 | 106-93-4  |      |
| <b>6010 MET ICP</b>                                      |         |       |        |        |    |                |                |           |      |
| Analytical Method: EPA 6010 Preparation Method: EPA 3010 |         |       |        |        |    |                |                |           |      |
| Arsenic                                                  | 5.0U    | ug/L  | 10.0   | 5.0    | 1  | 08/26/10 11:05 | 09/01/10 03:06 | 7440-38-2 |      |
| Barium                                                   | 8.3 I   | ug/L  | 10.0   | 5.0    | 1  | 08/26/10 11:05 | 09/01/10 03:06 | 7440-39-3 |      |
| Beryllium                                                | 0.50U   | ug/L  | 1.0    | 0.50   | 1  | 08/26/10 11:05 | 09/01/10 03:06 | 7440-41-7 |      |
| Cadmium                                                  | 0.50U   | ug/L  | 1.0    | 0.50   | 1  | 08/26/10 11:05 | 09/01/10 03:06 | 7440-43-9 |      |
| Chromium                                                 | 2.5U    | ug/L  | 5.0    | 2.5    | 1  | 08/26/10 11:05 | 09/01/10 03:06 | 7440-47-3 |      |
| Cobalt                                                   | 5.0U    | ug/L  | 10.0   | 5.0    | 1  | 08/26/10 11:05 | 09/01/10 03:06 | 7440-48-4 |      |
| Copper                                                   | 2.5U    | ug/L  | 5.0    | 2.5    | 1  | 08/26/10 11:05 | 09/01/10 03:06 | 7440-50-8 |      |
| Iron                                                     | 20.0U   | ug/L  | 40.0   | 20.0   | 1  | 08/26/10 11:05 | 09/01/10 03:06 | 7439-89-6 |      |
| Lead                                                     | 5.0U    | ug/L  | 10.0   | 5.0    | 1  | 08/26/10 11:05 | 09/01/10 03:06 | 7439-92-1 |      |
| Nickel                                                   | 2.5U    | ug/L  | 5.0    | 2.5    | 1  | 08/26/10 11:05 | 09/01/10 03:06 | 7440-02-0 |      |
| Selenium                                                 | 7.5U    | ug/L  | 15.0   | 7.5    | 1  | 08/26/10 11:05 | 09/01/10 03:06 | 7782-49-2 |      |
| Silver                                                   | 2.5U    | ug/L  | 5.0    | 2.5    | 1  | 08/26/10 11:05 | 09/01/10 03:06 | 7440-22-4 |      |
| Sodium                                                   | 7.7     | mg/L  | 1.0    | 0.50   | 1  | 08/26/10 11:05 | 09/01/10 03:06 | 7440-23-5 |      |
| Vanadium                                                 | 5.0U    | ug/L  | 10.0   | 5.0    | 1  | 08/26/10 11:05 | 09/01/10 03:06 | 7440-62-2 |      |
| Zinc                                                     | 10.0U   | ug/L  | 20.0   | 10.0   | 1  | 08/26/10 11:05 | 09/01/10 03:06 | 7440-66-6 |      |
| <b>6020 MET ICPMS</b>                                    |         |       |        |        |    |                |                |           |      |
| Analytical Method: EPA 6020 Preparation Method: EPA 3010 |         |       |        |        |    |                |                |           |      |
| Antimony                                                 | 0.50U   | ug/L  | 1.0    | 0.50   | 1  | 08/26/10 11:05 | 08/31/10 20:57 | 7440-36-0 |      |
| Thallium                                                 | 0.50U   | ug/L  | 1.0    | 0.50   | 1  | 08/26/10 11:05 | 08/31/10 20:57 | 7440-28-0 |      |
| <b>8260 MSV</b>                                          |         |       |        |        |    |                |                |           |      |
| Analytical Method: EPA 8260                              |         |       |        |        |    |                |                |           |      |
| Acetone                                                  | 5.0U    | ug/L  | 10.0   | 5.0    | 1  |                | 08/25/10 17:31 | 67-64-1   |      |
| Acrylonitrile                                            | 5.0U    | ug/L  | 10.0   | 5.0    | 1  |                | 08/25/10 17:31 | 107-13-1  |      |
| Benzene                                                  | 0.50U   | ug/L  | 1.0    | 0.50   | 1  |                | 08/25/10 17:31 | 71-43-2   |      |
| Bromochloromethane                                       | 0.50U   | ug/L  | 1.0    | 0.50   | 1  |                | 08/25/10 17:31 | 74-97-5   |      |
| Bromodichloromethane                                     | 0.27U   | ug/L  | 0.60   | 0.27   | 1  |                | 08/25/10 17:31 | 75-27-4   |      |
| Bromoform                                                | 0.50U   | ug/L  | 1.0    | 0.50   | 1  |                | 08/25/10 17:31 | 75-25-2   |      |
| Bromomethane                                             | 0.50U   | ug/L  | 1.0    | 0.50   | 1  |                | 08/25/10 17:31 | 74-83-9   |      |
| 2-Butanone (MEK)                                         | 5.0U    | ug/L  | 10.0   | 5.0    | 1  |                | 08/25/10 17:31 | 78-93-3   |      |
| Carbon disulfide                                         | 0.50U   | ug/L  | 1.0    | 0.50   | 1  |                | 08/25/10 17:31 | 75-15-0   |      |
| Carbon tetrachloride                                     | 0.50U   | ug/L  | 1.0    | 0.50   | 1  |                | 08/25/10 17:31 | 56-23-5   |      |
| Chlorobenzene                                            | 0.50U   | ug/L  | 1.0    | 0.50   | 1  |                | 08/25/10 17:31 | 108-90-7  |      |
| Chloroethane                                             | 0.50U   | ug/L  | 1.0    | 0.50   | 1  |                | 08/25/10 17:31 | 75-00-3   |      |
| Chloroform                                               | 0.50U   | ug/L  | 1.0    | 0.50   | 1  |                | 08/25/10 17:31 | 67-66-3   |      |
| Chloromethane                                            | 0.62U   | ug/L  | 1.0    | 0.62   | 1  |                | 08/25/10 17:31 | 74-87-3   |      |
| Dibromochloromethane                                     | 0.26U   | ug/L  | 0.50   | 0.26   | 1  |                | 08/25/10 17:31 | 124-48-1  |      |
| Dibromomethane                                           | 0.50U   | ug/L  | 1.0    | 0.50   | 1  |                | 08/25/10 17:31 | 74-95-3   |      |
| 1,2-Dichlorobenzene                                      | 0.50U   | ug/L  | 1.0    | 0.50   | 1  |                | 08/25/10 17:31 | 95-50-1   |      |
| 1,4-Dichlorobenzene                                      | 0.50U   | ug/L  | 1.0    | 0.50   | 1  |                | 08/25/10 17:31 | 106-46-7  |      |
| trans-1,4-Dichloro-2-butene                              | 5.0U    | ug/L  | 10.0   | 5.0    | 1  |                | 08/25/10 17:31 | 110-57-6  |      |
| 1,1-Dichloroethane                                       | 0.50U   | ug/L  | 1.0    | 0.50   | 1  |                | 08/25/10 17:31 | 75-34-3   |      |
| 1,2-Dichloroethane                                       | 0.50U   | ug/L  | 1.0    | 0.50   | 1  |                | 08/25/10 17:31 | 107-06-2  |      |

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## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Pasco County Resource Recovery  
Pace Project No.: 3516696

Sample: 4 MW-9 Lab ID: 3516696002 Collected: 08/23/10 10:46 Received: 08/24/10 11:50 Matrix: Water

| Parameters                  | Results | Units                       | PQL    | MDL  | DF | Prepared | Analyzed       | CAS No.    | Qual |
|-----------------------------|---------|-----------------------------|--------|------|----|----------|----------------|------------|------|
| <b>8260 MSV</b>             |         | Analytical Method: EPA 8260 |        |      |    |          |                |            |      |
| 1,1-Dichloroethene          | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 17:31 | 75-35-4    |      |
| cis-1,2-Dichloroethene      | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 17:31 | 156-59-2   |      |
| trans-1,2-Dichloroethene    | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 17:31 | 156-60-5   |      |
| 1,2-Dichloropropane         | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 17:31 | 78-87-5    |      |
| cis-1,3-Dichloropropene     | 0.25U   | ug/L                        | 0.50   | 0.25 | 1  |          | 08/25/10 17:31 | 10061-01-5 |      |
| trans-1,3-Dichloropropene   | 0.25U   | ug/L                        | 0.50   | 0.25 | 1  |          | 08/25/10 17:31 | 10061-02-6 |      |
| Ethylbenzene                | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 17:31 | 100-41-4   |      |
| 2-Hexanone                  | 5.0U    | ug/L                        | 10.0   | 5.0  | 1  |          | 08/25/10 17:31 | 591-78-6   |      |
| Iodomethane                 | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 17:31 | 74-88-4    |      |
| Methylene Chloride          | 2.5U    | ug/L                        | 5.0    | 2.5  | 1  |          | 08/25/10 17:31 | 75-09-2    |      |
| 4-Methyl-2-pentanone (MIBK) | 5.0U    | ug/L                        | 10.0   | 5.0  | 1  |          | 08/25/10 17:31 | 108-10-1   |      |
| Styrene                     | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 17:31 | 100-42-5   |      |
| 1,1,1,2-Tetrachloroethane   | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 17:31 | 630-20-6   |      |
| 1,1,2,2-Tetrachloroethane   | 0.18U   | ug/L                        | 0.50   | 0.18 | 1  |          | 08/25/10 17:31 | 79-34-5    |      |
| Tetrachloroethene           | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 17:31 | 127-18-4   |      |
| Toluene                     | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 17:31 | 108-88-3   |      |
| 1,1,1-Trichloroethane       | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 17:31 | 71-55-6    |      |
| 1,1,2-Trichloroethane       | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 17:31 | 79-00-5    |      |
| Trichloroethene             | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 17:31 | 79-01-6    |      |
| Trichlorofluoromethane      | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 17:31 | 75-69-4    |      |
| 1,2,3-Trichloropropane      | 0.36U   | ug/L                        | 0.50   | 0.36 | 1  |          | 08/25/10 17:31 | 96-18-4    |      |
| Vinyl acetate               | 1.0U    | ug/L                        | 2.0    | 1.0  | 1  |          | 08/25/10 17:31 | 108-05-4   |      |
| Vinyl chloride              | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 17:31 | 75-01-4    |      |
| Xylene (Total)              | 0.50U   | ug/L                        | 1.0    | 0.50 | 1  |          | 08/25/10 17:31 | 1330-20-7  |      |
| 4-Bromofluorobenzene (S)    | 109 %   |                             | 70-114 |      | 1  |          | 08/25/10 17:31 | 460-00-4   |      |
| Dibromofluoromethane (S)    | 106 %   |                             | 88-117 |      | 1  |          | 08/25/10 17:31 | 1868-53-7  |      |
| 1,2-Dichloroethane-d4 (S)   | 109 %   |                             | 86-125 |      | 1  |          | 08/25/10 17:31 | 17060-07-0 |      |
| Toluene-d8 (S)              | 106 %   |                             | 87-113 |      | 1  |          | 08/25/10 17:31 | 2037-26-5  |      |

**PART III ANALYTICAL RESULTS**

Facility ID #: 45799

Site: West Pasco Class III Sanitary Landfill

Test Site ID #: 2346

Sampling Date/Time: 08/23/2010 @ 10:55

Well Name: 2MW-10

Report Period: 2010 Quarter III

Classification of Groundwater: Surficial

Well Purged: YES

Groundwater Elevation (NGVD): DRY

Well Type: PZ

| Storet Code | Parameter Monitored    | Sampling Method              | Field Filtered (Y/N) | Analysis Method          | Analysis Date/Time | Analysis Results | Analysis Units | Detection Limits | Detection Units |
|-------------|------------------------|------------------------------|----------------------|--------------------------|--------------------|------------------|----------------|------------------|-----------------|
| 000620      | Nitrate                | Well Wizard Ded. Mon. System | No                   | SM 4500NO <sub>3</sub> F | 08/23/10 10:55     | DRY              | mg/L           | 0.02             | mg/L            |
| 000929      | Sodium                 | "                            | No                   | EPA 200.7                |                    | "                | mg/L           | 0.01             | mg/L            |
| 082079      | Turbidity              | "                            | No                   | SM 2130B                 |                    | "                | NTU            | 0.01             | NTU             |
| 00940       | Chloride               | "                            | No                   | EPA 300.0                |                    | "                | mg/L           | 0.13             | mg/L            |
| 001045      | Iron                   | "                            | No                   | EPA 200.7                |                    | "                | ug/L           | 2                | ug/L            |
| 00400       | pH-Field               | "                            | No                   | SM 4500H+B               |                    | "                | std. units     | 0.01             | std. units      |
| 070300      | TDS                    | "                            | No                   | SM 2540C                 |                    | "                | mg/L           | 9.89             | mg/L            |
| 000344      | Dissolved Oxy. (Field) | "                            | No                   | SM 4500O,G               |                    | "                | mg/L           | 0.01             | mg/L            |
| 000095      | Specific Cond. (Field) | "                            | No                   | SM 2510B                 |                    | "                | umhos/cm       | 0.00             | umhos/cm        |
| 000010      | Temp. (Field)          | "                            | No                   | SM 2550B                 |                    | "                | deg. C         | 0.00             | deg. C          |
| 071900      | Mercury                | "                            | No                   | SM 3112B                 |                    | "                | ug/L           | 0.2              | ug/L            |
| 000610      | Ammonia                | "                            | No                   | SM 4500NH <sub>3</sub> H |                    | "                | mg/L           | 0.04             | mg/L            |
| 900216      | Color by Obs. (Field)  | "                            | No                   | SM 2120B                 |                    | "                | Obs.           | —                | Obs.            |
| 072020      | Water Level            | "                            | No                   | Field                    |                    | "                | Feet NGVD      | —                | Feet NGVD       |

## PART III ANALYTICAL RESULTS

Facility ID #: 45799Site: West Pasco Class III Sanitary LandfillTest Site ID #: 23065Sampling Date/Time: 08/24/2010 @ 11:46Well Name: 4MW-21Report Period: 2010 Quarter IIIClassification of Groundwater: FloridanWell Purged: YESGroundwater Elevation (NGVD): 27.74Well Type: DE

| Storet Code | Parameter Monitored    | Sampling Method              | Field Filtered (Y/N) | Analysis Method          | Analysis Date/Time | Analysis Results | Analysis Units | Detection Limits | Detection Units |
|-------------|------------------------|------------------------------|----------------------|--------------------------|--------------------|------------------|----------------|------------------|-----------------|
| 000620      | Nitrate                | Well Wizard Ded. Mon. System | No                   | SM 4500NO <sub>3</sub> F | 08/26/10 8:00      | 8.38             | mg/L           | 0.02             | mg/L            |
| 000929      | Sodium                 | "                            | No                   | EPA 200.7                | 08/27/10 10:00     | 4.86             | mg/L           | 0.01             | mg/L            |
| 082079      | Turbidity              | "                            | No                   | SM 2130B                 | 08/24/10 11:46     | 1.4              | NTU            | 0.01             | NTU             |
| 00940       | Chloride               | "                            | No                   | EPA 300.0                | 08/25/10 17:00     | 20.4             | mg/L           | 0.13             | mg/L            |
| 001045      | Iron                   | "                            | No                   | EPA 200.7                | 08/26/10 10:35     | 73.0             | ug/L           | 2                | ug/L            |
| 00400       | pH-Field               | "                            | No                   | SM 4500H+B               | 08/24/10 11:46     | 5.27             | std. units     | 0.01             | std. units      |
| 070300      | TDS                    | "                            | No                   | SM 2540C                 | 08/27/10 16:45     | 160              | mg/L           | 9.89             | mg/L            |
| 000344      | Dissolved Oxy. (Field) | "                            | No                   | SM 4500O,G               | 08/24/10 11:46     | 3.60             | mg/L           | 0.01             | mg/L            |
| 000095      | Specific Cond. (Field) | "                            | No                   | SM 2510B                 | 08/24/10 11:46     | 148              | umhos/cm       | 0.00             | umhos/cm        |
| 000010      | Temp. (Field)          | "                            | No                   | SM 2550B                 | 08/24/10 11:46     | 24.43            | deg. C         | 0.00             | deg. C          |
| 071900      | Mercury                | "                            | No                   | SM 3112B                 | 08/31/10 10:00     | <0.2             | ug/L           | 0.2              | ug/L            |
| 000610      | Ammonia                | "                            | No                   | SM 4500NH <sub>3</sub> H | 09/15/10 8:00      | 0.17             | mg/L           | 0.04             | mg/L            |
| 900216      | Color by Obs. (Field)  | "                            | No                   | SM 2120B                 | 08/24/10 11:46     | CLEAR            | Obs.           | ---              | Obs.            |
| 072020      | Water Level            | "                            | No                   | Field                    | 08/24/10 11:46     | 27.74            | Feet NGVD      | ---              | Feet NGVD       |

## ANALYTICAL RESULTS

Project: Pasco County Resource Recovery  
Pace Project No.: 3516696

Sample: 4MW-21 Lab ID: 3516696005 Collected: 08/24/10 11:46 Received: 08/26/10 12:35 Matrix: Water

| Parameters                                                                            | Results | Units | PQL   | MDL    | DF | Prepared       | Analyzed       | CAS No.   | Qual |
|---------------------------------------------------------------------------------------|---------|-------|-------|--------|----|----------------|----------------|-----------|------|
| <b>8011 GCS EDB and DBCP</b> Analytical Method: EPA 8011 Preparation Method: EPA 8011 |         |       |       |        |    |                |                |           |      |
| 1,2-Dibromo-3-chloropropane                                                           | 0.0049U | ug/L  | 0.020 | 0.0049 | 1  | 08/30/10 12:00 | 08/31/10 01:00 | 96-12-8   |      |
| 1,2-Dibromoethane (EDB)                                                               | 0.0062U | ug/L  | 0.010 | 0.0062 | 1  | 08/30/10 12:00 | 08/31/10 01:00 | 106-93-4  |      |
| <b>6010 MET ICP</b> Analytical Method: EPA 6010 Preparation Method: EPA 3010          |         |       |       |        |    |                |                |           |      |
| Arsenic                                                                               | 5.0U    | ug/L  | 10.0  | 5.0    | 1  | 09/02/10 12:55 | 09/08/10 16:50 | 7440-38-2 |      |
| Barium                                                                                | 11.4    | ug/L  | 10.0  | 5.0    | 1  | 09/02/10 12:55 | 09/08/10 16:50 | 7440-39-3 |      |
| Beryllium                                                                             | 0.50U   | ug/L  | 1.0   | 0.50   | 1  | 09/02/10 12:55 | 09/08/10 16:50 | 7440-41-7 |      |
| Cadmium                                                                               | 1.6     | ug/L  | 1.0   | 0.50   | 1  | 09/02/10 12:55 | 09/08/10 16:50 | 7440-43-9 |      |
| Chromium                                                                              | 2.5 I   | ug/L  | 5.0   | 2.5    | 1  | 09/02/10 12:55 | 09/08/10 16:50 | 7440-47-3 |      |
| Cobalt                                                                                | 5.0U    | ug/L  | 10.0  | 5.0    | 1  | 09/02/10 12:55 | 09/08/10 16:50 | 7440-48-4 |      |
| Copper                                                                                | 2.5U    | ug/L  | 5.0   | 2.5    | 1  | 09/02/10 12:55 | 09/08/10 16:50 | 7440-50-8 |      |
| Iron                                                                                  | 292     | ug/L  | 40.0  | 20.0   | 1  | 09/02/10 12:55 | 09/08/10 16:50 | 7439-89-6 |      |
| Lead                                                                                  | 5.0U    | ug/L  | 10.0  | 5.0    | 1  | 09/02/10 12:55 | 09/08/10 16:50 | 7439-92-1 |      |
| Nickel                                                                                | 2.5U    | ug/L  | 5.0   | 2.5    | 1  | 09/02/10 12:55 | 09/08/10 16:50 | 7440-02-0 |      |
| Selenium                                                                              | 7.5U    | ug/L  | 15.0  | 7.5    | 1  | 09/02/10 12:55 | 09/08/10 16:50 | 7782-49-2 |      |
| Silver                                                                                | 2.5U    | ug/L  | 5.0   | 2.5    | 1  | 09/02/10 12:55 | 09/08/10 16:50 | 7440-22-4 |      |
| Sodium                                                                                | 4.8     | mg/L  | 1.0   | 0.50   | 1  | 09/02/10 12:55 | 09/08/10 16:50 | 7440-23-5 |      |
| Vanadium                                                                              | 5.0U    | ug/L  | 10.0  | 5.0    | 1  | 09/02/10 12:55 | 09/08/10 16:50 | 7440-62-2 |      |
| Zinc                                                                                  | 10.0U   | ug/L  | 20.0  | 10.0   | 1  | 09/02/10 12:55 | 09/08/10 16:50 | 7440-66-6 |      |
| <b>6020 MET ICPMS</b> Analytical Method: EPA 6020 Preparation Method: EPA 3010        |         |       |       |        |    |                |                |           |      |
| Antimony                                                                              | 0.50U   | ug/L  | 1.0   | 0.50   | 1  | 09/02/10 12:55 | 09/03/10 21:20 | 7440-36-0 |      |
| Thallium                                                                              | 0.50U   | ug/L  | 1.0   | 0.50   | 1  | 09/02/10 12:55 | 09/03/10 21:20 | 7440-28-0 |      |
| <b>8260 MSV</b> Analytical Method: EPA 8260                                           |         |       |       |        |    |                |                |           |      |
| Acetone                                                                               | 5.0U    | ug/L  | 10.0  | 5.0    | 1  |                | 08/26/10 23:22 | 67-64-1   |      |
| Acrylonitrile                                                                         | 5.0U    | ug/L  | 10.0  | 5.0    | 1  |                | 08/26/10 23:22 | 107-13-1  |      |
| Benzene                                                                               | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 23:22 | 71-43-2   |      |
| Bromochloromethane                                                                    | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 23:22 | 74-97-5   |      |
| Bromodichloromethane                                                                  | 0.27U   | ug/L  | 0.60  | 0.27   | 1  |                | 08/26/10 23:22 | 75-27-4   |      |
| Bromoform                                                                             | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 23:22 | 75-25-2   |      |
| Bromomethane                                                                          | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 23:22 | 74-83-9   |      |
| 2-Butanone (MEK)                                                                      | 5.0U    | ug/L  | 10.0  | 5.0    | 1  |                | 08/26/10 23:22 | 78-93-3   |      |
| Carbon disulfide                                                                      | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 23:22 | 75-15-0   |      |
| Carbon tetrachloride                                                                  | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 23:22 | 56-23-5   |      |
| Chlorobenzene                                                                         | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 23:22 | 108-90-7  |      |
| Chloroethane                                                                          | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 23:22 | 75-00-3   |      |
| Chloroform                                                                            | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 23:22 | 67-66-3   |      |
| Chloromethane                                                                         | 0.62U   | ug/L  | 1.0   | 0.62   | 1  |                | 08/26/10 23:22 | 74-87-3   |      |
| Dibromochloromethane                                                                  | 0.26U   | ug/L  | 0.50  | 0.26   | 1  |                | 08/26/10 23:22 | 124-48-1  |      |
| Dibromomethane                                                                        | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 23:22 | 74-95-3   |      |
| 1,2-Dichlorobenzene                                                                   | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 23:22 | 95-50-1   |      |
| 1,4-Dichlorobenzene                                                                   | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 23:22 | 106-46-7  |      |
| trans-1,4-Dichloro-2-butene                                                           | 5.0U    | ug/L  | 10.0  | 5.0    | 1  |                | 08/26/10 23:22 | 110-57-6  |      |
| 1,1-Dichloroethane                                                                    | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 23:22 | 75-34-3   |      |
| 1,2-Dichloroethane                                                                    | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/26/10 23:22 | 107-06-2  |      |

Date: 11/03/2010 12:29 PM

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## ANALYTICAL RESULTS

Project: Pasco County Resource Recovery  
Pace Project No.: 3516696

Sample: 4MW-21 Lab ID: 3516696005 Collected: 08/24/10 11:46 Received: 08/26/10 12:35 Matrix: Water

| Parameters                                  | Results | Units | PQL    | MDL  | DF | Prepared | Analyzed       | CAS No.    | Qual |
|---------------------------------------------|---------|-------|--------|------|----|----------|----------------|------------|------|
| <b>8260 MSV</b> Analytical Method: EPA 8260 |         |       |        |      |    |          |                |            |      |
| 1,1-Dichloroethene                          | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:22 | 75-35-4    |      |
| cis-1,2-Dichloroethene                      | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:22 | 156-59-2   |      |
| trans-1,2-Dichloroethene                    | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:22 | 156-60-5   |      |
| 1,2-Dichloropropane                         | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:22 | 78-87-5    |      |
| cis-1,3-Dichloropropene                     | 0.25U   | ug/L  | 0.50   | 0.25 | 1  |          | 08/26/10 23:22 | 10061-01-5 |      |
| trans-1,3-Dichloropropene                   | 0.25U   | ug/L  | 0.50   | 0.25 | 1  |          | 08/26/10 23:22 | 10061-02-6 |      |
| Ethylbenzene                                | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:22 | 100-41-4   |      |
| 2-Hexanone                                  | 5.0U    | ug/L  | 10.0   | 5.0  | 1  |          | 08/26/10 23:22 | 591-78-6   |      |
| Iodomethane                                 | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:22 | 74-88-4    |      |
| Methylene Chloride                          | 2.5U    | ug/L  | 5.0    | 2.5  | 1  |          | 08/26/10 23:22 | 75-09-2    |      |
| 4-Methyl-2-pentanone (MIBK)                 | 5.0U    | ug/L  | 10.0   | 5.0  | 1  |          | 08/26/10 23:22 | 108-10-1   |      |
| Styrene                                     | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:22 | 100-42-5   |      |
| 1,1,1,2-Tetrachloroethane                   | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:22 | 630-20-6   |      |
| 1,1,2,2-Tetrachloroethane                   | 0.18U   | ug/L  | 0.50   | 0.18 | 1  |          | 08/26/10 23:22 | 79-34-5    |      |
| Tetrachloroethene                           | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:22 | 127-18-4   |      |
| Toluene                                     | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:22 | 108-88-3   |      |
| 1,1,1-Trichloroethane                       | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:22 | 71-55-6    |      |
| 1,1,2-Trichloroethane                       | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:22 | 79-00-5    |      |
| Trichloroethene                             | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:22 | 79-01-6    |      |
| Trichlorofluoromethane                      | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:22 | 75-69-4    |      |
| 1,2,3-Trichloropropane                      | 0.36U   | ug/L  | 0.50   | 0.36 | 1  |          | 08/26/10 23:22 | 96-18-4    |      |
| Vinyl acetate                               | 1.0U    | ug/L  | 2.0    | 1.0  | 1  |          | 08/26/10 23:22 | 108-05-4   |      |
| Vinyl chloride                              | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:22 | 75-01-4    |      |
| Xylene (Total)                              | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/26/10 23:22 | 1330-20-7  |      |
| 4-Bromofluorobenzene (S)                    | 108 %   |       | 70-114 |      | 1  |          | 08/26/10 23:22 | 460-00-4   |      |
| Dibromofluoromethane (S)                    | 92 %    |       | 88-117 |      | 1  |          | 08/26/10 23:22 | 1868-53-7  |      |
| 1,2-Dichloroethane-d4 (S)                   | 97 %    |       | 86-125 |      | 1  |          | 08/26/10 23:22 | 17060-07-0 |      |
| Toluene-d8 (S)                              | 97 %    |       | 87-113 |      | 1  |          | 08/26/10 23:22 | 2037-26-5  |      |

## PART III ANALYTICAL RESULTS

Facility ID #: 45799Site: West Pasco Class III Sanitary LandfillTest Site ID #: 23066Sampling Date/Time: 08/23/2010 @ 13:30Well Name: 4MW-22Report Period: 2010 Quarter IIIClassification of Groundwater: FloridanWell Purged: YESGroundwater Elevation (NGVD): 26.22Well Type: DE

| Storet Code | Parameter Monitored    | Sampling Method              | Field Filtered (Y/N) | Analysis Method          | Analysis Date/Time | Analysis Results | Analysis Units | Detection Limits | Detection Units |
|-------------|------------------------|------------------------------|----------------------|--------------------------|--------------------|------------------|----------------|------------------|-----------------|
| 000620      | Nitrate                | Well Wizard Ded. Mon. System | No                   | SM 4500NO <sub>3</sub> F | 08/26/10<br>8:00   | 0.03             | mg/L           | 0.02             | mg/L            |
| 000929      | Sodium                 | "                            | No                   | EPA 200.7                | 08/27/10<br>10:00  | 6.27             | mg/L           | 0.01             | mg/L            |
| 082079      | Turbidity              | "                            | No                   | SM 2130B                 | 08/23/10<br>13:30  | 1.2              | NTU            | 0.01             | NTU             |
| 00940       | Chloride               | "                            | No                   | EPA 300.0                | 08/25/10<br>17:00  | 19.3             | mg/L           | 0.13             | mg/L            |
| 001045      | Iron                   | "                            | No                   | EPA 200.7                | 08/26/10<br>10:35  | 70.8             | ug/L           | 2                | ug/L            |
| 00400       | pH-Field               | "                            | No                   | SM 4500H+B               | 08/23/10<br>13:30  | 7.07             | std. units     | 0.01             | std. units      |
| 070300      | TDS                    | "                            | No                   | SM 2540C                 | 08/27/10<br>16:45  | 260              | mg/L           | 9.89             | mg/L            |
| 000344      | Dissolved Oxy. (Field) | "                            | No                   | SM 4500O <sub>2</sub> G  | 08/23/10<br>13:30  | 0.94             | mg/L           | 0.01             | mg/L            |
| 000095      | Specific Cond. (Field) | "                            | No                   | SM 2510B                 | 08/23/10<br>13:30  | 390              | umhos/cm       | 0.00             | umhos/cm        |
| 000010      | Temp. (Field)          | "                            | No                   | SM 2550B                 | 08/23/10<br>13:30  | 24.77            | deg. C         | 0.00             | deg. C          |
| 071900      | Mercury                | "                            | No                   | SM 3112B                 | 08/31/10<br>10:00  | <0.2             | ug/L           | 0.2              | ug/L            |
| 000610      | Ammonia                | "                            | No                   | SM 4500NH <sub>3</sub> H | 09/15/10<br>8:00   | 0.06             | mg/L           | 0.04             | mg/L            |
| 900216      | Color by Obs. (Field)  | "                            | No                   | SM 2120B                 | 08/23/10<br>16:45  | CLEAR            | Obs.           | ---              | Obs.            |
| 072020      | Water Level            | "                            | No                   | Field                    | 08/23/10<br>13:30  | 26.22            | Feet NGVD      | ---              | Feet NGVD       |

## ANALYTICAL RESULTS

Project: Pasco County Resource Recovery  
Pace Project No.: 3516696

Sample: 4MW-22 Lab ID: 3516696003 Collected: 08/23/10 13:30 Received: 08/24/10 11:50 Matrix: Water

| Parameters                                                                            | Results | Units | PQL   | MDL    | DF | Prepared       | Analyzed       | CAS No.   | Qual  |
|---------------------------------------------------------------------------------------|---------|-------|-------|--------|----|----------------|----------------|-----------|-------|
| <b>8011 GCS EDB and DBCP</b> Analytical Method: EPA 8011 Preparation Method: EPA 8011 |         |       |       |        |    |                |                |           |       |
| 1,2-Dibromo-3-chloropropane                                                           | 0.0051U | ug/L  | 0.021 | 0.0051 | 1  | 08/30/10 12:00 | 08/31/10 00:31 | 96-12-8   |       |
| 1,2-Dibromoethane (EDB)                                                               | 0.0064U | ug/L  | 0.010 | 0.0064 | 1  | 08/30/10 12:00 | 08/31/10 00:31 | 106-93-4  |       |
| <b>6010 MET ICP</b> Analytical Method: EPA 6010 Preparation Method: EPA 3010          |         |       |       |        |    |                |                |           |       |
| Arsenic                                                                               | 5.0U    | ug/L  | 10.0  | 5.0    | 1  | 08/26/10 11:05 | 09/01/10 03:10 | 7440-38-2 |       |
| Barium                                                                                | 14.0    | ug/L  | 10.0  | 5.0    | 1  | 08/26/10 11:05 | 09/01/10 03:10 | 7440-39-3 |       |
| Beryllium                                                                             | 0.50U   | ug/L  | 1.0   | 0.50   | 1  | 08/26/10 11:05 | 09/01/10 03:10 | 7440-41-7 |       |
| Cadmium                                                                               | 0.50U   | ug/L  | 1.0   | 0.50   | 1  | 08/26/10 11:05 | 09/01/10 03:10 | 7440-43-9 |       |
| Chromium                                                                              | 2.5U    | ug/L  | 5.0   | 2.5    | 1  | 08/26/10 11:05 | 09/01/10 03:10 | 7440-47-3 |       |
| Cobalt                                                                                | 5.0U    | ug/L  | 10.0  | 5.0    | 1  | 08/26/10 11:05 | 09/01/10 03:10 | 7440-48-4 |       |
| Copper                                                                                | 2.5U    | ug/L  | 5.0   | 2.5    | 1  | 08/26/10 11:05 | 09/01/10 03:10 | 7440-50-8 |       |
| Iron                                                                                  | 127     | ug/L  | 40.0  | 20.0   | 1  | 08/26/10 11:05 | 09/01/10 03:10 | 7439-89-6 |       |
| Lead                                                                                  | 5.0U    | ug/L  | 10.0  | 5.0    | 1  | 08/26/10 11:05 | 09/01/10 03:10 | 7439-92-1 |       |
| Nickel                                                                                | 2.5U    | ug/L  | 5.0   | 2.5    | 1  | 08/26/10 11:05 | 09/01/10 03:10 | 7440-02-0 |       |
| Selenium                                                                              | 7.5U    | ug/L  | 15.0  | 7.5    | 1  | 08/26/10 11:05 | 09/01/10 03:10 | 7782-49-2 |       |
| Silver                                                                                | 2.5U    | ug/L  | 5.0   | 2.5    | 1  | 08/26/10 11:05 | 09/01/10 03:10 | 7440-22-4 |       |
| Sodium                                                                                | 6.4     | mg/L  | 1.0   | 0.50   | 1  | 08/26/10 11:05 | 09/01/10 03:10 | 7440-23-5 |       |
| Vanadium                                                                              | 5.0U    | ug/L  | 10.0  | 5.0    | 1  | 08/26/10 11:05 | 09/01/10 03:10 | 7440-62-2 |       |
| Zinc                                                                                  | 10.0U   | ug/L  | 20.0  | 10.0   | 1  | 08/26/10 11:05 | 09/01/10 03:10 | 7440-66-6 |       |
| <b>6020 MET ICPMS</b> Analytical Method: EPA 6020 Preparation Method: EPA 3010        |         |       |       |        |    |                |                |           |       |
| Antimony                                                                              | 0.50U   | ug/L  | 1.0   | 0.50   | 1  | 08/26/10 11:05 | 08/31/10 21:12 | 7440-36-0 |       |
| Thallium                                                                              | 0.50U   | ug/L  | 1.0   | 0.50   | 1  | 08/26/10 11:05 | 08/31/10 21:12 | 7440-28-0 |       |
| <b>8260 MSV</b> Analytical Method: EPA 8260                                           |         |       |       |        |    |                |                |           |       |
| Acetone                                                                               | 5.0U    | ug/L  | 10.0  | 5.0    | 1  |                | 08/25/10 17:54 | 67-64-1   |       |
| Acrylonitrile                                                                         | 5.0U    | ug/L  | 10.0  | 5.0    | 1  |                | 08/25/10 17:54 | 107-13-1  |       |
| Benzene                                                                               | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 17:54 | 71-43-2   |       |
| Bromochloromethane                                                                    | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 17:54 | 74-97-5   |       |
| Bromodichloromethane                                                                  | 0.27U   | ug/L  | 0.60  | 0.27   | 1  |                | 08/25/10 17:54 | 75-27-4   |       |
| Bromoform                                                                             | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 17:54 | 75-25-2   |       |
| Bromomethane                                                                          | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 17:54 | 74-83-9   |       |
| 2-Butanone (MEK)                                                                      | 5.0U    | ug/L  | 10.0  | 5.0    | 1  |                | 08/25/10 17:54 | 78-93-3   |       |
| Carbon disulfide                                                                      | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 17:54 | 75-15-0   |       |
| Carbon tetrachloride                                                                  | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 17:54 | 56-23-5   | J(M1) |
| Chlorobenzene                                                                         | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 17:54 | 108-90-7  |       |
| Chloroethane                                                                          | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 17:54 | 75-00-3   |       |
| Chloroform                                                                            | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 17:54 | 67-66-3   |       |
| Chloromethane                                                                         | 0.62U   | ug/L  | 1.0   | 0.62   | 1  |                | 08/25/10 17:54 | 74-87-3   |       |
| Dibromochloromethane                                                                  | 0.26U   | ug/L  | 0.50  | 0.26   | 1  |                | 08/25/10 17:54 | 124-48-1  |       |
| Dibromomethane                                                                        | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 17:54 | 74-95-3   |       |
| 1,2-Dichlorobenzene                                                                   | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 17:54 | 95-50-1   |       |
| 1,4-Dichlorobenzene                                                                   | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 17:54 | 106-46-7  |       |
| trans-1,4-Dichloro-2-butene                                                           | 5.0U    | ug/L  | 10.0  | 5.0    | 1  |                | 08/25/10 17:54 | 110-57-6  |       |
| 1,1-Dichloroethane                                                                    | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 17:54 | 75-34-3   |       |
| 1,2-Dichloroethane                                                                    | 0.50U   | ug/L  | 1.0   | 0.50   | 1  |                | 08/25/10 17:54 | 107-06-2  |       |

Date: 11/03/2010 12:29 PM

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Pasco County Resource Recovery  
Pace Project No.: 3516696

Sample: 4MW-22 Lab ID: 3516696003 Collected: 08/23/10 13:30 Received: 08/24/10 11:50 Matrix: Water

| Parameters                                  | Results | Units | PQL    | MDL  | DF | Prepared | Analyzed       | CAS No.    | Qual  |
|---------------------------------------------|---------|-------|--------|------|----|----------|----------------|------------|-------|
| <b>8260 MSV</b> Analytical Method: EPA 8260 |         |       |        |      |    |          |                |            |       |
| 1,1-Dichloroethene                          | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/25/10 17:54 | 75-35-4    | J(M1) |
| cis-1,2-Dichloroethene                      | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/25/10 17:54 | 156-59-2   |       |
| trans-1,2-Dichloroethene                    | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/25/10 17:54 | 156-60-5   |       |
| 1,2-Dichloropropane                         | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/25/10 17:54 | 78-87-5    |       |
| cis-1,3-Dichloropropene                     | 0.25U   | ug/L  | 0.50   | 0.25 | 1  |          | 08/25/10 17:54 | 10061-01-5 |       |
| trans-1,3-Dichloropropene                   | 0.25U   | ug/L  | 0.50   | 0.25 | 1  |          | 08/25/10 17:54 | 10061-02-6 |       |
| Ethylbenzene                                | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/25/10 17:54 | 100-41-4   |       |
| 2-Hexanone                                  | 5.0U    | ug/L  | 10.0   | 5.0  | 1  |          | 08/25/10 17:54 | 591-78-6   |       |
| Iodomethane                                 | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/25/10 17:54 | 74-88-4    |       |
| Methylene Chloride                          | 2.5U    | ug/L  | 5.0    | 2.5  | 1  |          | 08/25/10 17:54 | 75-09-2    |       |
| 4-Methyl-2-pentanone (MIBK)                 | 5.0U    | ug/L  | 10.0   | 5.0  | 1  |          | 08/25/10 17:54 | 108-10-1   |       |
| Styrene                                     | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/25/10 17:54 | 100-42-5   |       |
| 1,1,1,2-Tetrachloroethane                   | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/25/10 17:54 | 630-20-6   |       |
| 1,1,2,2-Tetrachloroethane                   | 0.18U   | ug/L  | 0.50   | 0.18 | 1  |          | 08/25/10 17:54 | 79-34-5    |       |
| Tetrachloroethene                           | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/25/10 17:54 | 127-18-4   |       |
| Toluene                                     | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/25/10 17:54 | 108-88-3   |       |
| 1,1,1-Trichloroethane                       | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/25/10 17:54 | 71-55-6    |       |
| 1,1,2-Trichloroethane                       | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/25/10 17:54 | 79-00-5    |       |
| Trichloroethene                             | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/25/10 17:54 | 79-01-6    |       |
| Trichlorofluoromethane                      | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/25/10 17:54 | 75-69-4    | J(M1) |
| 1,2,3-Trichloropropane                      | 0.36U   | ug/L  | 0.50   | 0.36 | 1  |          | 08/25/10 17:54 | 96-18-4    |       |
| Vinyl acetate                               | 1.0U    | ug/L  | 2.0    | 1.0  | 1  |          | 08/25/10 17:54 | 108-05-4   |       |
| Vinyl chloride                              | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/25/10 17:54 | 75-01-4    |       |
| Xylene (Total)                              | 0.50U   | ug/L  | 1.0    | 0.50 | 1  |          | 08/25/10 17:54 | 1330-20-7  |       |
| 4-Bromofluorobenzene (S)                    | 112 %   |       | 70-114 |      | 1  |          | 08/25/10 17:54 | 460-00-4   |       |
| Dibromofluoromethane (S)                    | 105 %   |       | 88-117 |      | 1  |          | 08/25/10 17:54 | 1868-53-7  |       |
| 1,2-Dichloroethane-d4 (S)                   | 108 %   |       | 86-125 |      | 1  |          | 08/25/10 17:54 | 17060-07-0 |       |
| Toluene-d8 (S)                              | 108 %   |       | 87-113 |      | 1  |          | 08/25/10 17:54 | 2037-26-5  |       |



# PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY  
8864 GOVERNMENT DRIVE  
NEW PORT RICHEY, FL 34654  
PHONE 727-847-8902

NELAC E44123  
CONTACTS:  
GLORIA KRUEGER  
CHRIS CHILDRESS

## REPORT OF ANALYSES

West Pasco Class III Landfill  
Hays Road  
Shady Hills, Fl  
John Power

Date: 3/11/2011

SAMPLE NUMBER AB51970 SAMPLE ID 4MW3A @ CLASS III  
DATE SAMPLED 8/23/2010  
DATE RECEIVED 8/23/2010 SAMPLER WMM  
TIME RECEIVED 14:30 DELIVERED BY WMM

SAMPLE MATRIX AQU  
TIME SAMPLED 9:20  
RECEIVED BY KS  
SAMPLE TYPE  
SP

### ANALYSIS

Conductivity Field  
Dissolved Oxygen Field  
pH Field  
Temperature Field  
Turbidity Field  
Water Level (NGVD)  
Iron (Fe)  
Mercury  
Sodium  
Ammonia (N)  
Nitrate (N)  
Color by Observation  
Total Dissolved Solids

### ANALYSIS

| METHOD      | DATE      | TIME  | BY  | RESULT | QUAL. | UNIT      | DET. LIMIT |
|-------------|-----------|-------|-----|--------|-------|-----------|------------|
| FDEP FT 12  | 8/23/2010 | 9:20  | WM  | 348    | D     | umhos/cm  | 1          |
| FDEP FT 15  | 8/23/2010 | 9:20  | WM  | 0.87   | D     | mg/L      | 0.1        |
| FDEP FT 11  | 8/23/2010 | 9:20  | WM  | 7.20   | D     | Std Units | 0.10       |
| FDEP FT 14  | 8/23/2010 | 9:20  | WM  | 23.91  | D     | Deg C     | 0.00       |
| FDEP FT 16  | 8/23/2010 | 9:20  | WM  | 0.0    | D     | NTU       | 0.00       |
| DEP-SOP     | 8/23/2010 | 9:20  | WM  | 25.54  | D     | Ft.       | 0          |
| EPA 200.7   | 8/26/2010 | 10:35 | TER | 162    |       | ug/L      | 2          |
| SM 3112 B   | 8/31/2010 | 10:00 | TER | 0.2    | U     | ug/L      | 0.2        |
| EPA 200.7   | 8/27/2010 | 10:00 | TER | 7.19   |       | mg/L      | 0.007      |
| SM 4500-NH  | 9/15/2010 | 8:00  | IF  | 0.16   | I     | mg/L      | 0.04       |
| SM 4500-NO  | 8/26/2010 | 8:00  | IF  | 0.07   | I     | mg/L      | 0.02       |
| Observation | 8/23/2010 | 9:20  | WM  | CLEAR  | D     | ObsColor  | 0          |
| SM 2540 C   | 8/27/2010 | 16:45 | SER | 200    |       | mg/L      | 9.89       |

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



# PASCO COUNTY, FLORIDA

**ENVIRONMENTAL LABORATORY**  
**8864 GOVERNMENT DRIVE**  
**NEW PORT RICHEY, FL 34654**  
**PHONE 727-847-8902**

**NELAC E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**CHRIS CHILDRESS**

## **REPORT OF ANALYSES**

West Pasco Class III Landfill  
Hays Road  
Shady Hills, Fl  
John Power

Date: 3/11/2011

SAMPLE NUMBER AB51970    SAMPLE ID 4MW3A @ CLASS III  
DATE SAMPLED 8/23/2010  
DATE RECEIVED 8/23/2010    SAMPLER WMM  
TIME RECEIVED 14:30    DELIVERED BY WMM

SAMPLE MATRIX AQU  
TIME SAMPLED 9:20  
RECEIVED BY KS  
SAMPLE TYPE  
SP

### **ANALYSIS**

|          | <b>METHOD</b> | <b>DATE</b> | <b>TIME</b> | <b>BY</b> | <b>RESULT</b> | <b>QUAL.</b> | <b>UNIT</b> | <b>DET. LIMIT</b> |
|----------|---------------|-------------|-------------|-----------|---------------|--------------|-------------|-------------------|
| Chloride | EPA 300.0     | 8/25/2010   | 17:00       | AS        | 22.8          |              | mg/L        | 0.13              |

### **ANALYSIS**

**ANALYSIS COMMENTS:**

**LABORATORY DIRECTOR**

**THIS DOCUMENT MEETS NELAC STANDARDS**

**NELAC Certification # E44123**



# PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY  
8864 GOVERNMENT DRIVE  
NEW PORT RICHEY, FL 34654  
PHONE 727-847-8902

NELAC E44123  
CONTACTS:  
GLORIA KRUEGER  
CHRIS CHILDRESS

## REPORT OF ANALYSES

West Pasco Class III Landfill  
Hays Road  
Shady Hills, Fl  
John Power

Date: 3/11/2011

SAMPLE NUMBER AB52011 SAMPLE ID 4MW7 @ CLASS III  
DATE SAMPLED 8/24/2010  
DATE RECEIVED 8/24/2010 SAMPLER WMM  
TIME RECEIVED 15:00 DELIVERED BY WMM

SAMPLE MATRIX AQU  
TIME SAMPLED 13:10  
RECEIVED BY CF  
SAMPLE TYPE  
SP

### ANALYSIS

Conductivity Field  
Dissolved Oxygen Field  
pH Field  
Temperature Field  
Turbidity Field  
Water Level (NGVD)  
Iron (Fe)  
Mercury  
Sodium  
Ammonia (N)  
Nitrate (N)  
Color by Observation  
Total Dissolved Solids

### ANALYSIS

| METHOD      | DATE      | TIME  | BY  | RESULT | QUAL. | UNIT      | DET. LIMIT |
|-------------|-----------|-------|-----|--------|-------|-----------|------------|
| FDEP FT 12  | 8/24/2010 | 13:10 | WM  | 285    | D     | umhos/cm  | 1          |
| FDEP FT 15  | 8/24/2010 | 13:10 | WM  | 1.55   | D     | mg/L      | 0.1        |
| FDEP FT 11  | 8/24/2010 | 13:10 | WM  | 7.29   | D     | Std Units | 0.10       |
| FDEP FT 14  | 8/24/2010 | 13:10 | WM  | 23.44  | D     | Deg C     | 0.00       |
| FDEP FT 16  | 8/24/2010 | 13:10 | WM  | 1.3    | D     | NTU       | 0.00       |
| DEP-SOP     | 8/24/2010 | 13:10 | WM  | 28.54  | D     | Ft.       | 0          |
| EPA 200.7   | 8/26/2010 | 10:35 | TER | 3.6    | I     | ug/L      | 2          |
| SM 3112 B   | 8/31/2010 | 10:00 | TER | 0.2    | U     | ug/L      | 0.2        |
| EPA 200.7   | 8/27/2010 | 10:00 | TER | 4.44   |       | mg/L      | 0.007      |
| SM 4500-NH  | 9/15/2010 | 8:00  | IF  | 0.04   | U     | mg/L      | 0.04       |
| SM 4500-NO  | 8/26/2010 | 8:00  | IF  | 1.30   |       | mg/L      | 0.02       |
| Observation | 8/24/2010 | 13:10 | WM  | CLEAR  | D     | ObsColor  | 0          |
| SM 2540 C   | 8/27/2010 | 16:45 | SER | 170    |       | mg/L      | 9.89       |

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



# PASCO COUNTY, FLORIDA

**ENVIRONMENTAL LABORATORY**  
**8864 GOVERNMENT DRIVE**  
**NEW PORT RICHEY, FL 34654**  
**PHONE 727-847-8902**

**NELAC E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**CHRIS CHILDRESS**

## **REPORT OF ANALYSES**

West Pasco Class III Landfill  
Hays Road  
Shady Hills, Fl  
John Power

Date: 3/11/2011

SAMPLE NUMBER AB52011      SAMPLE ID 4MW7 @ CLASS III  
DATE SAMPLED 8/24/2010  
DATE RECEIVED 8/24/2010      SAMPLER WMM  
TIME RECEIVED 15:00      DELIVERED BY WMM

SAMPLE MATRIX AQU  
TIME SAMPLED 13:10  
RECEIVED BY CF  
SAMPLE TYPE  
SP

### **ANALYSIS**

|          | <b>METHOD</b> | <b>DATE</b> | <b>TIME</b> | <b>BY</b> | <b>RESULT</b> | <b>QUAL.</b> | <b>UNIT</b> | <b>DET. LIMIT</b> |
|----------|---------------|-------------|-------------|-----------|---------------|--------------|-------------|-------------------|
| Chloride | EPA 300.0     | 8/25/2010   | 17:00       | AS        | 10.1          |              | mg/L        | 0.13              |

### **ANALYSIS**

**ANALYSIS COMMENTS:**

**LABORATORY DIRECTOR**

**THIS DOCUMENT MEETS NELAC STANDARDS**

**NELAC Certification # E44123**



# PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY  
8864 GOVERNMENT DRIVE  
NEW PORT RICHEY, FL 34654  
PHONE 727-847-8902

NELAC E44123  
CONTACTS:  
GLORIA KRUEGER  
CHRIS CHILDRESS

## REPORT OF ANALYSES

West Pasco Class III Landfill  
Hays Road  
Shady Hills, Fl  
John Power

Date: 3/11/2011

SAMPLE NUMBER AB52012 SAMPLE ID 4MW8 @ CLASS III  
DATE SAMPLED 8/24/2010  
DATE RECEIVED 8/24/2010 SAMPLER WMM  
TIME RECEIVED 15:00 DELIVERED BY WMM

SAMPLE MATRIX AQU  
TIME SAMPLED 10:40  
RECEIVED BY CF  
SAMPLE TYPE  
SP

### ANALYSIS

Conductivity Field  
Dissolved Oxygen Field  
pH Field  
Temperature Field  
Turbidity Field  
Water Level (NGVD)  
Iron (Fe)  
Mercury  
Sodium  
Ammonia (N)  
Nitrate (N)  
Color by Observation  
Total Dissolved Solids

### ANALYSIS

| METHOD      | DATE      | TIME  | BY  | RESULT | QUAL. | UNIT      | DET. LIMIT |
|-------------|-----------|-------|-----|--------|-------|-----------|------------|
| FDEP FT 12  | 8/24/2010 | 10:40 | WM  | 332    | D     | umhos/cm  | 1          |
| FDEP FT 15  | 8/24/2010 | 10:40 | WM  | 1.51   | D     | mg/L      | 0.1        |
| FDEP FT 11  | 8/24/2010 | 10:40 | WM  | 6.96   | D     | Std Units | 0.10       |
| FDEP FT 14  | 8/24/2010 | 10:40 | WM  | 23.73  | D     | Deg C     | 0.00       |
| FDEP FT 16  | 8/24/2010 | 10:40 | WM  | 0.0    | D     | NTU       | 0.00       |
| DEP-SOP     | 8/24/2010 | 10:40 | WM  | 27.87  | D     | Ft.       | 0          |
| EPA 200.7   | 8/26/2010 | 10:35 | TER | 2.7    | I     | ug/L      | 2          |
| SM 3112 B   | 8/31/2010 | 10:00 | TER | 0.2    | U     | ug/L      | 0.2        |
| EPA 200.7   | 8/27/2010 | 10:00 | TER | 4.24   |       | mg/L      | 0.007      |
| SM 4500-NH  | 9/15/2010 | 8:00  | IF  | 0.04   | U     | mg/L      | 0.04       |
| SM 4500-NO  | 8/26/2010 | 8:00  | IF  | 0.02   | U     | mg/L      | 0.02       |
| Observation | 8/24/2010 | 10:40 | WM  | CLEAR  | D     | ObsColor  | 0          |
| SM 2540 C   | 8/27/2010 | 16:45 | SER | 180    |       | mg/L      | 9.89       |

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



# PASCO COUNTY, FLORIDA

**ENVIRONMENTAL LABORATORY**  
**8864 GOVERNMENT DRIVE**  
**NEW PORT RICHEY, FL 34654**  
**PHONE 727-847-8902**

**NELAC E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**CHRIS CHILDRESS**

## **REPORT OF ANALYSES**

West Pasco Class III Landfill  
Hays Road  
Shady Hills, Fl  
John Power

Date: 3/11/2011

SAMPLE NUMBER AB52012      SAMPLE ID 4MW8 @ CLASS III  
DATE SAMPLED 8/24/2010  
DATE RECEIVED 8/24/2010      SAMPLER WMM  
TIME RECEIVED 15:00      DELIVERED BY WMM

SAMPLE MATRIX AQU  
TIME SAMPLED 10:40  
RECEIVED BY CF  
SAMPLE TYPE  
SP

|          |  | ANALYSIS  |           |       |    |        |       |      | DET.  |
|----------|--|-----------|-----------|-------|----|--------|-------|------|-------|
| ANALYSIS |  | METHOD    | DATE      | TIME  | BY | RESULT | QUAL. | UNIT | LIMIT |
| Chloride |  | EPA 300.0 | 8/25/2010 | 17:00 | AS | 10.7   |       | mg/L | 0.13  |

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY  
8864 GOVERNMENT DRIVE  
NEW PORT RICHEY, FL 34654  
PHONE 727-847-8902

NELAC E44123  
CONTACTS:  
GLORIA KRUEGER  
CHRIS CHILDRESS

## REPORT OF ANALYSES

West Pasco Class III Landfill  
Hays Road  
Shady Hills, Fl  
John Power

Date: 3/11/2011

SAMPLE NUMBER AB51971 SAMPLE ID 4MW9 @ CLASS III  
DATE SAMPLED 8/23/2010  
DATE RECEIVED 8/23/2010 SAMPLER WMM  
TIME RECEIVED 14:30 DELIVERED BY WMM

SAMPLE MATRIX AQU  
TIME SAMPLED 10:46  
RECEIVED BY KS  
SAMPLE TYPE  
SP

### ANALYSIS

Conductivity Field  
Dissolved Oxygen Field  
pH Field  
Temperature Field  
Turbidity Field  
Water Level (NGVD)  
Iron (Fe)  
Mercury  
Sodium  
Ammonia (N)  
Nitrate (N)  
Color by Observation  
Total Dissolved Solids

### ANALYSIS

| METHOD      | DATE      | TIME  | BY  | RESULT | QUAL. | UNIT      | DET. LIMIT |
|-------------|-----------|-------|-----|--------|-------|-----------|------------|
| FDEP FT 12  | 8/23/2010 | 10:46 | WM  | 369    | D     | umhos/cm  | 1          |
| FDEP FT 15  | 8/23/2010 | 10:46 | WM  | 0.75   | D     | mg/L      | 0.1        |
| FDEP FT 11  | 8/23/2010 | 10:46 | WM  | 7.14   | D     | Std Units | 0.10       |
| FDEP FT 14  | 8/23/2010 | 10:46 | WM  | 24.11  | D     | Deg C     | 0.00       |
| FDEP FT 16  | 8/23/2010 | 10:46 | WM  | 0.7    | D     | NTU       | 0.00       |
| DEP-SOP     | 8/23/2010 | 10:46 | WM  | 26.18  | D     | Ft.       | 0          |
| EPA 200.7   | 8/26/2010 | 10:35 | TER | 2.0    | U     | ug/L      | 2          |
| SM 3112 B   | 8/31/2010 | 10:00 | TER | 0.2    | U     | ug/L      | 0.2        |
| EPA 200.7   | 8/27/2010 | 10:00 | TER | 7.74   |       | mg/L      | 0.007      |
| SM 4500-NH  | 9/15/2010 | 8:00  | IF  | 0.04   | U     | mg/L      | 0.04       |
| SM 4500-NO  | 8/26/2010 | 8:00  | IF  | 0.32   |       | mg/L      | 0.02       |
| Observation | 8/23/2010 | 10:46 | WM  | CLEAR  | D     | ObsColor  | 0          |
| SM 2540 C   | 8/27/2010 | 16:45 | SER | 230    |       | mg/L      | 9.89       |

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



# PASCO COUNTY, FLORIDA

**ENVIRONMENTAL LABORATORY**  
**8864 GOVERNMENT DRIVE**  
**NEW PORT RICHEY, FL 34654**  
**PHONE 727-847-8902**

**NELAC E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**CHRIS CHILDRESS**

## **REPORT OF ANALYSES**

West Pasco Class III Landfill  
Hays Road  
Shady Hills, Fl  
John Power

Date: 3/11/2011

SAMPLE NUMBER AB51971      SAMPLE ID 4MW9 @ CLASS III  
DATE SAMPLED 8/23/2010  
DATE RECEIVED 8/23/2010      SAMPLER WMM  
TIME RECEIVED 14:30      DELIVERED BY WMM

SAMPLE MATRIX AQU  
TIME SAMPLED 10:46  
RECEIVED BY KS  
SAMPLE TYPE  
SP

| ANALYSIS | ANALYSIS  |           |       |    |      | RESULT | QUAL. | UNIT | DET.<br>LIMIT |
|----------|-----------|-----------|-------|----|------|--------|-------|------|---------------|
|          | METHOD    | DATE      | TIME  | BY |      |        |       |      |               |
| Chloride | EPA 300.0 | 8/25/2010 | 17:00 | AS | 24.2 |        | mg/L  | 0.13 |               |

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

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NELAC Certification # E44123



# PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY  
8864 GOVERNMENT DRIVE  
NEW PORT RICHEY, FL 34654  
PHONE 727-847-8902

NELAC E44123  
CONTACTS:  
GLORIA KRUEGER  
CHRIS CHILDRESS

## REPORT OF ANALYSES

West Pasco Class III Landfill  
Hays Road  
Shady Hills, Fl  
John Power

Date: 3/11/2011

SAMPLE NUMBER AB52013 SAMPLE ID 4MW21 @ CLASS III  
DATE SAMPLED 8/24/2010  
DATE RECEIVED 8/24/2010 SAMPLER WMM  
TIME RECEIVED 15:00 DELIVERED BY WMM

SAMPLE MATRIX AQU  
TIME SAMPLED 11:46  
RECEIVED BY CF  
SAMPLE TYPE  
SP

### ANALYSIS

Conductivity Field  
Dissolved Oxygen Field  
pH Field  
Temperature Field  
Turbidity Field  
Water Level (NGVD)  
Iron (Fe)  
Mercury  
Sodium  
Ammonia (N)  
Nitrate (N)  
Color by Observation  
Total Dissolved Solids

### ANALYSIS

| METHOD      | DATE      | TIME  | BY  | RESULT | QUAL. | UNIT      | DET. LIMIT |
|-------------|-----------|-------|-----|--------|-------|-----------|------------|
| FDEP FT 12  | 8/24/2010 | 11:46 | WM  | 148    | D     | umhos/cm  | 1          |
| FDEP FT 15  | 8/24/2010 | 11:46 | WM  | 3.60   | D     | mg/L      | 0.1        |
| FDEP FT 11  | 8/24/2010 | 11:46 | WM  | 5.27   | D     | Std Units | 0.10       |
| FDEP FT 14  | 8/24/2010 | 11:46 | WM  | 24.43  | D     | Deg C     | 0.00       |
| FDEP FT 16  | 8/24/2010 | 11:46 | WM  | 1.4    | D     | NTU       | 0.00       |
| DEP-SOP     | 8/24/2010 | 11:46 | WM  | 27.74  | D     | Ft.       | 0          |
| EPA 200.7   | 8/26/2010 | 10:35 | TER | 73.0   |       | ug/L      | 2          |
| SM 3112 B   | 8/31/2010 | 10:00 | TER | 0.2    | U     | ug/L      | 0.2        |
| EPA 200.7   | 8/27/2010 | 10:00 | TER | 4.86   |       | mg/L      | 0.007      |
| SM 4500-NH  | 9/15/2010 | 8:00  | IF  | 0.17   | I     | mg/L      | 0.04       |
| SM 4500-NO  | 8/26/2010 | 8:00  | IF  | 8.38   |       | mg/L      | 0.02       |
| Observation | 8/24/2010 | 11:46 | WM  | CLEAR  | D     | ObsColor  | 0          |
| SM 2540 C   | 8/27/2010 | 16:45 | SER | 160    |       | mg/L      | 9.89       |

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



# PASCO COUNTY, FLORIDA

**ENVIRONMENTAL LABORATORY**  
**8864 GOVERNMENT DRIVE**  
**NEW PORT RICHEY, FL 34654**  
**PHONE 727-847-8902**

**NELAC E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**CHRIS CHILDRESS**

## **REPORT OF ANALYSES**

West Pasco Class III Landfill  
Hays Road  
Shady Hills, Fl  
John Power

Date: 3/11/2011

SAMPLE NUMBER AB52013      SAMPLE ID 4MW21 @ CLASS III  
DATE SAMPLED 8/24/2010  
DATE RECEIVED 8/24/2010      SAMPLER WMM  
TIME RECEIVED 15:00      DELIVERED BY WMM

SAMPLE MATRIX AQU  
TIME SAMPLED 11:46  
RECEIVED BY CF  
SAMPLE TYPE  
SP

|          |           | ANALYSIS  |       |    |        |       |      | DET.  |
|----------|-----------|-----------|-------|----|--------|-------|------|-------|
| ANALYSIS | METHOD    | DATE      | TIME  | BY | RESULT | QUAL. | UNIT | LIMIT |
| Chloride | EPA 300.0 | 8/25/2010 | 17:00 | AS | 20.4   |       | mg/L | 0.13  |

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

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NELAC Certification # E44123



# PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY  
8864 GOVERNMENT DRIVE  
NEW PORT RICHEY, FL 34654  
PHONE 727-847-8902

NELAC E44123  
CONTACTS:  
GLORIA KRUEGER  
CHRIS CHILDRESS

## REPORT OF ANALYSES

West Pasco Class III Landfill  
Hays Road  
Shady Hills, FL  
John Power

Date: 3/11/2011

SAMPLE NUMBER AB51972 SAMPLE ID 4MW22 @ CLASS III  
DATE SAMPLED 8/23/2010  
DATE RECEIVED 8/23/2010 SAMPLER WMM  
TIME RECEIVED 14:30 DELIVERED BY WMM

SAMPLE MATRIX AQU  
TIME SAMPLED 13:30  
RECEIVED BY KS  
SAMPLE TYPE  
SP

### ANALYSIS

Conductivity Field  
Dissolved Oxygen Field  
pH Field  
Temperature Field  
Turbidity Field  
Water Level (NGVD)  
Iron (Fe)  
Mercury  
Sodium  
Ammonia (N)  
Nitrate (N)  
Color by Observation  
Total Dissolved Solids

### ANALYSIS

| METHOD      | DATE      | TIME  | BY  | RESULT | QUAL. | UNIT      | DET. LIMIT |
|-------------|-----------|-------|-----|--------|-------|-----------|------------|
| FDEP FT 12  | 8/23/2010 | 13:30 | WM  | 390    | D     | umhos/cm  | 1          |
| FDEP FT 15  | 8/23/2010 | 13:30 | WM  | 0.94   | D     | mg/L      | 0.1        |
| FDEP FT 11  | 8/23/2010 | 13:30 | WM  | 7.07   | D     | Std Units | 0.10       |
| FDEP FT 14  | 8/23/2010 | 13:30 | WM  | 24.77  | D     | Deg C     | 0.00       |
| FDEP FT 16  | 8/23/2010 | 13:30 | WM  | 1.2    | D     | NTU       | 0.00       |
| DEP-SOP     | 8/23/2010 | 13:30 | WM  | 26.22  | D     | Ft.       | 0          |
| EPA 200.7   | 8/26/2010 | 10:35 | TER | 70.8   |       | ug/L      | 2          |
| SM 3112 B   | 8/31/2010 | 10:00 | TER | 0.2    | U     | ug/L      | 0.2        |
| EPA 200.7   | 8/27/2010 | 10:00 | TER | 6.27   |       | mg/L      | 0.007      |
| SM 4500-NH  | 9/15/2010 | 8:00  | IF  | 0.06   | I     | mg/L      | 0.04       |
| SM 4500-NO  | 8/26/2010 | 8:00  | IF  | 0.03   | I     | mg/L      | 0.02       |
| Observation | 8/23/2010 | 13:30 | WM  | CLEAR  | D     | ObsColor  | 0          |
| SM 2540 C   | 8/27/2010 | 16:45 | SER | 260    |       | mg/L      | 9.89       |

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



# PASCO COUNTY, FLORIDA

**ENVIRONMENTAL LABORATORY**  
**8864 GOVERNMENT DRIVE**  
**NEW PORT RICHEY, FL 34654**  
**PHONE 727-847-8902**

**NELAC E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**CHRIS CHILDRESS**

## **REPORT OF ANALYSES**

West Pasco Class III Landfill  
Hays Road  
Shady Hills, Fl  
John Power

Date: 3/11/2011

SAMPLE NUMBER AB51972      SAMPLE ID 4MW22 @ CLASS III  
DATE SAMPLED 8/23/2010  
DATE RECEIVED 8/23/2010      SAMPLER WMM  
TIME RECEIVED 14:30      DELIVERED BY WMM

SAMPLE MATRIX AQU  
TIME SAMPLED 13:30  
RECEIVED BY KS  
SAMPLE TYPE  
SP

### **ANALYSIS**

Chloride

### **ANALYSIS**

| <b>METHOD</b> | <b>DATE</b> | <b>TIME</b> | <b>BY</b> | <b>RESULT</b> | <b>QUAL.</b> | <b>UNIT</b> | <b>DET. LIMIT</b> |
|---------------|-------------|-------------|-----------|---------------|--------------|-------------|-------------------|
| EPA 300.0     | 8/25/2010   | 17:00       | AS        | 19.3          |              | mg/L        | 0.13              |

**ANALYSIS COMMENTS:**

**LABORATORY DIRECTOR**

**THIS DOCUMENT MEETS NELAC STANDARDS**

**NELAC Certification # E44123**



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

November 03, 2010

Ms. Candia E. Mulhern  
Pasco County Environmental Laboratory  
8864 Government Drive  
New Port Richey, FL 34654

RE: Project: Pasco County Resource Recovery  
Pace Project No.: 3516696

Dear Ms. Mulhern:

Enclosed are the analytical results for sample(s) received by the laboratory between August 24, 2010 and October 04, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

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

Sincerely,

Sakina Mckenzie

sakina.mckenzie@pacelabs.com  
Project Manager

Enclosures

## REPORT OF LABORATORY ANALYSIS

Page 1 of 164

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## CERTIFICATIONS

Project: Pasco County Resource Recovery  
Pace Project No.: 3516696

### 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  
Kansas Certification #: E-10383  
Kentucky Certification #: 90050  
Louisiana Certification #: LA090012  
Louisiana Environmental Certificate #: 05007  
Maine Certification #: FL1264  
Massachusetts Certification #: M-FL1264

Michigan Certification #: 9911  
Mississippi Certification: FL NELAC Reciprocity  
Montana Certification #: Cert 0074  
Nevada Certification: FL NELAC Reciprocity  
New Hampshire Certification #: 2958  
New Jersey Certification #: FL765  
New York Certification #: 11608  
North Carolina Environmental Certificate #: 667  
North Carolina Certification #: 12710  
Pennsylvania Certification #: 68-547  
Puerto Rico Certification #: FL01264  
Tennessee Certification #: TN02974  
Texas Certification: FL NELAC Reciprocity  
Virginia Certification #: 00432  
Wyoming Certification: FL NELAC Reciprocity

## REPORT OF LABORATORY ANALYSIS

Page 2 of 164

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## SAMPLE SUMMARY

Project: Pasco County Resource Recovery  
Pace Project No.: 3516696

| Lab ID     | Sample ID               | Matrix | Date Collected | Date Received  |
|------------|-------------------------|--------|----------------|----------------|
| 3516696001 | 4 MW-3A <i>CTH</i>      | Water  | 08/23/10 09:20 | 08/24/10 11:50 |
| 3516696002 | 4 MW-9 <i>CTH</i>       | Water  | 08/23/10 10:46 | 08/24/10 11:50 |
| 3516696003 | 4MW-22 <i>CTH</i>       | Water  | 08/23/10 13:30 | 08/24/10 11:50 |
| 3516696004 | 4 MW-8 <i>CTH</i>       | Water  | 08/24/10 10:40 | 08/26/10 12:35 |
| 3516696005 | 4MW-21 <i>CTH</i>       | Water  | 08/24/10 11:46 | 08/26/10 12:35 |
| 3516696006 | 4 MW-7 <i>CTH</i>       | Water  | 08/24/10 13:10 | 08/26/10 12:35 |
| 3516696007 | 2MW-24D <i>CI</i>       | Water  | 09/09/10 10:17 | 09/13/10 07:10 |
| 3516696008 | 2MW-24S <i>CI</i>       | Water  | 09/09/10 11:41 | 09/13/10 07:10 |
| 3516696009 | 2MW-25D <i>CI</i>       | Water  | 09/09/10 13:21 | 09/13/10 07:10 |
| 3516696010 | 2MW-26D <i>CI</i>       | Water  | 09/09/10 14:28 | 09/13/10 07:10 |
| 3516696011 | Trip Blank (9/9/10)     | Water  | 09/09/10 08:00 | 09/13/10 07:10 |
| 3516696012 | 4MW4 WELL <i>CI</i>     | Water  | 09/28/10 09:45 | 10/01/10 07:00 |
| 3516696013 | WELL 2MW-19D <i>CI</i>  | Water  | 09/28/10 10:39 | 10/01/10 07:00 |
| 3516696014 | 2MW-18D <i>CI</i>       | Water  | 09/28/10 11:07 | 10/01/10 07:00 |
| 3516696015 | 2MW-17S <i>CI</i>       | Water  | 09/28/10 12:38 | 10/01/10 07:00 |
| 3516696016 | 4MW1 WELL <i>CI</i>     | Water  | 09/27/10 09:25 | 10/01/10 07:00 |
| 3516696017 | 4MW2 WELL <i>CI</i>     | Water  | 09/27/10 10:49 | 10/01/10 07:00 |
| 3516696018 | 2MW2 WELL <i>CI</i>     | Water  | 09/27/10 11:44 | 10/01/10 07:00 |
| 3516696019 | 4MW6 WELL <i>CI</i>     | Water  | 09/27/10 13:54 | 10/01/10 07:00 |
| 3516696020 | 4MW5 WELL <i>CI</i>     | Water  | 09/29/10 10:01 | 10/04/10 07:00 |
| 3516696021 | 4MW27D <i>CI</i>        | Water  | 09/29/10 12:28 | 10/04/10 07:00 |
| 3516696022 | 4MW27 <i>CI</i>         | Water  | 09/29/10 12:14 | 10/04/10 07:00 |
| 3516696023 | 2MW27D <i>CI</i>        | Water  | 09/29/10 12:46 | 10/04/10 07:00 |
| 3516696024 | WELL 2MW-15DA <i>CI</i> | Water  | 09/29/10 13:17 | 10/04/10 07:00 |
| 3516696025 | 4MW-11D <i>CI</i>       | Water  | 09/29/10 13:55 | 10/04/10 07:00 |
| 3516696026 | 4MW-12D <i>CI</i>       | Water  | 09/29/10 14:37 | 10/04/10 07:00 |
| 3516696027 | 4MW-13D WELL <i>CI</i>  | Water  | 09/29/10 15:00 | 10/04/10 07:00 |
| 3516696028 | 4MW-14D WELL <i>CI</i>  | Water  | 09/29/10 15:46 | 10/04/10 07:00 |
| 3516696029 | 2MW-24S RE <i>CI</i>    | Water  | 09/29/10 10:15 | 10/04/10 07:00 |
| 3516696030 | 2MW-24D RE <i>CI</i>    | Water  | 09/29/10 10:50 | 10/04/10 07:00 |
| 3516696031 | 2MW-25D RE <i>CI</i>    | Water  | 09/29/10 12:15 | 10/04/10 07:00 |
| 3516696032 | 2MW-26D RE <i>CI</i>    | Water  | 09/29/10 13:00 | 10/04/10 07:00 |

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: Pasco County Resource Recovery  
Pace Project No.: 3516696

| Lab ID     | Sample ID | Method   | Analysts | Analytes Reported | Laboratory |
|------------|-----------|----------|----------|-------------------|------------|
| 3516696001 | 4 MW-3A   | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |           | EPA 6010 | TAP      | 15                | PASI-O     |
|            |           | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |           | EPA 8260 | JBH      | 49                | PASI-O     |
| 3516696002 | 4 MW-9    | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |           | EPA 6010 | TAP      | 15                | PASI-O     |
|            |           | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |           | EPA 8260 | JBH      | 49                | PASI-O     |
| 3516696003 | 4MW-22    | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |           | EPA 6010 | TAP      | 15                | PASI-O     |
|            |           | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |           | EPA 8260 | JBH      | 49                | PASI-O     |
| 3516696004 | 4 MW-8    | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |           | EPA 6010 | TAP      | 15                | PASI-O     |
|            |           | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |           | EPA 8260 | JBH      | 49                | PASI-O     |
| 3516696005 | 4MW-21    | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |           | EPA 6010 | TAP      | 15                | PASI-O     |
|            |           | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |           | EPA 8260 | JBH      | 49                | PASI-O     |
| 3516696006 | 4 MW-7    | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |           | EPA 6010 | TAP      | 15                | PASI-O     |
|            |           | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |           | EPA 8260 | JBH      | 49                | PASI-O     |
| 3516696007 | 2MW-24D   | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |           | EPA 8081 | JLY      | 23                | PASI-O     |
|            |           | EPA 8082 | JLY      | 9                 | PASI-O     |
|            |           | EPA 8141 | JLY      | 7                 | PASI-O     |
|            |           | EPA 8151 | JLY      | 6                 | PASI-O     |
|            |           | EPA 6010 | TAP      | 14                | PASI-O     |
|            |           | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |           | EPA 7470 | SK1      | 1                 | PASI-O     |
|            |           | EPA 8270 | EAO      | 105               | PASI-O     |
|            |           | EPA 8260 | JBH      | 64                | PASI-O     |
|            |           | EPA 9034 | AMD      | 1                 | PASI-O     |
|            |           | EPA 9012 | TLK      | 1                 | PASI-O     |
| 3516696008 | 2MW-24S   | EPA 8011 | JLR      | 2                 | PASI-O     |

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: Pasco County Resource Recovery

Pace Project No.: 3516696

| Lab ID     | Sample ID           | Method   | Analysts | Analytes Reported | Laboratory |
|------------|---------------------|----------|----------|-------------------|------------|
| 3516696009 | 2MW-25D             | EPA 8081 | JLY      | 23                | PASI-O     |
|            |                     | EPA 8082 | JLY      | 9                 | PASI-O     |
|            |                     | EPA 8141 | JLY      | 7                 | PASI-O     |
|            |                     | EPA 8151 | JLY      | 6                 | PASI-O     |
|            |                     | EPA 6010 | TAP      | 14                | PASI-O     |
|            |                     | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |                     | EPA 7470 | SK1      | 1                 | PASI-O     |
|            |                     | EPA 8270 | EAO      | 105               | PASI-O     |
|            |                     | EPA 8260 | JBH      | 64                | PASI-O     |
|            |                     | EPA 9034 | AMD      | 1                 | PASI-O     |
|            |                     | EPA 9012 | TLK      | 1                 | PASI-O     |
|            |                     | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |                     | EPA 8081 | JLY      | 23                | PASI-O     |
|            |                     | EPA 8082 | JLY      | 9                 | PASI-O     |
|            |                     | EPA 8141 | JLY      | 7                 | PASI-O     |
|            |                     | EPA 8151 | JLY      | 6                 | PASI-O     |
|            |                     | EPA 6010 | TAP      | 14                | PASI-O     |
|            |                     | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |                     | EPA 7470 | SK1      | 1                 | PASI-O     |
|            |                     | EPA 8270 | EAO      | 105               | PASI-O     |
| 3516696010 | 2MW-26D             | EPA 8260 | JBH      | 64                | PASI-O     |
|            |                     | EPA 9034 | AMD      | 1                 | PASI-O     |
|            |                     | EPA 9012 | TLK      | 1                 | PASI-O     |
|            |                     | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |                     | EPA 8081 | JLY      | 23                | PASI-O     |
|            |                     | EPA 8082 | JLY      | 9                 | PASI-O     |
|            |                     | EPA 8141 | JLY      | 7                 | PASI-O     |
|            |                     | EPA 8151 | JLY      | 6                 | PASI-O     |
|            |                     | EPA 6010 | TAP      | 14                | PASI-O     |
|            |                     | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |                     | EPA 7470 | SK1      | 1                 | PASI-O     |
|            |                     | EPA 8270 | EAO      | 105               | PASI-O     |
| 3516696011 | Trip Blank (9/9/10) | EPA 8260 | JBH      | 64                | PASI-O     |
|            |                     | EPA 9012 | TLK      | 1                 | PASI-O     |
|            |                     | EPA 8034 | AMD      | 1                 | PASI-O     |
| 3516696012 | 4MW4 WELL           | EPA 8011 | JLR      | 2                 | PASI-O     |

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: Pasco County Resource Recovery  
Pace Project No.: 3516696

| Lab ID     | Sample ID    | Method   | Analysts | Analytes Reported | Laboratory |
|------------|--------------|----------|----------|-------------------|------------|
| 3516696013 | WELL 2MW-19D | EPA 6010 | TAP      | 15                | PASI-O     |
|            |              | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |              | EPA 8260 | JBH      | 49                | PASI-O     |
|            |              | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |              | EPA 6010 | TAP      | 15                | PASI-O     |
| 3516696014 | 2MW-18D      | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |              | EPA 8260 | JBH      | 49                | PASI-O     |
|            |              | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |              | EPA 6010 | TAP      | 15                | PASI-O     |
|            |              | EPA 6020 | DRS      | 2                 | PASI-O     |
| 3516696015 | 2MW-17S      | EPA 8260 | JBH      | 49                | PASI-O     |
|            |              | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |              | EPA 6010 | TAP      | 15                | PASI-O     |
|            |              | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |              | EPA 8260 | JBH      | 49                | PASI-O     |
| 3516696016 | 4MW1 WELL    | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |              | EPA 6010 | TAP      | 15                | PASI-O     |
|            |              | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |              | EPA 8260 | JBH      | 49                | PASI-O     |
|            |              | EPA 8011 | JLR      | 2                 | PASI-O     |
| 3516696017 | 4MW2 WELL    | EPA 6010 | TAP      | 15                | PASI-O     |
|            |              | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |              | EPA 8260 | JBH      | 49                | PASI-O     |
|            |              | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |              | EPA 6010 | TAP      | 15                | PASI-O     |
| 3516696018 | 2MW2 WELL    | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |              | EPA 8260 | JBH      | 49                | PASI-O     |
|            |              | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |              | EPA 6010 | TAP      | 15                | PASI-O     |
|            |              | EPA 6020 | DRS      | 2                 | PASI-O     |
| 3516696019 | 4MW6 WELL    | EPA 8260 | JBH      | 49                | PASI-O     |
|            |              | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |              | EPA 6010 | TAP      | 15                | PASI-O     |
|            |              | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |              | EPA 8260 | JBH      | 49                | PASI-O     |
| 3516696020 | 4MW5 WELL    | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |              | EPA 6010 | TAP      | 15                | PASI-O     |
|            |              | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |              | EPA 8260 | JBH      | 49                | PASI-O     |
|            |              | EPA 8011 | JLR      | 2                 | PASI-O     |
| 3516696021 | 4MW27D       | EPA 6010 | TAP      | 15                | PASI-O     |
|            |              | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |              | EPA 8260 | JBH      | 49                | PASI-O     |

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

### SAMPLE ANALYTE COUNT

Project: Pasco County Resource Recovery  
Pace Project No.: 3516696

| Lab ID     | Sample ID     | Method   | Analysts | Analytes Reported | Laboratory |
|------------|---------------|----------|----------|-------------------|------------|
| 3516696022 | 4MW27         | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |               | EPA 8260 | JBH      | 49                | PASI-O     |
|            |               | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |               | EPA 6010 | TAP      | 15                | PASI-O     |
|            |               | EPA 6020 | DRS      | 2                 | PASI-O     |
| 3516696023 | 2MW27D        | EPA 8260 | JBH      | 49                | PASI-O     |
|            |               | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |               | EPA 6010 | TAP      | 15                | PASI-O     |
|            |               | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |               | EPA 8260 | JBH      | 49                | PASI-O     |
| 3516696024 | WELL 2MW-15DA | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |               | EPA 6010 | TAP      | 15                | PASI-O     |
|            |               | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |               | EPA 8260 | JBH      | 49                | PASI-O     |
|            |               | EPA 8011 | JLR      | 2                 | PASI-O     |
| 3516696025 | 4MW-11D       | EPA 6010 | TAP      | 15                | PASI-O     |
|            |               | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |               | EPA 8260 | JBH      | 49                | PASI-O     |
|            |               | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |               | EPA 6010 | TAP      | 15                | PASI-O     |
| 3516696026 | 4MW-12D       | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |               | EPA 8260 | JBH      | 49                | PASI-O     |
|            |               | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |               | EPA 6010 | TAP      | 15                | PASI-O     |
|            |               | EPA 6020 | DRS      | 2                 | PASI-O     |
| 3516696027 | 4MW-13D WELL  | EPA 8260 | JBH      | 49                | PASI-O     |
|            |               | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |               | EPA 6010 | TAP      | 15                | PASI-O     |
|            |               | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |               | EPA 8260 | JBH      | 49                | PASI-O     |
| 3516696028 | 4MW-14D WELL  | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |               | EPA 6010 | TAP      | 15                | PASI-O     |
|            |               | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |               | EPA 8260 | JBH      | 49                | PASI-O     |
|            |               | EPA 8011 | JLR      | 2                 | PASI-O     |
| 3516696029 | 2MW-24S RE    | EPA 6010 | TAP      | 15                | PASI-O     |
|            |               | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |               | EPA 8260 | JBH      | 49                | PASI-O     |
|            |               | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |               | EPA 6010 | TAP      | 15                | PASI-O     |
| 3516696030 | 2MW-24D RE    | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |               | EPA 8260 | JBH      | 49                | PASI-O     |
|            |               | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |               | EPA 6010 | TAP      | 15                | PASI-O     |
|            |               | EPA 6020 | DRS      | 2                 | PASI-O     |

### REPORT OF LABORATORY ANALYSIS

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

### SAMPLE ANALYTE COUNT

Project: Pasco County Resource Recovery

Pace Project No.: 3516696

| Lab ID     | Sample ID  | Method   | Analysts | Analytes Reported | Laboratory |
|------------|------------|----------|----------|-------------------|------------|
| 3516696031 | 2MW-25D RE | EPA 8260 | JBH      | 49                | PASI-O     |
|            |            | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |            | EPA 6010 | TAP      | 15                | PASI-O     |
|            |            | EPA 6020 | DRS      | 2                 | PASI-O     |
| 3516696032 | 2MW-26D RE | EPA 8260 | JBH      | 49                | PASI-O     |
|            |            | EPA 8011 | JLR      | 2                 | PASI-O     |
|            |            | EPA 6010 | TAP      | 15                | PASI-O     |
|            |            | EPA 6020 | DRS      | 2                 | PASI-O     |
|            |            | EPA 8260 | JBH      | 49                | PASI-O     |

### REPORT OF LABORATORY ANALYSIS

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# CHAIN-OF-CUSTODY / Analytical Request Document

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3514696

|                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                      |  |                                                                                                                                                                                              |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Section A</b><br>Required Client Information:<br>Company: <u>Pasco County Env. Lab.</u><br>Address: <u>8260 Geist Dr.</u><br><u>New Port Richey FL</u><br>Email To: _____<br>Phone: <u>727.847.8962</u> Fax: _____<br>Requested Due Date/TAT: _____ |  | <b>Section B</b><br>Required Project Information:<br>Report To: <u>Candice Mulhenn</u><br>Copy To: _____<br>Purchase Order No.: _____<br>Project Name: <u>West Pasco Class III Landfill</u><br>Project Number: _____ |  | <b>Section C</b><br>Invoice Information:<br>Attention: _____<br>Company Name: _____<br>Address: _____<br>Pace Quote Reference: _____<br>Pace Project Manager: _____<br>Pace Profile #: _____ |  |
| <b>REGULATORY AGENCY</b><br><input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER<br><input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____            |  | Site Location<br>STATE: _____                                                                                                                                                                                        |  | Page: _____ of _____<br><div style="font-size: 2em; font-weight: bold; text-align: center;">1273003</div>                                                                                    |  |

| ITEM # | Section D<br>Required Client Information |       | Section E<br>Matrix Codes |         | Section F<br>Sample ID |     | Section G<br>Matrix / CODE |     | Section H<br>Sample Type (G=GRAB C=COMP) |       | Section I<br>Matrix Code (see valid codes to left) |    | Section J<br>Sample Temp at Collection |   | Section K<br># of Containers |    | Section L<br>Preservatives |    | Section M<br>Analysis Test |    | Residual Chlorine (Y/N) | Pace Project No. / Lab I.D. |
|--------|------------------------------------------|-------|---------------------------|---------|------------------------|-----|----------------------------|-----|------------------------------------------|-------|----------------------------------------------------|----|----------------------------------------|---|------------------------------|----|----------------------------|----|----------------------------|----|-------------------------|-----------------------------|
|        | Drinking Water                           | Water | Waste Water               | Product | Soil/Solid             | Oil | Wipe                       | Air | Tissue                                   | Other | DW                                                 | WT | WW                                     | P | SL                           | OL | WP                         | AR | TS                         | OT |                         |                             |
| 1      | 4MN3A e.w. Pasco CI III                  |       | OTG                       |         | 8/23/10 0920           |     | 7                          |     | X X                                      |       | HNO <sub>3</sub>                                   |    | X X                                    |   | X X                          |    | X X                        |    | X X                        |    | X X                     |                             |
| 2      | 4MN9 e.w. Pasco CI III                   |       | OTG                       |         | 8/23/10 1046           |     | 7                          |     | X X                                      |       | HNO <sub>3</sub>                                   |    | X X                                    |   | X X                          |    | X X                        |    | X X                        |    | X X                     |                             |
| 3      | 4MN22 e.w. Pasco CI III                  |       | OTG                       |         | 8/23/10 1334           |     | 7                          |     | X X                                      |       | HNO <sub>3</sub>                                   |    | X X                                    |   | X X                          |    | X X                        |    | X X                        |    | X X                     |                             |
| 4      |                                          |       |                           |         |                        |     |                            |     |                                          |       |                                                    |    |                                        |   |                              |    |                            |    |                            |    |                         |                             |
| 5      |                                          |       |                           |         |                        |     |                            |     |                                          |       |                                                    |    |                                        |   |                              |    |                            |    |                            |    |                         |                             |
| 6      |                                          |       |                           |         |                        |     |                            |     |                                          |       |                                                    |    |                                        |   |                              |    |                            |    |                            |    |                         |                             |
| 7      |                                          |       |                           |         |                        |     |                            |     |                                          |       |                                                    |    |                                        |   |                              |    |                            |    |                            |    |                         |                             |
| 8      |                                          |       |                           |         |                        |     |                            |     |                                          |       |                                                    |    |                                        |   |                              |    |                            |    |                            |    |                         |                             |
| 9      |                                          |       |                           |         |                        |     |                            |     |                                          |       |                                                    |    |                                        |   |                              |    |                            |    |                            |    |                         |                             |
| 10     |                                          |       |                           |         |                        |     |                            |     |                                          |       |                                                    |    |                                        |   |                              |    |                            |    |                            |    |                         |                             |
| 11     |                                          |       |                           |         |                        |     |                            |     |                                          |       |                                                    |    |                                        |   |                              |    |                            |    |                            |    |                         |                             |
| 12     |                                          |       |                           |         |                        |     |                            |     |                                          |       |                                                    |    |                                        |   |                              |    |                            |    |                            |    |                         |                             |

|                                                                             |  |                                                                                 |  |
|-----------------------------------------------------------------------------|--|---------------------------------------------------------------------------------|--|
| <b>ADDITIONAL COMMENTS</b><br>1. 11/11/10<br>2. 8/23/10<br>3. 8/24/10       |  | <b>RELINQUISHED BY / AFFILIATION</b><br>1. 11/11/10<br>2. 8/23/10<br>3. 8/24/10 |  |
| <b>DATE</b><br>8/23/10 0700<br>8/23/10 1430<br>8/24/10 0700                 |  | <b>TIME</b><br>0700<br>1430<br>0700                                             |  |
| <b>ACCEPTED BY / AFFILIATION</b><br>1. 11/11/10<br>2. 8/23/10<br>3. 8/24/10 |  | <b>DATE</b><br>8/23/10 0700<br>8/23/10 1430<br>8/24/10 0700                     |  |
| <b>TEMP IN °C</b><br>2.0<br>2.0<br>2.0                                      |  | <b>RECEIVED ON</b><br>8/23/10<br>8/23/10<br>8/24/10                             |  |
| <b>SEALING COOLER</b><br>8/23/10<br>8/23/10<br>8/24/10                      |  | <b>ICE (Y/N)</b><br>Y<br>Y<br>Y                                                 |  |
| <b>SAMPLES INTACT</b><br>8/23/10<br>8/23/10<br>8/24/10                      |  | <b>DATE SIGNED</b><br>08/23/10<br>08/23/10<br>08/23/10                          |  |

# CHAIN-OF-CUSTODY / Analytical Request Document

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

3516696

|                                                  |                                                    |                                                   |                       |                                          |          |
|--------------------------------------------------|----------------------------------------------------|---------------------------------------------------|-----------------------|------------------------------------------|----------|
| <b>Section A</b><br>Required Client Information: |                                                    | <b>Section B</b><br>Required Project Information: |                       | <b>Section C</b><br>Invoice Information: |          |
| Company:<br>Pace County Environmental Lab        | Report To:<br>Candia Mulhenn                       | Attention:                                        | Company Name:         | Invoice #                                | Page: of |
| Address:<br>8864 Government Dr.                  | Copy To:                                           |                                                   | Address:              | 1346053                                  |          |
| Email To:<br>Newest Ridge, FL                    |                                                    |                                                   | Pace Quote Reference: |                                          |          |
| Phone:<br>(727) 847-8902                         | Project Name:<br>Pace West Pace Class III Landfill |                                                   | Pace Project Manager: |                                          |          |
| Requested Due Date/TAT:                          | Project Number:                                    |                                                   | Pace Profile #:       |                                          |          |

| ITEM # | Section D<br>Required Client Information | Matrix Codes<br>MATRIX CODE<br>Drinking Water<br>Water<br>Waste Water<br>Product<br>Soil/Solid<br>Oil<br>Wipe<br>Air<br>Tissue<br>Other | COLLECTED       |                    | SAMPLE TYPE (G=GRAB C=COMP) | MATRIX CODE (see valid codes to left) | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives<br>Unpreserved<br>H <sub>2</sub> SO <sub>4</sub><br>HNO <sub>3</sub><br>HCl<br>NaOH<br>Na <sub>2</sub> O <sub>3</sub><br>Methanol<br>Other | Analysis Test ↑<br>Y/N | Requested Analysis Filtered (Y/N) |      | Residual Chlorine (Y/N) | Pace Project No./Lab I.D. |
|--------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|-----------------------------|---------------------------------------|---------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------------------|------|-------------------------|---------------------------|
|        |                                          |                                                                                                                                         | COMPOSITE START | COMPOSITE END/GRAB |                             |                                       |                           |                 |                                                                                                                                                          |                        | DATE                              | TIME |                         |                           |
| 1      | 4 MW 8 @ W. Pasco. III                   | DW                                                                                                                                      | 8/24/10         | 1040               | G                           | OT                                    |                           | 7               | X                                                                                                                                                        | X                      | X                                 | X    | X                       | 4                         |
| 2      | 4 MW 91 @ W. Pasco. III                  | WT                                                                                                                                      | 8/24/10         | 1140               | G                           | OT                                    |                           | 7               | X                                                                                                                                                        | X                      | X                                 | X    | X                       |                           |
| 3      | 4 MW 7 @ W. Pasco. III                   | WW                                                                                                                                      | 8/24/10         | 1310               | G                           | OT                                    |                           | 7               | X                                                                                                                                                        | X                      | X                                 | X    | X                       |                           |
| 4      |                                          | P                                                                                                                                       |                 |                    |                             |                                       |                           |                 |                                                                                                                                                          |                        |                                   |      |                         |                           |
| 5      |                                          | SL                                                                                                                                      |                 |                    |                             |                                       |                           |                 |                                                                                                                                                          |                        |                                   |      |                         |                           |
| 6      |                                          | OL                                                                                                                                      |                 |                    |                             |                                       |                           |                 |                                                                                                                                                          |                        |                                   |      |                         |                           |
| 7      |                                          | WP                                                                                                                                      |                 |                    |                             |                                       |                           |                 |                                                                                                                                                          |                        |                                   |      |                         |                           |
| 8      |                                          | AR                                                                                                                                      |                 |                    |                             |                                       |                           |                 |                                                                                                                                                          |                        |                                   |      |                         |                           |
| 9      |                                          | TS                                                                                                                                      |                 |                    |                             |                                       |                           |                 |                                                                                                                                                          |                        |                                   |      |                         |                           |
| 10     |                                          | OT                                                                                                                                      |                 |                    |                             |                                       |                           |                 |                                                                                                                                                          |                        |                                   |      |                         |                           |
| 11     |                                          |                                                                                                                                         |                 |                    |                             |                                       |                           |                 |                                                                                                                                                          |                        |                                   |      |                         |                           |
| 12     |                                          |                                                                                                                                         |                 |                    |                             |                                       |                           |                 |                                                                                                                                                          |                        |                                   |      |                         |                           |

| ADDITIONAL COMMENTS | RELINQUISHED BY / AFFILIATION |      | ACCEPTED BY / AFFILIATION |       | SAMPLE CONDITIONS |             |
|---------------------|-------------------------------|------|---------------------------|-------|-------------------|-------------|
|                     | DATE                          | TIME | DATE                      | TIME  | Temp in °C        | Received on |
|                     | 8/24/10                       | 1500 | 8/24/10                   | 15:00 |                   |             |
|                     | 8/25/10                       | 1610 | 8/25/10                   | 1610  |                   |             |
|                     | 8/25/10                       | 0900 | 8/25/10                   | 0900  |                   |             |

## GROUNDWATER SAMPLING LOG - PASCO COUNTY ENVIRONMENTAL LAB

|            |                         |                |                 |
|------------|-------------------------|----------------|-----------------|
| SITE NAME: | WEST PASCO CLASS III LF | SITE LOCATION: | HAYS ROAD       |
| WELL NO.:  |                         | SAMPLE ID:     | 2MW3            |
|            |                         | DATE:          | August 23, 2010 |

## PURGING DATA

|                       |                         |                                      |                              |                            |
|-----------------------|-------------------------|--------------------------------------|------------------------------|----------------------------|
| WELL DIAMETER(INCHES) | TUBING DIAMETER(INCHES) | WELL SCREEN INTERVAL DEPTH: ft to ft | STATIC DEPTH TO WATER (feet) | PURGE PUMP TYPE OR BAILER: |
|                       |                         |                                      |                              | BP                         |

WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY

|      |       |               |   |                |   |                |   |
|------|-------|---------------|---|----------------|---|----------------|---|
| TWD: | 12.00 | STATIC WATER: | 0 | GALLONS/ FOOT: | 0 | 1 WELL VOLUME= | 0 |
|------|-------|---------------|---|----------------|---|----------------|---|

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL.= PUMP VOL. + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME

|                                              |  |                              |  |                       |  |                   |  |                                |  |
|----------------------------------------------|--|------------------------------|--|-----------------------|--|-------------------|--|--------------------------------|--|
| PUMP VOL (GAL):                              |  | TUBING CAP (GAL)             |  | TUBING LENGTH-ft:     |  | FLOW CELL VOL.    |  | 1 EQ. VOL. PURGE:              |  |
| INITIAL PUMP OR TUBING DEPTH IN WELL (FEET): |  | TUBING DEPTH IN WELL (FEET): |  | PURGING INITIATED AT: |  | PURGING ENDED AT: |  | TOTAL VOLUME PURGED (GALLONS): |  |

0.00

| TIME (24-hr) | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (GPM) | DEPTH TO WATER (FEET) | Ph (standard units) | TEMP. (CEL.) | COND. (umhos/cm or uS/cm) | D.O. (mg/L) | TURB. (NTUs) | COLOR (describe) | ODOR (describe) |
|--------------|-------------------------|--------------------------------|------------------|-----------------------|---------------------|--------------|---------------------------|-------------|--------------|------------------|-----------------|
| 0000         | 0.00                    | 0.00                           |                  |                       |                     |              |                           |             |              |                  |                 |
|              |                         | 0.00                           | 0.00             |                       |                     |              |                           |             |              |                  |                 |
| 0800         |                         | 0.00                           | 0.00             |                       |                     |              |                           |             |              |                  |                 |
|              |                         |                                |                  |                       |                     |              |                           |             |              |                  |                 |
|              |                         |                                |                  |                       |                     |              |                           |             |              |                  |                 |
|              |                         |                                |                  |                       |                     |              |                           |             |              |                  |                 |

\*\*\*WATER LEVEL IS BELOW TOP OF PUMP.

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

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

## SAMPLING DATA

|                                |                  |                                  |             |                                 |          |           |                    |
|--------------------------------|------------------|----------------------------------|-------------|---------------------------------|----------|-----------|--------------------|
| SAMPLED BY (PRINT):            | WILFRED MARTFELD | <i>Wilfred Martfeld</i>          | STARTED:    |                                 | ENDED:   | 0800      |                    |
| PUMP OR TUBING IN WELL (feet): |                  | SAMPLE PUMP FLOW RATE (ML/MIN.): |             | TUBING MATERIAL CODE:           | T        |           |                    |
| FIELD DECONTAMINATION:         | NO               | FIELD FILTERED:                  | NO          | FILTER SIZE (UM):               |          | DUPLICATE |                    |
| SAMPLE CONTAINER SPECIFICATION |                  | SAMPLE PRESERVATION              |             | INTENDED ANALYSIS and/or METHOD | BOTTLE   |           |                    |
| SAMPLE ID CODE:                | # CONTAINERS:    | MATERIAL CODE                    | VOLUME (ML) | PRESERVATIVE USED               | ml ADDED | FINAL PH  | DATE               |
| 2MW3                           | 0                | PE                               | 250         | NONE                            | NONE     | N/A       | CL,TDS,COLOR       |
| 2MW3                           | 0                | PE                               | 250         | H2SO4                           | 1        | <2        | NH3,NO3            |
| 2MW3                           | 0                | PE                               | 250         | HNO3                            | 1        | <2        | FE,HG,NA           |
| 2MW3                           | 0                | PE                               | 250         | HNO3                            | NONE     | <2        | APP.I (ICP METALS) |
| 2MW3                           | 0                | CG                               | 40          | NONE                            | NONE     | N/A       | APP.I (8011)       |
| 2MW3                           | 0                | CG                               | 40          | HCL                             | NONE     | <2        | APP.I (8260)       |
| 2MW3                           | 0                | CG                               | 40          | NONE                            | NONE     | N/A       | TRIP BLANK         |

REMARKS: WELL IS DRY. TWD=12.51

MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER

SAMPLING/PURGING: APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump

EQUIPMENT CODES: RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)

NOTES: 1. The above does 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 &lt;= 20% saturation (see Table FS 2200-2) Optionally, +/- 0.2mg/L or +/- 10% (whichever is greater) Turbidity: all readings &lt;20 NTU; optionally +/- 5NTU or +/- 10% (whichever is greater)

## GROUNDWATER SAMPLING LOG - PASCO COUNTY ENVIRONMENTAL LAB

|            |                         |                |                 |
|------------|-------------------------|----------------|-----------------|
| SITE NAME: | WEST PASCO CLASS III LF | SITE LOCATION: | HAYS ROAD       |
| WELL NO.:  |                         | SAMPLE ID:     | 4MW3A           |
|            |                         | DATE:          | August 23, 2010 |

## PURGING DATA

|                       |                         |                                      |                              |                            |
|-----------------------|-------------------------|--------------------------------------|------------------------------|----------------------------|
| WELL DIAMETER(INCHES) | TUBING DIAMETER(INCHES) | WELL SCREEN INTERVAL DEPTH: ft to ft | STATIC DEPTH TO WATER (feet) | PURGE PUMP TYPE OR BAILER: |
| 4                     |                         |                                      | 27.38                        | BP                         |

WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY

|      |       |               |       |               |      |                |        |
|------|-------|---------------|-------|---------------|------|----------------|--------|
| TWD: | 44.00 | STATIC WATER: | 27.38 | GALLONS/FOOT: | 0.65 | 1 WELL VOLUME= | 10.803 |
|------|-------|---------------|-------|---------------|------|----------------|--------|

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL.= PUMP VOL. + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME

|                 |                  |                   |                |                   |
|-----------------|------------------|-------------------|----------------|-------------------|
| PUMP VOL (GAL): | TUBING CAP (GAL) | TUBING LENGTH-ft: | FLOW CELL VOL. | 1 EQ. VOL. PURGE: |
|-----------------|------------------|-------------------|----------------|-------------------|

|                                              |                              |                       |                   |                                |
|----------------------------------------------|------------------------------|-----------------------|-------------------|--------------------------------|
| INITIAL PUMP OR TUBING DEPTH IN WELL (FEET): | TUBING DEPTH IN WELL (FEET): | PURGING INITIATED AT: | PURGING ENDED AT: | TOTAL VOLUME PURGED (GALLONS): |
|----------------------------------------------|------------------------------|-----------------------|-------------------|--------------------------------|

|  |  |      |      |       |
|--|--|------|------|-------|
|  |  | 0830 | 0904 | 16.20 |
|--|--|------|------|-------|

| TIME (24 hr) | VOLUME PURGED (gallons) | CUMUL VOLUME PURGED (gallons) | PURGE RATE (GPM) | DEPTH TO WATER (FEET) | Ph (standard units) | TEMP. (CEL.) | COND. (umhos/cm or uS/cm) | D.O. (mg/L) | TURB. (NTUs) | COLOR (describe) | ODOR (describe) |
|--------------|-------------------------|-------------------------------|------------------|-----------------------|---------------------|--------------|---------------------------|-------------|--------------|------------------|-----------------|
| 0904         | 10.80                   | 10.80                         | 0.32             | 27.40                 | 7.14                | 23.78        | 346                       | 1.61        | 9.7          | CLEAR            | NONE            |
| 0912         | 2.70                    | 13.50                         | 0.32             | 27.40                 | 7.10                | 23.83        | 346                       | 1.19        | 5.6          | CLEAR            | NONE            |
| 0920         | 2.70                    | 16.20                         | 0.32             | 27.40                 | 7.20                | 23.91        | 348                       | 0.87        | 0.0          | CLEAR            | NONE            |
|              |                         |                               |                  |                       |                     |              |                           |             |              |                  |                 |
|              |                         |                               |                  |                       |                     |              |                           |             |              |                  |                 |
|              |                         |                               |                  |                       |                     |              |                           |             |              |                  |                 |

\*\*\*WATER LEVEL IS BELOW TOP OF PUMP.

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

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

## SAMPLING DATA

|                     |                  |                  |          |  |        |      |
|---------------------|------------------|------------------|----------|--|--------|------|
| SAMPLED BY (PRINT): | WILFRED MARTFELD | Wilfred Martfeld | STARTED: |  | ENDED: | 0920 |
|---------------------|------------------|------------------|----------|--|--------|------|

|                                |  |                                  |      |                       |   |
|--------------------------------|--|----------------------------------|------|-----------------------|---|
| PUMP OR TUBING IN WELL (feet): |  | SAMPLE PUMP FLOW RATE (ML/MIN.): | 1200 | TUBING MATERIAL CODE: | T |
|--------------------------------|--|----------------------------------|------|-----------------------|---|

|                        |    |                 |    |                   |  |           |    |
|------------------------|----|-----------------|----|-------------------|--|-----------|----|
| FIELD DECONTAMINATION: | NO | FIELD FILTERED: | NO | FILTER SIZE (UM): |  | DUPLICATE | NO |
|------------------------|----|-----------------|----|-------------------|--|-----------|----|

|                                |              |               |             |                     |          |          |                                 |        |        |              |
|--------------------------------|--------------|---------------|-------------|---------------------|----------|----------|---------------------------------|--------|--------|--------------|
| SAMPLE CONTAINER SPECIFICATION |              |               |             | SAMPLE PRESERVATION |          |          | INTENDED ANALYSIS and/or METHOD | BOTTLE |        | EQUIP. CODE: |
| SAMPLE ID CODE:                | # CONTAINERS | MATERIAL CODE | VOLUME (ML) | PRESERVATIVE USED   | ml ADDED | FINAL PH |                                 | DATE   | SERIES |              |

|       |   |    |     |       |      |     |                    |         |      |    |
|-------|---|----|-----|-------|------|-----|--------------------|---------|------|----|
| 4MW3A | 1 | PE | 250 | NONE  | NONE | N/A | CL,TDS,COLOR       | 8/9/10  | 0006 | BP |
| 4MW3A | 1 | PE | 250 | H2SO4 | 1    | <2  | NH3,NO3            | 8/9/10  | 0006 | BP |
| 4MW3A | 1 | PE | 250 | HNO3  | 1    | <2  | FE,HG,NA           | 7/26/10 | 0004 | BP |
| 4MW3A | 1 | PE | 250 | HNO3  | NONE | <2  | APP.I (ICP METALS) | N/A     | N/A  | BP |
| 4MW3A | 2 | CG | 40  | NONE  | NONE | N/A | APP.I (8011)       | N/A     | N/A  | BP |
| 4MW3A | 4 | CG | 40  | HCL   | NONE | <2  | APP.I (8260)       | N/A     | N/A  | BP |
| 4MW3A |   |    |     |       |      |     |                    |         |      |    |

REMARKS NGVD=25.54

MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER

SAMPLING/PURGING APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump

EQUIPMENT CODES: RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)

NOTES: 1. The above does 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 &lt;= 20% saturation (see Table FS 2200-2) Optionally +/-0.2mg/L or +/-10%(whichever is greater) Turbidity: all readings &lt;20 NTU; optionally +/- 5NTU or +/- 10% (whichever is greater)

## GROUNDWATER SAMPLING LOG - PASCO COUNTY ENVIRONMENTAL LAB

|            |                         |                |                 |
|------------|-------------------------|----------------|-----------------|
| SITE NAME: | WEST PASCO CLASS III LF | SITE LOCATION: | HAYS ROAD       |
| WELL NO.:  |                         | SAMPLE ID:     | 2MW7            |
|            |                         | DATE:          | August 24, 2010 |

## PURGING DATA

|                        |                          |                                      |                              |                            |
|------------------------|--------------------------|--------------------------------------|------------------------------|----------------------------|
| WELL DIAMETER (INCHES) | TUBING DIAMETER (INCHES) | WELL SCREEN INTERVAL DEPTH: ft to ft | STATIC DEPTH TO WATER (feet) | PURGE PUMP TYPE OR BAILER: |
|                        |                          |                                      |                              | BP                         |

WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY

|      |       |               |   |               |   |                |   |
|------|-------|---------------|---|---------------|---|----------------|---|
| TWD: | 15.00 | STATIC WATER: | 0 | GALLONS/FOOT: | 0 | 1 WELL VOLUME= | 0 |
|------|-------|---------------|---|---------------|---|----------------|---|

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL.= PUMP VOL. + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME

|                                              |  |                              |  |                       |  |                   |  |                                |  |
|----------------------------------------------|--|------------------------------|--|-----------------------|--|-------------------|--|--------------------------------|--|
| PUMP VOL (GAL):                              |  | TUBING CAP (GAL)             |  | TUBING LENGTH-ft:     |  | FLOW CELL VOL.    |  | 1 EQ. VOL. PURGE:              |  |
| INITIAL PUMP OR TUBING DEPTH IN WELL (FEET): |  | TUBING DEPTH IN WELL (FEET): |  | PURGING INITIATED AT: |  | PURGING ENDED AT: |  | TOTAL VOLUME PURGED (GALLONS): |  |

0.00

| TIME (24-hr) | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (GPM) | DEPTH TO WATER (FEET) | Ph (standard units) | TEMP. (CEL.) | COND. (umhos/cm or uS/cm) | D.O. (mg/L) | TURB. (NTUs) | COLOR (describe) | ODOR (describe) |
|--------------|-------------------------|--------------------------------|------------------|-----------------------|---------------------|--------------|---------------------------|-------------|--------------|------------------|-----------------|
| 0            | 0.00                    | 0.00                           |                  |                       |                     |              |                           |             |              |                  |                 |
|              |                         | 0.00                           | 0.00             |                       |                     |              |                           |             |              |                  |                 |
| 1200         |                         | 0.00                           | 0.00             |                       |                     |              |                           |             |              |                  |                 |
|              |                         |                                |                  |                       |                     |              |                           |             |              |                  |                 |
|              |                         |                                |                  |                       |                     |              |                           |             |              |                  |                 |

\*\*\*WATER LEVEL IS BELOW TOP OF PUMP.

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

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

## SAMPLING DATA

|                                |                  |                                  |             |                                 |          |           |                    |        |              |
|--------------------------------|------------------|----------------------------------|-------------|---------------------------------|----------|-----------|--------------------|--------|--------------|
| SAMPLED BY (PRINT):            | WILFRED MARTFELD | <i>Wilfred Martfeld</i>          | STARTED:    |                                 | ENDED:   | 1200      |                    |        |              |
| PUMP OR TUBING IN WELL (feet): |                  | SAMPLE PUMP FLOW RATE (ML/MIN.): |             | TUBING MATERIAL CODE:           | T        |           |                    |        |              |
| FIELD DECONTAMINATION:         | NO               | FIELD FILTERED:                  | NO          | FILTER SIZE (UM):               |          | DUPLICATE |                    |        |              |
| SAMPLE CONTAINER SPECIFICATION |                  | SAMPLE PRESERVATION              |             | INTENDED ANALYSIS and/or METHOD | BOTTLE   |           |                    |        |              |
| SAMPLE ID CODE:                | # CONTAINERS     | MATERIAL CODE                    | VOLUME (ML) | PRESERVATIVE USED               | ml ADDED | FINAL PH  | DATE               | SERIES | EQUIP. CODE: |
| 2MW7                           | 0                | PE                               | 250         | NONE                            | NONE     | N/A       | CL,TDS,COLOR       |        | BP           |
| 2MW7                           | 0                | PE                               | 250         | H2SO4                           | 1        | <2        | NH3,NO3            |        | BP           |
| 2MW7                           | 0                | PE                               | 250         | HNO3                            | 1        | <2        | FE,HG,NA           |        | BP           |
| 2MW7                           | 0                | PE                               | 250         | HNO3                            | NONE     | <2        | APP.I (ICP METALS) | N/A    | N/A          |
| 2MW7                           | 0                | CG                               | 40          | NONE                            | NONE     | N/A       | APP.I (8011)       | N/A    | N/A          |
| 2MW7                           | 0                | CG                               | 40          | HCL                             | NONE     | <2        | APP.I (8260)       | N/A    | N/A          |
| 2MW7                           | 0                | CG                               | 40          | NONE                            | NONE     | N/A       | TRIP BLANK         |        | O            |

REMARKS: WELL IS DRY. TWD=15.04

MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER

SAMPLING/PURGING: APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump

EQUIPMENT CODES: RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method (Tube Gravity Drain); VT=Vacuum Trap; O=Other (Specify)

NOTES: 1. The above does 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 &lt;= 20% saturation (see Table FS 2200-2) Optionally +/- 0.2mg/L or +/- 10% (whichever is greater) Turbidity: all readings &lt;20 NTU; optionally +/- 5NTU or +/- 10% (whichever is greater)

## GROUNDWATER SAMPLING LOG - PASCO COUNTY ENVIRONMENTAL LAB

|            |                         |                |           |       |                 |
|------------|-------------------------|----------------|-----------|-------|-----------------|
| SITE NAME: | WEST PASCO CLASS III LF | SITE LOCATION: | HAYS ROAD |       |                 |
| WELL NO:   |                         | SAMPLE ID:     | 4MW7      | DATE: | August 24, 2010 |

## PURGING DATA

|                       |                         |                                      |                              |                            |
|-----------------------|-------------------------|--------------------------------------|------------------------------|----------------------------|
| WELL DIAMETER(INCHES) | TUBING DIAMETER(INCHES) | WELL SCREEN INTERVAL DEPTH: ft to ft | STATIC DEPTH TO WATER (feet) | PURGE PUMP TYPE OR BAILER: |
| 4                     |                         |                                      | 24.08                        | BP                         |

WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY

|      |       |               |       |               |      |                |        |
|------|-------|---------------|-------|---------------|------|----------------|--------|
| TWD: | 50.00 | STATIC WATER: | 24.08 | GALLONS/FOOT: | 0.65 | 1 WELL VOLUME= | 16.848 |
|------|-------|---------------|-------|---------------|------|----------------|--------|

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL.= PUMP VOL. + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME

|                                              |  |                              |  |                       |  |                   |  |                                |  |
|----------------------------------------------|--|------------------------------|--|-----------------------|--|-------------------|--|--------------------------------|--|
| PUMP VOL (GAL):                              |  | TUBING CAP (GAL)             |  | TUBING LENGTH-ft:     |  | FLOW CELLVOL.     |  | 1 EQ. VOL. PURGE:              |  |
| INITIAL PUMP OR TUBING DEPTH IN WELL (FEET): |  | TUBING DEPTH IN WELL (FEET): |  | PURGING INITIATED AT: |  | PURGING ENDED AT: |  | TOTAL VOLUME PURGED (GALLONS): |  |

|              |                         |                               |                  |                       | 1210                |              | 1250                      |             | 25.27        |                  |                 |
|--------------|-------------------------|-------------------------------|------------------|-----------------------|---------------------|--------------|---------------------------|-------------|--------------|------------------|-----------------|
| TIME (24 hr) | VOLUME PURGED (gallons) | CUMUL VOLUME PURGED (gallons) | PURGE RATE (GPM) | DEPTH TO WATER (FEET) | Ph (standard units) | TEMP. (CEL.) | COND. (umhos/cm or uS/cm) | D.O. (mg/L) | TURB. (NTUs) | COLOR (describe) | ODOR (describe) |
| 1250         | 16.85                   | 16.85                         | 0.42             | 24.08                 | 7.30                | 23.41        | 284                       | 1.61        | 4.9          | CLEAR            | NONE            |
| 1300         | 4.21                    | 21.06                         | 0.42             | 24.08                 | 7.32                | 23.50        | 287                       | 1.52        | 3.2          | CLEAR            | NONE            |
| 1310         | 4.21                    | 25.27                         | 0.42             | 24.08                 | 7.29                | 23.44        | 285                       | 1.55        | 1.3          | CLEAR            | NONE            |
|              |                         |                               |                  |                       |                     |              |                           |             |              |                  |                 |
|              |                         |                               |                  |                       |                     |              |                           |             |              |                  |                 |
|              |                         |                               |                  |                       |                     |              |                           |             |              |                  |                 |
|              |                         |                               |                  |                       |                     |              |                           |             |              |                  |                 |

\*\*\*WATER LEVEL IS BELOW TOP OF PUMP.

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

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

## SAMPLING DATA

|                                |                  |                                  |                     |                       |           |                                 |                    |         |             |    |
|--------------------------------|------------------|----------------------------------|---------------------|-----------------------|-----------|---------------------------------|--------------------|---------|-------------|----|
| SAMPLED BY (PRINT):            | WILFRED MARTFELD | Wilfred Martfeld                 | STARTED:            |                       | ENDED:    | 1310                            |                    |         |             |    |
| PUMP OR TUBING IN WELL (feet): |                  | SAMPLE PUMP FLOW RATE (ML/MIN.): | 1600                | TUBING MATERIAL CODE: | T         |                                 |                    |         |             |    |
| FIELD DECONTAMINATION:         | NO               | FIELD FILTERED:                  | NO                  | FILTER SIZE (UM):     | DUPLICATE | NO                              |                    |         |             |    |
| SAMPLE CONTAINER SPECIFICATION |                  |                                  | SAMPLE PRESERVATION |                       |           | INTENDED ANALYSIS and/or METHOD | BOTTLE             |         | EQUIP CODE: |    |
| SAMPLE ID CODE                 | # CONTAINERS     | MATERIAL CODE                    | VOLUME (ML)         | PRESERVATIVE USED     | ml ADDED  | FINAL PH                        | DATE               | SERIES  |             |    |
| 4MW7                           | 1                | PE                               | 250                 | NONE                  | NONE      | N/A                             | CL,TDS,COLOR       | 7/30/10 | 07          | BP |
| 4MW7                           | 1                | PE                               | 250                 | H2SO4                 | 1         | <2                              | NH3,NO3            | 8/9/10  | 06          | BP |
| 4MW7                           | 1                | PE                               | 250                 | HNO3                  | 1         | <2                              | FE,HG,NA           | 7/26/10 | 04          | BP |
| 4MW7                           | 1                | PE                               | 250                 | HNO3                  | NONE      | <2                              | APP.I (ICP METALS) | N/A     | N/A         | BP |
| 4MW7                           | 2                | CG                               | 40                  | NONE                  | NONE      | N/A                             | APP.I (8011)       | N/A     | N/A         | BP |
| 4MW7                           | 4                | CG                               | 40                  | HCL                   | NONE      | <2                              | APP.I (8260)       | N/A     | N/A         | BP |
| 4MW7                           |                  |                                  |                     |                       |           |                                 |                    |         |             |    |

REMARKS: NGVD=28.54

MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER

SAMPLING/PURGING APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump

EQUIPMENT CODES: RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)

NOTES: 1. The above does 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 &lt;= 20% saturation (see Table FS 2200-2) Optionally, +/- 0.2mg/L or +/- 10%(whichever is greater) Turbidity: all readings &lt;20 NTU; optionally +/- 5NTU or +/- 10% (whichever is greater)

## GROUNDWATER SAMPLING LOG - PASCO COUNTY ENVIRONMENTAL LAB

|            |                         |                |           |       |                 |
|------------|-------------------------|----------------|-----------|-------|-----------------|
| SITE NAME: | WEST PASCO CLASS III LF | SITE LOCATION: | HAYS ROAD |       |                 |
| WELL NO.:  |                         | SAMPLE ID:     | 2MW8      | DATE: | August 24, 2010 |

## PURGING DATA

|                       |                         |                                      |                              |                            |
|-----------------------|-------------------------|--------------------------------------|------------------------------|----------------------------|
| WELL DIAMETER(INCHES) | TUBING DIAMETER(INCHES) | WELL SCREEN INTERVAL DEPTH: ft to ft | STATIC DEPTH TO WATER (feet) | PURGE PUMP TYPE OR BAILER: |
|                       |                         |                                      |                              | BP                         |

WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY

|      |       |               |   |                |   |                |   |
|------|-------|---------------|---|----------------|---|----------------|---|
| TWD: | 18.00 | STATIC WATER: | 0 | GALLONS/ FOOT: | 0 | 1 WELL VOLUME= | 0 |
|------|-------|---------------|---|----------------|---|----------------|---|

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL.= PUMP VOL. + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME

|                                              |  |                              |  |                       |  |                   |  |                                |      |
|----------------------------------------------|--|------------------------------|--|-----------------------|--|-------------------|--|--------------------------------|------|
| PUMP VOL (GAL):                              |  | TUBING CAP (GAL)             |  | TUBING LENGTH-ft:     |  | FLOW CELL VOL.    |  | 1 EQ. VOL. PURGE:              |      |
| INITIAL PUMP OR TUBING DEPTH IN WELL (FEET): |  | TUBING DEPTH IN WELL (FEET): |  | PURGING INITIATED AT: |  | PURGING ENDED AT: |  | TOTAL VOLUME PURGED (GALLONS): | 0.00 |

| TIME (24-hr) | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (GPM) | DEPTH TO WATER (FEET) | Ph (standard units) | TEMP. (CEL.) | COND. (umhos/cm or uS/cm) | D.O. (mg/L) | TURB. (NTUs) | COLOR (describe) | ODOR (describe) |
|--------------|-------------------------|--------------------------------|------------------|-----------------------|---------------------|--------------|---------------------------|-------------|--------------|------------------|-----------------|
| 0000         | 0.00                    | 0.00                           |                  |                       |                     |              |                           |             |              |                  |                 |
|              |                         | 0.00                           | 0.00             |                       |                     |              |                           |             |              |                  |                 |
| 0900         |                         | 0.00                           | 0.00             |                       |                     |              |                           |             |              |                  |                 |
|              |                         |                                |                  |                       |                     |              |                           |             |              |                  |                 |
|              |                         |                                |                  |                       |                     |              |                           |             |              |                  |                 |
|              |                         |                                |                  |                       |                     |              |                           |             |              |                  |                 |

\*\*\*WATER LEVEL IS BELOW TOP OF PUMP.

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

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

## SAMPLING DATA

|                                |                  |                                  |                     |                       |          |                                 |                    |        |              |    |
|--------------------------------|------------------|----------------------------------|---------------------|-----------------------|----------|---------------------------------|--------------------|--------|--------------|----|
| SAMPLED BY (PRINT):            | WILFRED MARTFELD | <i>Wilfred Martfeld</i>          | STARTED:            |                       | ENDED:   | 0900                            |                    |        |              |    |
| PUMP OR TUBING IN WELL (feet): |                  | SAMPLE PUMP FLOW RATE (ML/MIN.): |                     | TUBING MATERIAL CODE: | T        |                                 |                    |        |              |    |
| FIELD DECONTAMINATION:         | NO               | FIELD FILTERED:                  | NO                  | FILTER SIZE (UM):     |          | DUPLICATE                       | NO                 |        |              |    |
| SAMPLE CONTAINER SPECIFICATION |                  |                                  | SAMPLE PRESERVATION |                       |          | INTENDED ANALYSIS and/or METHOD | BOTTLE             |        | EQUIP. CODE: |    |
| SAMPLE ID CODE:                | # CONTAINERS     | MATERIAL CODE                    | VOLUME (ML)         | PRESERVATIVE USED     | ml ADDED | FINAL PH                        | DATE               | SERIES |              |    |
| 2MW8                           | 0                | PE                               | 250                 | NONE                  | NONE     | N/A                             | CL,TDS,COLOR       |        | BP           |    |
| 2MW8                           | 0                | PE                               | 250                 | H2SO4                 | 1        | <2                              | NH3,NO3            |        | BP           |    |
| 2MW8                           | 0                | PE                               | 250                 | HNO3                  | 1        | <2                              | FE,HG,NA           |        | BP           |    |
| 2MW8                           | 0                | PE                               | 250                 | HNO3                  | NONE     | <2                              | APP.I (ICP METALS) | N/A    | N/A          | BP |
| 2MW8                           | 0                | CG                               | 40                  | NONE                  | NONE     | N/A                             | APP.I (8011)       | N/A    | N/A          | BP |
| 2MW8                           | 0                | CG                               | 40                  | HCL                   | NONE     | <2                              | APP.I (8260)       | N/A    | N/A          | BP |
| 2MW8                           | 0                | CG                               | 40                  | NONE                  | NONE     | N/A                             | TRIP BLANK         |        | O            |    |

REMARKS WELL IS DRY. TWD=17.85

MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER

SAMPLING/PURGING APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump

EQUIPMENT CODES: RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)

NOTES: 1. The above does 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 &lt;= 20% saturation (see Table FS 2200-2) Optionally, +/- 0.2mg/L or +/- 10% (whichever is greater) Turbidity: all readings &lt;20 NTU; optionally +/- 5NTU or +/- 10% (whichever is greater)

## GROUNDWATER SAMPLING LOG - PASCO COUNTY ENVIRONMENTAL LAB

|            |                         |                |           |       |                 |
|------------|-------------------------|----------------|-----------|-------|-----------------|
| SITE NAME: | WEST PASCO CLASS III LF | SITE LOCATION: | HAYS ROAD |       |                 |
| WELL NO.:  |                         | SAMPLE ID:     | 4MW8      | DATE: | August 24, 2010 |

## PURGING DATA

|                       |                         |                                      |                              |                           |
|-----------------------|-------------------------|--------------------------------------|------------------------------|---------------------------|
| WELL DIAMETER(INCHES) | TUBING DIAMETER(INCHES) | WELL SCREEN INTERVAL DEPTH: ft to ft | STATIC DEPTH TO WATER (feet) | PURGE PUMP TYPE OR BAILER |
| 4                     |                         |                                      | 24.00                        | BP                        |

WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY

|      |       |               |    |               |      |                |       |
|------|-------|---------------|----|---------------|------|----------------|-------|
| TWD: | 41.00 | STATIC WATER: | 24 | GALLONS/FOOT: | 0.65 | 1 WELL VOLUME= | 11.05 |
|------|-------|---------------|----|---------------|------|----------------|-------|

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL.= PUMP VOL. + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME

|                                              |  |                              |  |                       |  |                   |  |                                |  |
|----------------------------------------------|--|------------------------------|--|-----------------------|--|-------------------|--|--------------------------------|--|
| PUMP VOL (GAL):                              |  | TUBING CAP (GAL)             |  | TUBING LENGTH-ft:     |  | FLOW CELLVOL.     |  | 1 EQ. VOL. PURGE               |  |
| INITIAL PUMP OR TUBING DEPTH IN WELL (FEET): |  | TUBING DEPTH IN WELL (FEET): |  | PURGING INITIATED AT: |  | PURGING ENDED AT: |  | TOTAL VOLUME PURGED (GALLONS): |  |

|              |                         |                               |                  |                       | 1000                |              | 1026                      |             | 16.58        |                  |                 |
|--------------|-------------------------|-------------------------------|------------------|-----------------------|---------------------|--------------|---------------------------|-------------|--------------|------------------|-----------------|
| TIME (24 hr) | VOLUME PURGED (gallons) | CUMUL VOLUME PURGED (gallons) | PURGE RATE (GPM) | DEPTH TO WATER (FEET) | Ph (standard units) | TEMP. (CEL.) | COND. (umhos/cm or uS/cm) | D.O. (mg/L) | TURB. (NTUs) | COLOR (describe) | ODOR (describe) |
| 1026         | 11.05                   | 11.05                         | 0.42             | 24.00                 | 7.04                | 23.59        | 332                       | 1.55        | 0.0          | CLEAR            | NONE            |
| 1033         | 2.76                    | 13.81                         | 0.42             | 24.00                 | 6.99                | 23.68        | 332                       | 1.48        | 0.0          | CLEAR            | NONE            |
| 1040         | 2.76                    | 16.58                         | 0.42             | 24.00                 | 6.96                | 23.73        | 332                       | 1.51        | 0.0          | CLEAR            | NONE            |
|              |                         |                               |                  |                       |                     |              |                           |             |              |                  |                 |
|              |                         |                               |                  |                       |                     |              |                           |             |              |                  |                 |
|              |                         |                               |                  |                       |                     |              |                           |             |              |                  |                 |
|              |                         |                               |                  |                       |                     |              |                           |             |              |                  |                 |

\*\*\*WATER LEVEL IS BELOW TOP OF PUMP.

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

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

## SAMPLING DATA

|                                |                  |                                  |          |                       |        |           |
|--------------------------------|------------------|----------------------------------|----------|-----------------------|--------|-----------|
| SAMPLED BY (PRINT):            | WILFRED MARTFELD | <i>Wilfred Martfeld</i>          | STARTED: |                       | ENDED: | 1040      |
| PUMP OR TUBING IN WELL (feet): |                  | SAMPLE PUMP FLOW RATE (ML/MIN.): | 1600     | TUBING MATERIAL CODE: | T      |           |
| FIELD DECONTAMINATION:         | NO               | FIELD FILTERED:                  | NO       | FILTER SIZE (UM):     |        | DUPLICATE |

| SAMPLE CONTAINER SPECIFICATION |              |               |             | SAMPLE PRESERVATION |          |          | INTENDED ANALYSIS and/or METHOD | BOTTLE  |        | EQUIP. CODE |
|--------------------------------|--------------|---------------|-------------|---------------------|----------|----------|---------------------------------|---------|--------|-------------|
| SAMPLE ID CODE                 | # CONTAINERS | MATERIAL CODE | VOLUME (ML) | PRESERVATIVE USED   | ml ADDED | FINAL PH |                                 | DATE    | SERIES |             |
| 4MW8                           | 1            | PE            | 250         | NONE                | NONE     | N/A      | CL,TDS,COLOR                    | 8/9/10  | 06     | BP          |
| 4MW8                           | 1            | PE            | 250         | H2SO4               | 0.5      | <2       | NH3,NO3                         | 8/9/10  | 06     | BP          |
| 4MW8                           | 1            | PE            | 250         | HNO3                | 0.5      | <2       | FE,HG,NA                        | 7/26/10 | 04     | BP          |
| 4MW8                           | 1            | PE            | 250         | HNO3                | NONE     | <2       | APP.I (ICP METALS)              | N/A     | N/A    | BP          |
| 4MW8                           | 2            | CG            | 40          | NONE                | NONE     | N/A      | APP.I (8011)                    | N/A     | N/A    | BP          |
| 4MW8                           | 4            | CG            | 40          | HCL                 | NONE     | <2       | APP.I (8260)                    | N/A     | N/A    | BP          |
| 4MW8                           |              |               |             |                     |          |          |                                 |         |        |             |

REMARKS: NGVD=27.87

MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER

SAMPLING/PURGING APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump

EQUIPMENT CODES: RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)

NOTES: 1. The above does 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 &lt;= 20% saturation (see Table FS 2200-2) Optionally +/- 0.2mg/L or +/- 10%(whichever is greater) Turbidity: all readings &lt;20 NTU; optionally +/- 5NTU or +/- 10% (whichever is greater)

## GROUNDWATER SAMPLING LOG - PASCO COUNTY ENVIRONMENTAL LAB

|            |                         |                |           |       |                 |
|------------|-------------------------|----------------|-----------|-------|-----------------|
| SITE NAME: | WEST PASCO CLASS III LF | SITE LOCATION: | HAYS ROAD |       |                 |
| WELL NO:   |                         | SAMPLE ID:     | 2MW9      | DATE: | August 23, 2010 |

## PURGING DATA

|                       |                         |                                      |                              |                            |
|-----------------------|-------------------------|--------------------------------------|------------------------------|----------------------------|
| WELL DIAMETER(INCHES) | TUBING DIAMETER(INCHES) | WELL SCREEN INTERVAL DEPTH: ft to ft | STATIC DEPTH TO WATER (feet) | PURGE PUMP TYPE OR BAILER: |
|                       |                         |                                      |                              | BP                         |

WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY

|      |       |               |   |                |   |                |   |
|------|-------|---------------|---|----------------|---|----------------|---|
| TWD: | 12.00 | STATIC WATER: | 0 | GALLONS/ FOOT: | 0 | 1 WELL VOLUME= | 0 |
|------|-------|---------------|---|----------------|---|----------------|---|

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL.= PUMP VOL. + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME

|                                              |  |                              |  |                       |  |                   |  |                                |      |
|----------------------------------------------|--|------------------------------|--|-----------------------|--|-------------------|--|--------------------------------|------|
| PUMP VOL (GAL):                              |  | TUBING CAP (GAL)             |  | TUBING LENGTH-ft:     |  | FLOW CELLVOL.     |  | 1 EQ. VOL. PURGE:              |      |
| INITIAL PUMP OR TUBING DEPTH IN WELL (FEET): |  | TUBING DEPTH IN WELL (FEET): |  | PURGING INITIATED AT: |  | PURGING ENDED AT: |  | TOTAL VOLUME PURGED (GALLONS): | 0.00 |

| TIME (24 hr) | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (GPM) | DEPTH TO WATER (FEET) | Ph (standard units) | TEMP. (CEL.) | COND. (umhos/cm or uS/cm) | D.O. (mg/L) | TURB. (NTUs) | COLOR (describe) | ODOR (describe) |
|--------------|-------------------------|--------------------------------|------------------|-----------------------|---------------------|--------------|---------------------------|-------------|--------------|------------------|-----------------|
| 0000         | 0.00                    | 0.00                           |                  |                       |                     |              |                           |             |              |                  |                 |
|              |                         | 0.00                           | 0.00             |                       |                     |              |                           |             |              |                  |                 |
| 0940         |                         | 0.00                           | 0.00             |                       |                     |              |                           |             |              |                  |                 |
|              |                         |                                |                  |                       |                     |              |                           |             |              |                  |                 |
|              |                         |                                |                  |                       |                     |              |                           |             |              |                  |                 |
|              |                         |                                |                  |                       |                     |              |                           |             |              |                  |                 |

\*\*\*WATER LEVEL IS BELOW TOP OF PUMP.

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

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

## SAMPLING DATA

|                                |                  |                                  |                     |                       |           |                                 |                    |        |              |
|--------------------------------|------------------|----------------------------------|---------------------|-----------------------|-----------|---------------------------------|--------------------|--------|--------------|
| SAMPLED BY (PRINT):            | WILFRED MARTFELD | <i>Wilfred Martfeld</i>          | STARTED:            |                       | ENDED:    | 0940                            |                    |        |              |
| PUMP OR TUBING IN WELL (feet): |                  | SAMPLE PUMP FLOW RATE (ML/MIN.): |                     | TUBING MATERIAL CODE: | T         |                                 |                    |        |              |
| FIELD DECONTAMINATION:         | NO               | FIELD FILTERED:                  | NO                  | FILTER SIZE (UM):     | DUPLICATE | NO                              |                    |        |              |
| SAMPLE CONTAINER SPECIFICATION |                  |                                  | SAMPLE PRESERVATION |                       |           | INTENDED ANALYSIS and/or METHOD | BOTTLE             |        | EQUIP. CODE: |
| SAMPLE ID CODE:                | # CONTAINERS     | MATERIAL CODE                    | VOLUME (ML)         | PRESERVATIVE USED     | ML ADDED  | FINAL PH                        | DATE               | SERIES |              |
| 2MW9                           | 0                | PE                               | 250                 | NONE                  | NONE      | N/A                             | CL,TDS,COLOR       |        | BP           |
| 2MW9                           | 0                | PE                               | 250                 | H2SO4                 | 1         | <2                              | NH3,NO3            |        | BP           |
| 2MW9                           | 0                | PE                               | 250                 | HNO3                  | 1         | <2                              | FE,HG,NA           |        | BP           |
| 2MW9                           | 0                | PE                               | 250                 | HNO3                  | NONE      | <2                              | APP.I (ICP METALS) | N/A    | N/A          |
| 2MW9                           | 0                | CG                               | 40                  | NONE                  | NONE      | N/A                             | APP.I (8011)       | N/A    | N/A          |
| 2MW9                           | 0                | CG                               | 40                  | HCL                   | NONE      | <2                              | APP.I (8260)       | N/A    | N/A          |
| 2MW9                           | 0                | CG                               | 40                  | NONE                  | NONE      | N/A                             | TRIP BLANK         |        | O            |

REMARKS: WELL IS DRY. TWD=12.04

MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER

SAMPLING/PURGING APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump

EQUIPMENT CODES: RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)

NOTES: 1. The above does 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 &lt;= 20% saturation (see Table FS 2200-2) Optionally, +/-0.2mg/L or +/-10%(whichever is greater) Turbidity: all readings &lt;20 NTU; optionally +/- 5NTU or +/- 10% (whichever is greater)

## GROUNDWATER SAMPLING LOG - PASCO COUNTY ENVIRONMENTAL LAB

|            |                         |                |           |       |                 |
|------------|-------------------------|----------------|-----------|-------|-----------------|
| SITE NAME: | WEST PASCO CLASS III LF | SITE LOCATION: | HAYS ROAD |       |                 |
| WELL NO.:  |                         | SAMPLE ID:     | 4MW9      | DATE: | August 23, 2010 |

## PURGING DATA

|                       |                         |                                      |                              |                           |
|-----------------------|-------------------------|--------------------------------------|------------------------------|---------------------------|
| WELL DIAMETER(INCHES) | TUBING DIAMETER(INCHES) | WELL SCREEN INTERVAL DEPTH: ft to ft | STATIC DEPTH TO WATER (feet) | PURGE PUMP TYPE OR BAILER |
| 4                     |                         |                                      | 26.60                        | BP                        |

WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY

|      |       |               |      |               |      |                |       |
|------|-------|---------------|------|---------------|------|----------------|-------|
| TWD: | 51.00 | STATIC WATER: | 26.6 | GALLONS/FOOT: | 0.65 | 1 WELL VOLUME= | 15.86 |
|------|-------|---------------|------|---------------|------|----------------|-------|

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL.= PUMP VOL. + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME

|                 |  |                   |  |                   |  |                |  |                   |  |
|-----------------|--|-------------------|--|-------------------|--|----------------|--|-------------------|--|
| PUMP VOL (GAL): |  | TUBING CAP. (GAL) |  | TUBING LENGTH-ft: |  | FLOW CELL VOL. |  | 1 EQ. VOL. PURGE: |  |
|-----------------|--|-------------------|--|-------------------|--|----------------|--|-------------------|--|

|                                              |                              |                       |                   |                                |
|----------------------------------------------|------------------------------|-----------------------|-------------------|--------------------------------|
| INITIAL PUMP OR TUBING DEPTH IN WELL (FEET): | TUBING DEPTH IN WELL (FEET): | PURGING INITIATED AT: | PURGING ENDED AT: | TOTAL VOLUME PURGED (GALLONS): |
|----------------------------------------------|------------------------------|-----------------------|-------------------|--------------------------------|

|  |  |      |      |       |
|--|--|------|------|-------|
|  |  | 0950 | 1028 | 23.79 |
|--|--|------|------|-------|

| TIME (24 hr) | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (GPM) | DEPTH TO WATER (FEET) | Ph (standard units) | TEMP. (CEL.) | COND. (umhos/cm or uS/cm) | D.O. (mg/L) | TURB. (NTUs) | COLOR (describe) | ODOR (describe) |
|--------------|-------------------------|--------------------------------|------------------|-----------------------|---------------------|--------------|---------------------------|-------------|--------------|------------------|-----------------|
| 1028         | 15.86                   | 15.86                          | 0.42             | 26.60                 | 7.13                | 23.97        | 369                       | 1.25        | 10.5         | CLEAR            | NONE            |
| 1037         | 3.97                    | 19.83                          | 0.42             | 26.60                 | 7.20                | 24.03        | 368                       | 1.02        | 0.0          | CLEAR            | NONE            |
| 1046         | 3.97                    | 23.79                          | 0.42             | 26.60                 | 7.14                | 24.11        | 369                       | 0.75        | 0.7          | CLEAR            | NONE            |
|              |                         |                                |                  |                       |                     |              |                           |             |              |                  |                 |
|              |                         |                                |                  |                       |                     |              |                           |             |              |                  |                 |
|              |                         |                                |                  |                       |                     |              |                           |             |              |                  |                 |

\*\*\*WATER LEVEL IS BELOW TOP OF PUMP.

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

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

## SAMPLING DATA

|                     |                  |                         |          |  |        |      |
|---------------------|------------------|-------------------------|----------|--|--------|------|
| SAMPLED BY (PRINT): | WILFRED MARTFELD | <i>Wilfred Martfeld</i> | STARTED: |  | ENDED: | 1046 |
|---------------------|------------------|-------------------------|----------|--|--------|------|

|                                |  |                                  |      |                       |   |
|--------------------------------|--|----------------------------------|------|-----------------------|---|
| PUMP OR TUBING IN WELL (feet): |  | SAMPLE PUMP FLOW RATE (ML/MIN.): | 1600 | TUBING MATERIAL CODE: | T |
|--------------------------------|--|----------------------------------|------|-----------------------|---|

|                        |    |                 |    |                   |  |            |    |
|------------------------|----|-----------------|----|-------------------|--|------------|----|
| FIELD DECONTAMINATION: | NO | FIELD FILTERED: | NO | FILTER SIZE (UM): |  | DUPLICATE: | NO |
|------------------------|----|-----------------|----|-------------------|--|------------|----|

| SAMPLE CONTAINER SPECIFICATION |              |               |             | SAMPLE PRESERVATION |          |          | INTENDED ANALYSIS and/or METHOD | BOTTLE |        | EQUIP CODE |
|--------------------------------|--------------|---------------|-------------|---------------------|----------|----------|---------------------------------|--------|--------|------------|
| SAMPLE ID CODE                 | # CONTAINERS | MATERIAL CODE | VOLUME (ML) | PRESERVATIVE USED   | ml ADDED | FINAL PH |                                 | DATE   | SERIES |            |

|      |   |    |     |       |      |     |                    |         |     |    |
|------|---|----|-----|-------|------|-----|--------------------|---------|-----|----|
| 4MW9 | 1 | PE | 250 | NONE  | NONE | N/A | CL,TDS,COLOR       | 8/9/10  | 06  | BP |
| 4MW9 | 1 | PE | 250 | H2SO4 | 1    | <2  | NH3,NO3            | 7/30/10 | 07  | BP |
| 4MW9 | 1 | PE | 250 | HNO3  | 1    | <2  | FE,HG,NA           | 7/26/10 | 04  | BP |
| 4MW9 | 1 | PE | 250 | HNO3  | NONE | <2  | APP.I (ICP METALS) | N/A     | N/A | BP |
| 4MW9 | 2 | CG | 40  | NONE  | NONE | N/A | APP.I (8011)       | N/A     | N/A | BP |
| 4MW9 | 4 | CG | 40  | HCL   | NONE | <2  | APP.I (8260)       | N/A     | N/A | BP |
| 4MW9 |   |    |     |       |      |     |                    |         |     |    |

REMARKS NGVD=26.18

MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER

SAMPLING/PURGING APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump

EQUIPMENT CODES: RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)

NOTES: 1. The above does 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 &lt;= 20% saturation (see Table FS 2200-2) Optionally, +/-0.2mg/L or +/-10%(whichever is greater) Turbidity: all readings &lt;20 NTU; optionally +/- 5NTU or +/- 10% (whichever is greater)

## GROUNDWATER SAMPLING LOG - PASCO COUNTY ENVIRONMENTAL LAB

|            |                         |                |           |       |                 |
|------------|-------------------------|----------------|-----------|-------|-----------------|
| SITE NAME: | WEST PASCO CLASS III LF | SITE LOCATION: | HAYS ROAD |       |                 |
| WELL NO:   |                         | SAMPLE ID:     | 2MW10     | DATE: | August 23, 2010 |

## PURGING DATA

|                       |                         |                                      |                              |                            |
|-----------------------|-------------------------|--------------------------------------|------------------------------|----------------------------|
| WELL DIAMETER(INCHES) | TUBING DIAMETER(INCHES) | WELL SCREEN INTERVAL DEPTH: ft to ft | STATIC DEPTH TO WATER (feet) | PURGE PUMP TYPE OR BAILER: |
|                       |                         |                                      |                              | BP                         |

WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY

|      |       |               |   |                |   |                |   |
|------|-------|---------------|---|----------------|---|----------------|---|
| TWD: | 15.00 | STATIC WATER: | 0 | GALLONS/ FOOT: | 0 | 1 WELL VOLUME= | 0 |
|------|-------|---------------|---|----------------|---|----------------|---|

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL.= PUMP VOL. + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME

|                                              |  |                              |  |                       |  |                   |  |                                |      |
|----------------------------------------------|--|------------------------------|--|-----------------------|--|-------------------|--|--------------------------------|------|
| PUMP VOL (GAL):                              |  | TUBING CAP (GAL)             |  | TUBING LENGTH-ft:     |  | FLOW CELL VOL.    |  | 1 EQ. VOL PURGE:               |      |
| INITIAL PUMP OR TUBING DEPTH IN WELL (FEET): |  | TUBING DEPTH IN WELL (FEET): |  | PURGING INITIATED AT: |  | PURGING ENDED AT: |  | TOTAL VOLUME PURGED (GALLONS): | 0.00 |

| TIME (24 hr) | VOLUME PURGED (gallons) | CUMUL VOLUME PURGED (gallons) | PURGE RATE (GPM) | DEPTH TO WATER (FEET) | Ph (standard units) | TEMP. (CEL.) | COND. (umhos/cm or uS/cm) | D.O. (mg/L) | TURB. (NTUs) | COLOR (describe) | ODOR (describe) |
|--------------|-------------------------|-------------------------------|------------------|-----------------------|---------------------|--------------|---------------------------|-------------|--------------|------------------|-----------------|
| 0            | 0.00                    | 0.00                          |                  |                       |                     |              |                           |             |              |                  |                 |
|              |                         | 0.00                          | 0.00             |                       |                     |              |                           |             |              |                  |                 |
| 1055         |                         | 0.00                          | 0.00             |                       |                     |              |                           |             |              |                  |                 |
|              |                         |                               |                  |                       |                     |              |                           |             |              |                  |                 |
|              |                         |                               |                  |                       |                     |              |                           |             |              |                  |                 |
|              |                         |                               |                  |                       |                     |              |                           |             |              |                  |                 |

\*\*\*WATER LEVEL IS BELOW TOP OF PUMP.

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

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

## SAMPLING DATA

|                                |                  |                                  |                         |                       |          |           |                                 |        |     |              |
|--------------------------------|------------------|----------------------------------|-------------------------|-----------------------|----------|-----------|---------------------------------|--------|-----|--------------|
| SAMPLED BY (PRINT):            | WILFRED MARTFELD |                                  | <i>Wilfred Martfeld</i> |                       | STARTED: |           | ENDED:                          | 1055   |     |              |
| PUMP OR TUBING IN WELL (feet): |                  | SAMPLE PUMP FLOW RATE (ML/MIN.): |                         | TUBING MATERIAL CODE: | T        |           |                                 |        |     |              |
| FIELD DECONTAMINATION:         | NO               | FIELD FILTERED:                  | NO                      | FILTER SIZE (UM):     |          | DUPLICATE | NO                              |        |     |              |
| SAMPLE CONTAINER SPECIFICATION |                  |                                  |                         | SAMPLE PRESERVATION   |          |           | INTENDED ANALYSIS and/or METHOD | BOTTLE |     | EQUIP. CODE: |
| SAMPLE ID CODE:                | # CONTAINERS     | MATERIAL CODE                    | VOLUME (ML)             | PRESERVATIVE USED     | ml ADDED | FINAL PH  | DATE                            | SERIES |     |              |
| 2MW10                          | 0                | PE                               | 250                     | NONE                  | NONE     | N/A       | CL,TDS,COLOR                    |        |     | BP           |
| 2MW10                          | 0                | PE                               | 250                     | H2SO4                 | 1        | <2        | NH3,NO3                         |        |     | BP           |
| 2MW10                          | 0                | PE                               | 250                     | HNO3                  | 1        | <2        | FE,HG,NA                        |        |     | BP           |
| 2MW10                          | 0                | PE                               | 250                     | HNO3                  | NONE     | <2        | APP.I (ICP METALS)              | N/A    | N/A | BP           |
| 2MW10                          | 0                | CG                               | 40                      | NONE                  | NONE     | N/A       | APP.I (8011)                    | N/A    | N/A | BP           |
| 2MW10                          | 0                | CG                               | 40                      | HCL                   | NONE     | <2        | APP.I (8260)                    | N/A    | N/A | BP           |
| 2MW10                          | 0                | CG                               | 40                      | NONE                  | NONE     | N/A       | TRIP BLANK                      |        |     | O            |

REMARKS: WELL IS DRY.

MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER

SAMPLING/PURGING APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump

EQUIPMENT CODES: RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)

NOTES: 1. The above does 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 &lt;= 20% saturation (see Table FS 2200-2) Optionally +/-0.2mg/L or +/-10%(whichever is greater) Turbidity: all readings &lt;20 NTU; optionally +/- 5NTU or +/- 10% (whichever is greater)

## GROUNDWATER SAMPLING LOG - PASCO COUNTY ENVIRONMENTAL LAB

|            |                         |                |                                       |       |                 |
|------------|-------------------------|----------------|---------------------------------------|-------|-----------------|
| SITE NAME: | WEST PASCO CLASS III LF | SITE LOCATION: | HAYS ROAD (28°22'22.17"/82°34'14.48") |       |                 |
| WELL NO:   |                         | SAMPLE ID:     | 4MW21                                 | DATE: | August 24, 2010 |

## PURGING DATA

|                       |                         |                                      |      |                              |                           |
|-----------------------|-------------------------|--------------------------------------|------|------------------------------|---------------------------|
| WELL DIAMETER(INCHES) | TUBING DIAMETER(INCHES) | WELL SCREEN INTERVAL DEPTH: ft to ft |      | STATIC DEPTH TO WATER (feet) | PURGE PUMP TYPE OR BAILER |
| 2                     |                         | 24.2                                 | 39.2 | 23.72                        | BP                        |

WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY

|      |       |               |       |                |      |                |        |
|------|-------|---------------|-------|----------------|------|----------------|--------|
| TWD: | 39.70 | STATIC WATER: | 23.72 | GALLONS/ FOOT: | 0.16 | 1 WELL VOLUME= | 2.5568 |
|------|-------|---------------|-------|----------------|------|----------------|--------|

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL.= PUMP VOL. + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME

|                |                  |                  |               |                   |
|----------------|------------------|------------------|---------------|-------------------|
| PUMP VOL (GAL) | TUBING CAP.(GAL) | TUBING LENGTH-ft | FLOW CELLVOL. | 1 EQ. VOL. PURGE: |
|----------------|------------------|------------------|---------------|-------------------|

|                                              |                                            |                       |                   |                                |
|----------------------------------------------|--------------------------------------------|-----------------------|-------------------|--------------------------------|
| 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): |
|----------------------------------------------|--------------------------------------------|-----------------------|-------------------|--------------------------------|

|  |  |      |      |      |
|--|--|------|------|------|
|  |  | 1122 | 1130 | 7.68 |
|--|--|------|------|------|

| TIME (24 hr) | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (GPM) | DEPTH-TO WATER (FEET) | Ph (standard units) | TEMP. (CEL.) | COND. (umhos/cm or uS/cm) | D.O. (mg/L) | TURB. (NTUs) | COLOR (describe) | ODOR (describe) |
|--------------|-------------------------|--------------------------------|------------------|-----------------------|---------------------|--------------|---------------------------|-------------|--------------|------------------|-----------------|
| 1130         | 2.56                    | 2.56                           | 0.32             | 23.72                 | 5.39                | 24.30        | 155                       | 3.47        | 11.5         | CLOUDY           | NONE            |
| 1134         | 1.28                    | 3.84                           | 0.32             | 23.72                 | 5.20                | 24.31        | 155                       | 3.75        | 10.3         | CLOUDY           | NONE            |
| 1138         | 1.28                    | 5.12                           | 0.32             | 23.72                 | 5.28                | 24.34        | 150                       | 3.72        | 6.3          | CLEAR            | NONE            |
| 1142         | 1.28                    | 6.40                           | 0.32             | 23.72                 | 5.30                | 24.38        | 153                       | 3.63        | 3.1          | CLEAR            | NONE            |
| 1146         | 1.28                    | 7.68                           | 0.32             | 23.72                 | 5.27                | 24.43        | 148                       | 3.60        | 1.4          | CLEAR            | NONE            |
|              |                         |                                |                  |                       |                     |              |                           |             |              |                  |                 |

\*\*\*WATER LEVEL IS BELOW TOP OF PUMP.

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

## SAMPLING DATA

|                                |                  |                                  |                     |                       |            |                                 |                    |         |              |    |
|--------------------------------|------------------|----------------------------------|---------------------|-----------------------|------------|---------------------------------|--------------------|---------|--------------|----|
| SAMPLED BY (PRINT):            | WILFRED MARTFELD | Wilfred Martfeld                 | STARTED:            |                       | ENDED:     | 1146                            |                    |         |              |    |
| PUMP OR TUBING IN WELL (feet): |                  | SAMPLE PUMP FLOW RATE (ML/MIN.): | 1200                | TUBING MATERIAL CODE: |            | T                               |                    |         |              |    |
| FIELD DECONTAMINATION:         | YES              | NO                               | FILTER SIZE (UM):   |                       | DUPLICATE: | NO                              |                    |         |              |    |
| SAMPLE CONTAINER SPECIFICATION |                  |                                  | SAMPLE PRESERVATION |                       |            | INTENDED ANALYSIS and/or METHOD | BOTTLE             |         | EQUIP. CODE: |    |
| SAMPLE ID CODE:                | # CONTAINERS     | MATERIAL CODE                    | VOLUME (ML)         | PRESERVATIVE USED     | ml ADDED   | FINAL PH                        | DATE               | SERIES  |              |    |
| 4MW21                          | 1                | PE                               | 250                 | NONE                  | NONE       | N/A                             | CL,TDS,COLOR       | 8/9/10  | 06           | BP |
| 4MW21                          | 1                | PE                               | 250                 | H2SO4                 | 20DROPS    | <2                              | NH3,NO3            | 8/9/10  | 06           | BP |
| 4MW21                          | 2                | PE                               | 125                 | HNO3                  | 10DRODS    | <2                              | FE,HG,NA           | 7/26/10 | 04           | BP |
| 4MW21                          | 1                | PE                               | 250                 | HNO3                  | NONE       | <2                              | APP.I (ICP METALS) | N/A     | N/A          | BP |
| 4MW21                          | 2                | CG                               | 40                  | NONE                  | NONE       | N/A                             | APP.I (8011)       | N/A     | N/A          | BP |
| 4MW21                          | 4                | CG                               | 40                  | HCL                   | NONE       | <2                              | APP.I (8260)       | N/A     | N/A          | BP |
| 4MW21                          |                  |                                  |                     |                       |            |                                 |                    |         |              |    |

REMARKS NGVD=27.74

MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER

SAMPLING/PURGING APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump

RFPP=Reverse Flow

EQUIPMENT CODES: Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)

NOTES: 1. The above does 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 &lt;= 20% saturation (see Table FS 2200-2) Optionally, +/-0.2mg/L or +/-10%(whichever is greater) Turbidity: all readings &lt;20 NTU; optionally +/- 5NTU or +/- 10% (whichever is greater)

## GROUNDWATER SAMPLING LOG - PASCO COUNTY ENVIRONMENTAL LAB

|            |                         |                |                                       |       |                 |
|------------|-------------------------|----------------|---------------------------------------|-------|-----------------|
| SITE NAME: | WEST PASCO CLASS III LF | SITE LOCATION: | HAYS ROAD (28°22'24.97"/82°34'10.05") |       |                 |
| WELL NO.   |                         | SAMPLE ID:     | 4MW22                                 | DATE: | August 23, 2010 |

## PURGING DATA

|                       |                         |                                      |                              |                            |
|-----------------------|-------------------------|--------------------------------------|------------------------------|----------------------------|
| WELL DIAMETER(INCHES) | TUBING DIAMETER(INCHES) | WELL SCREEN INTERVAL DEPTH: ft to ft | STATIC DEPTH TO WATER (feet) | PURGE PUMP TYPE OR BAILER: |
| 2                     |                         | 30.3                                 | 45.3                         | BP                         |

WELL VOLUME PURGE: 1 WELL VOL.= (TWD-STATIC DEPTH TO WATER) X WELL CAPACITY

|      |       |               |       |               |      |                |        |
|------|-------|---------------|-------|---------------|------|----------------|--------|
| TWD: | 45.80 | STATIC WATER: | 27.22 | GALLONS/FOOT: | 0.16 | 1 WELL VOLUME= | 2.9728 |
|------|-------|---------------|-------|---------------|------|----------------|--------|

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL.= PUMP VOL. + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME

|                                              |  |                              |  |                       |  |                   |  |                                |  |
|----------------------------------------------|--|------------------------------|--|-----------------------|--|-------------------|--|--------------------------------|--|
| PUMP VOL (GAL):                              |  | TUBING CAP. (GAL)            |  | TUBING LENGTH-ft:     |  | FLOW CELLVOL.     |  | 1 EQ. VOL. PURGE:              |  |
| INITIAL PUMP OR TUBING DEPTH IN WELL (FEET): |  | TUBING DEPTH IN WELL (FEET): |  | PURGING INITIATED AT: |  | PURGING ENDED AT: |  | TOTAL VOLUME PURGED (GALLONS): |  |

|  |  |  |  |      |      |      |
|--|--|--|--|------|------|------|
|  |  |  |  | 1300 | 1310 | 8.91 |
|--|--|--|--|------|------|------|

| TIME (24 hr) | VOLUME PURGED (gallons) | CUMUL. VOLUME PURGED (gallons) | PURGE RATE (GPM) | DEPTH TO WATER (FEET) | Ph (standard units) | TEMP. (CEL.) | COND. (umhos/cm or uS/cm) | D.O. (mg/L) | TURB. (NTUs) | COLOR (describe) | ODOR (describe) |
|--------------|-------------------------|--------------------------------|------------------|-----------------------|---------------------|--------------|---------------------------|-------------|--------------|------------------|-----------------|
| 1310         | 2.97                    | 2.97                           | 0.32             | 27.22                 | 7.06                | 24.81        | 390                       | 0.92        | 23.6         | CLOUDY           | NONE            |
| 1315         | 1.49                    | 4.46                           | 0.32             | 27.22                 | 7.05                | 24.58        | 389                       | 1.21        | 20.0         | CLOUDY           | NONE            |
| 1320         | 1.49                    | 5.94                           | 0.32             | 27.22                 | 7.05                | 24.62        | 390                       | 1.06        | 19.3         | CLOUDY           | NONE            |
| 1325         | 1.49                    | 7.43                           | 0.32             | 27.22                 | 7.06                | 24.71        | 389                       | 0.92        | 18.0         | CLOUDY           | NONE            |
| 1330         | 1.49                    | 8.91                           | 0.32             | 27.22                 | 7.07                | 24.77        | 390                       | 0.94        | 1.2          | CLEAR            | NONE            |

\*\*\*WATER LEVEL IS BELOW TOP OF PUMP.

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

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

## SAMPLING DATA

|                                |                  |                                  |                     |                       |                                 |          |                    |         |              |    |
|--------------------------------|------------------|----------------------------------|---------------------|-----------------------|---------------------------------|----------|--------------------|---------|--------------|----|
| SAMPLED BY (PRINT):            | WILFRED MARTFELD | <i>Wilfred Martfeld</i>          | STARTED:            |                       | ENDED:                          | 1330     |                    |         |              |    |
| PUMP OR TUBING IN WELL (feet): |                  | SAMPLE PUMP FLOW RATE (ML/MIN.): | 1200                | TUBING MATERIAL CODE: | T                               |          |                    |         |              |    |
| FIELD DECONTAMINATION:         | YES              | FIELD FILTERED:                  | NO                  | FILTER SIZE (UM):     | DUPLICATE:                      | NO       |                    |         |              |    |
| SAMPLE CONTAINER SPECIFICATION |                  |                                  | SAMPLE PRESERVATION |                       | INTENDED ANALYSIS and/or METHOD | BOTTLE   |                    |         |              |    |
| SAMPLE ID CODE:                | # CONTAINERS     | MATERIAL CODE                    | VOLUME (ML)         | PRESERVATIVE USED     | ml ADDED                        | FINAL PH | DATE               | SERIES  | EQUIP. CODE: |    |
| 4MW22                          | 1                | PE                               | 250                 | NONE                  | NONE                            | N/A      | CL,TDS,COLOR       | 8/9/10  | 0006         | BP |
| 4MW22                          | 1                | PE                               | 250                 | H2SO4                 | 20DROPS                         | <2       | NH3,NO3            | 8/9/10  | 0006         | BP |
| 4MW22                          | 1                | PE                               | 250                 | HNO3                  | 20DROPS                         | <2       | FE,HG,NA           | 7/26/10 | 0004         | BP |
| 4MW22                          | 1                | PE                               | 250                 | HNO3                  | NONE                            | <2       | APP.I (ICP METALS) | N/A     | N/A          | BP |
| 4MW22                          | 2                | CG                               | 40                  | NONE                  | NONE                            | N/A      | APP.I (8011)       | N/A     | N/A          | BP |
| 4MW22                          | 4                | CG                               | 40                  | HCL                   | NONE                            | <2       | APP.I (8260)       | N/A     | N/A          | BP |
| 4MW22                          |                  |                                  |                     |                       |                                 |          |                    |         |              |    |

REMARKS NGVD= 26.22

MATERIAL CODES: AG=AMBER GLASS; CG=CLEAR GLASS; PE=POLYETHYLENE; PP=POLYPROPYLENE; S=SILICONE; T=TEFLON; O=OTHER

SAMPLING/PURGING APP=After Peristaltic Pump; B=Bailer; BP=Bladder Pump; ESP=Electric Submersible Pump; PP=Peristaltic Pump

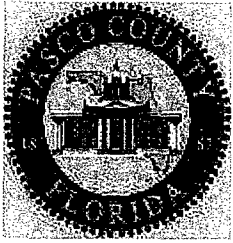
EQUIPMENT CODES: RFPP=Reverse Flow Peristaltic Pump; SM=Straw Method(Tube Gravity Drain); VT=Vacuum Trap; O=Other(Specify)

NOTES: 1. The above does 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 &lt;= 20% saturation (see Table FS 2200-2)

Optionally, +/- 0.2mg/L or +/- 10% (whichever is greater) Turbidity: all readings &lt;20 NTU; optionally +/- 5NTU or +/- 10% (whichever is greater)



**REPORT OF ANALYSIS**  
**PASCO COUNTY**  
**ENVIRONMENTAL LABORATORY**  
**8864 GOVERNMENT DRIVE**  
**NEW PORT RICHEY, FL 34654**

**Phone: (727) 847-8902**

**Fax: (727) 847-8112**

**NELAC ID: E44123**

**Laboratory Contact: Gloria Krueger**  
**Chris Childress**

**PREPARED FOR: RESOURCE RECOVERY CLASS I**  
**HAYS ROAD**  
**SHADY HILLS, FL**  
**ATTN: JOHN POWER**

**SAMPLE RECEIPT DATE: 09/29/2010**

**REPORT DATE: 3/11/2011**

**Data Release Authorization:**

The Methods of analysis in this report are in accordance with the laboratory's Quality Assurance Manual and meet all NELAC standards except where noted. Results pertain only to items tested and to the samples specified. This report may not be reproduced, except in full, without the written approval of this laboratory.

A handwritten signature in black ink, appearing to read "Gloria E. Krueger", written over a horizontal line.

**Laboratory Director**



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**NELAC Certification # E44123**  
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## DATA QUALIFIER CODES

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A   | Value reported is the mean (average) of two or more determinations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| B   | Results based upon colony counts outside the acceptable range. This code applies to microbiological tests, specifically to membrane filter colony counts, and is used only if the colony count is generated from a plate in which the total number of coliform colonies <u>exceeds</u> the method indicated ideal ranges.                                                                                                                                                                                                                            |
| C   | Analysis performed by contract laboratory                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| F   | When reporting species, this code indicates the female sex.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| H   | Holiday                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| I   | The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| J   | Estimated value, may not be accurate. Use of this code requires justification for its use and is used in the following situations: <ol style="list-style-type: none"><li>1. Exceeding of surrogate recovery limits</li><li>2. Existence of no quality control criteria for a component</li><li>3. Failure to meet established precision and accuracy criteria</li><li>4. Matrix interference</li><li>5. Questionable data due to improper field or lab protocols</li></ol> "J" Values are exclusive and are not used in conjunction with other codes |
| K   | Indicates off scale low and the actual value is known to be less than the value listed. Used if the value is less than the lowest calibration standard when the calibration curve is known to be non-linear. Can also be used if the actual value is known to be less than the reported value based on sample size, dilution.                                                                                                                                                                                                                        |
| L   | Off scale high and the actual value is known to be greater than the reported value. Used when the sample concentration of the analyte exceeds the linear range or highest calibration standard and the calibration curve is known to exhibit a negative deflection.                                                                                                                                                                                                                                                                                  |
| M   | To be used for chemical analysis: the presence of the analyte is verified but not quantified and the actual value is less than the value reported.                                                                                                                                                                                                                                                                                                                                                                                                   |
| N   | Presumptive evidence of presence of compound. To be used when the compound has been determined by TIC (mass spectral library search) or if presence of the compound cannot be confirmed using alternate procedures.                                                                                                                                                                                                                                                                                                                                  |
| O   | Indicates analysis was lost or not performed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Q   | Analyzed after holding time expired                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| R   | Re-sample                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| T   | Reported value is less than the laboratory method detection limit. The value is reported for informational purposes only and is not used in statistical analysis.                                                                                                                                                                                                                                                                                                                                                                                    |
| U   | Less than the method detection limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| V   | Blank contamination. Results are valid and can be reported                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| X   | Time of collection not provided                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Y   | Laboratory analysis was performed on sample, which was unpreserved or improperly preserved, therefore, the data may be inaccurate.                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Z   | Too many colonies present. (TNTC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| %   | Below FDEP limits.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| *   | Analysis was not performed due to interference                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| #   | No sample received                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ?   | Indicates that the data should not be used since some or all quality control data for the analyte fall outside limits and the presence or absence of the analyte determined from the data                                                                                                                                                                                                                                                                                                                                                            |
| "-" | no data reported                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

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| Parameter                        | Method      | Results | Units     | Qualifier           | Date / Time Analyzed | MDL           | PQL              | Analyst |
|----------------------------------|-------------|---------|-----------|---------------------|----------------------|---------------|------------------|---------|
| <b>Sample ID 4MW27D @ RESREC</b> |             |         |           |                     |                      |               |                  |         |
| Sample Number                    | AB53678     |         |           |                     |                      | Sample Matrix | AQUEOUS-Groundwa |         |
| Date Sampled                     | 09/29/2010  |         |           |                     |                      | Time Sampled  | 12:28            |         |
| Date Received                    | 09/29/2010  |         |           |                     |                      | Received By   | CC               |         |
| Time Received                    | 16:30       |         |           |                     |                      | Sample Type   | SP               |         |
|                                  |             |         |           | <b>Sampler</b>      | <b>WMM</b>           |               |                  |         |
|                                  |             |         |           | <b>Delivered By</b> | <b>WMM</b>           |               |                  |         |
| Color by Observation             | Observation | CLEAR   | ObsColorD |                     | 09/29/2010 12:28     | 0             |                  | WMM     |
| Total Dissolved Solids           | SM 2540 C   | 156     | mg/L      |                     | 10/08/2010 10:00     | 9.89          | 9.89             | SER     |
| Chloride                         | EPA 300.0   | 6.80    | mg/L      |                     | 10/07/2010 12:00     | 0.13          | 0.50             | AS      |

|                                    |               |       |           |                     |                  |               |                  |     |
|------------------------------------|---------------|-------|-----------|---------------------|------------------|---------------|------------------|-----|
| <b>Sample ID 4MW3A @ CLASS III</b> |               |       |           |                     |                  |               |                  |     |
| Sample Number                      | AB51970       |       |           |                     |                  | Sample Matrix | AQUEOUS-Groundwa |     |
| Date Sampled                       | 08/23/2010    |       |           |                     |                  | Time Sampled  | 09:20            |     |
| Date Received                      | 08/23/2010    |       |           |                     |                  | Received By   | KS               |     |
| Time Received                      | 14:30         |       |           |                     |                  | Sample Type   | SP               |     |
|                                    |               |       |           | <b>Sampler</b>      | <b>WMM</b>       |               |                  |     |
|                                    |               |       |           | <b>Delivered By</b> | <b>WMM</b>       |               |                  |     |
| Conductivity Field                 | FDEP FT 1200  | 348   | umhos/cmD |                     | 08/23/2010 09:20 | 1             | 1                | WMM |
| Dissolved Oxygen Field             | FDEP FT 1500  | 0.87  | mg/L      | D                   | 08/23/2010 09:20 | 0.1           | 0.4              | WMM |
| pH Field                           | FDEP FT 1100  | 7.20  | Std Units | D                   | 08/23/2010 09:20 | 0.10          | 0.10             | WMM |
| Temperature Field                  | FDEP FT 1400  | 23.91 | Deg C     | D                   | 08/23/2010 09:20 | 0.00          | 0.00             | WMM |
| Turbidity Field                    | FDEP FT 1600  | 0.0   | NTU       | D                   | 08/23/2010 09:20 | 0.00          | 0.01             | WMM |
| Water Level (NGVD)                 | DEP-SOP       | 25.54 | Ft.       | D                   | 08/23/2010 09:20 | 0             |                  | WMM |
| Iron (Fe)                          | EPA 200.7     | 162   | ug/L      |                     | 08/26/2010 12:20 | 2             | 6                | TER |
| Mercury                            | SM 3112 B     | 0.2   | ug/L      | U                   | 08/31/2010 10:45 | 0.2           | 0.6              | TER |
| Ammonia (N)                        | SM 4500-NH3 G | 0.16  | mg/L      | I                   | 09/15/2010 12:00 | 0.04          | 0.20             | IF  |
| Color by Observation               | Observation   | CLEAR | ObsColorD |                     | 08/23/2010 09:20 | 0             |                  | WMM |
| Total Dissolved Solids             | SM 2540 C     | 200   | mg/L      |                     | 09/01/2010 13:30 | 9.89          | 9.89             | SER |
| Chloride                           | EPA 300.0     | 22.8  | mg/L      |                     | 08/26/2010 02:30 | 0.13          | 0.50             | AS  |

|                                |               |       |           |                     |                  |               |                  |     |
|--------------------------------|---------------|-------|-----------|---------------------|------------------|---------------|------------------|-----|
| <b>Sample ID 4MW4 @ RESREC</b> |               |       |           |                     |                  |               |                  |     |
| Sample Number                  | AB53616       |       |           |                     |                  | Sample Matrix | AQUEOUS-Groundwa |     |
| Date Sampled                   | 09/28/2010    |       |           |                     |                  | Time Sampled  | 09:45            |     |
| Date Received                  | 09/28/2010    |       |           |                     |                  | Received By   | CF               |     |
| Time Received                  | 16:00         |       |           |                     |                  | Sample Type   | SP               |     |
|                                |               |       |           | <b>Sampler</b>      | <b>WMM</b>       |               |                  |     |
|                                |               |       |           | <b>Delivered By</b> | <b>WMM</b>       |               |                  |     |
| Conductivity Field             | FDEP FT 1200  | 389   | umhos/cmD |                     | 09/28/2010 09:45 | 1             | 1                | WMM |
| Dissolved Oxygen Field         | FDEP FT 1500  | 1.41  | mg/L      | D                   | 09/28/2010 09:45 | 0.1           | 0.4              | WMM |
| pH Field                       | FDEP FT 1100  | 7.49  | Std Units | D                   | 09/28/2010 09:45 | 0.10          | 0.10             | WMM |
| Temperature Field              | FDEP FT 1400  | 25.10 | Deg C     | D                   | 09/28/2010 09:45 | 0.00          | 0.00             | WMM |
| Turbidity Field                | FDEP FT 1600  | 0.0   | NTU       | D                   | 09/28/2010 09:45 | 0.00          | 0.01             | WMM |
| Water Level (NGVD)             | DEP-SOP       | 25.39 | Ft.       | D                   | 09/28/2010 09:45 | 0             |                  | WMM |
| Iron (Fe)                      | EPA 200.7     | 17.1  | ug/L      |                     | 10/01/2010 12:30 | 2             | 6                | TER |
| Mercury                        | SM 3112 B     | 0.2   | ug/L      | U                   | 10/04/2010 13:00 | 0.2           | 0.6              | TER |
| Ammonia (N)                    | SM 4500-NH3 G | 0.04  | mg/L      | U                   | 10/13/2010 16:00 | 0.04          | 0.20             | IF  |
| Color by Observation           | Observation   | CLEAR | ObsColorD |                     | 09/28/2010 09:45 | 0             |                  | WMM |
| Total Dissolved Solids         | SM 2540 C     | 252   | mg/L      |                     | 10/08/2010 10:00 | 9.89          | 9.89             | SER |
| Chloride                       | EPA 300.0     | 17.4  | mg/L      |                     | 09/29/2010 10:00 | 0.13          | 0.50             | AS  |

**Sample ID 4MW5 @ RESREC**



| Parameter              | Method        | Results | Units        | Qualifier | Date / Time Analyzed | MDL           | PQL              | Analyst |
|------------------------|---------------|---------|--------------|-----------|----------------------|---------------|------------------|---------|
| <hr/>                  |               |         |              |           |                      |               |                  |         |
| Sample ID              | 4MW5 @ RESREC |         |              |           |                      |               |                  |         |
| Sample Number          | AB53672       |         |              |           |                      | Sample Matrix | AQUEOUS-Groundwa |         |
| Date Sampled           | 09/29/2010    |         |              |           |                      | Time Sampled  | 10:01            |         |
| Date Received          | 09/29/2010    |         |              |           |                      | Received By   | CC               |         |
| Time Received          | 16:30         |         |              |           |                      | Sample Type   | SP               |         |
|                        |               |         | Sampler      | WMM       |                      |               |                  |         |
|                        |               |         | Delivered By | WMM       |                      |               |                  |         |
| Conductivity Field     | FDEP FT 1200  | 557     | umhos/cmD    |           | 09/29/2010 10:01     | 1             | 1                | WMM     |
| Dissolved Oxygen Field | FDEP FT 1500  | 1.61    | mg/L         | D         | 09/29/2010 10:01     | 0.1           | 0.4              | WMM     |
| pH Field               | FDEP FT 1100  | 7.47    | Std Units    | D         | 09/29/2010 10:01     | 0.10          | 0.10             | WMM     |
| Temperature Field      | FDEP FT 1400  | 23.99   | Deg C        | D         | 09/29/2010 10:01     | 0.00          | 0.00             | WMM     |
| Turbidity Field        | FDEP FT 1600  | 0.0     | NTU          | D         | 09/29/2010 10:01     | 0.00          | 0.01             | WMM     |
| Water Level (NGVD)     | DEP-SOP       | 26.35   | Ft.          | D         | 09/29/2010 10:01     | 0             |                  | WMM     |
| Iron (Fe)              | EPA 200.7     | 2.0     | ug/L         | U         | 10/01/2010 12:30     | 2             | 6                | TER     |
| Mercury                | SM 3112 B     | 0.2     | ug/L         | U         | 10/04/2010 13:00     | 0.2           | 0.6              | TER     |
| Ammonia (N)            | SM 4500-NH3 G | 0.04    | mg/L         | U         | 10/13/2010 16:00     | 0.04          | 0.20             | IF      |
| Color by Observation   | Observation   | CLEAR   | ObsColorD    |           | 09/29/2010 10:01     | 0             |                  | WMM     |
| Total Dissolved Solids | SM 2540 C     | 398     | mg/L         |           | 10/08/2010 10:00     | 9.89          | 9.89             | SER     |
| Chloride               | EPA 300.0     | 82.1    | mg/L         |           | 10/07/2010 12:00     | 0.13          | 0.50             | AS      |

|                        |               |       |              |     |                  |               |                  |     |
|------------------------|---------------|-------|--------------|-----|------------------|---------------|------------------|-----|
| <hr/>                  |               |       |              |     |                  |               |                  |     |
| Sample ID              | 4MW6 @ RESREC |       |              |     |                  |               |                  |     |
| Sample Number          | AB53555       |       |              |     |                  | Sample Matrix | AQUEOUS-Groundwa |     |
| Date Sampled           | 09/27/2010    |       |              |     |                  | Time Sampled  | 13:54            |     |
| Date Received          | 09/27/2010    |       |              |     |                  | Received By   | KS               |     |
| Time Received          | 16:10         |       |              |     |                  | Sample Type   | SP               |     |
|                        |               |       | Sampler      | WMM |                  |               |                  |     |
|                        |               |       | Delivered By | WMM |                  |               |                  |     |
| Conductivity Field     | FDEP FT 1200  | 137   | umhos/cmD    |     | 09/27/2010 13:54 | 1             | 1                | WMM |
| Dissolved Oxygen Field | FDEP FT 1500  | 5.57  | mg/L         | D   | 09/27/2010 13:54 | 0.1           | 0.4              | WMM |
| pH Field               | FDEP FT 1100  | 7.85  | Std Units    | D   | 09/27/2010 13:54 | 0.10          | 0.10             | WMM |
| Temperature Field      | FDEP FT 1400  | 26.11 | Deg C        | D   | 09/27/2010 13:54 | 0.00          | 0.00             | WMM |
| Turbidity Field        | FDEP FT 1600  | 5.0   | NTU          | D   | 09/27/2010 13:54 | 0.00          | 0.01             | WMM |
| Water Level (NGVD)     | DEP-SOP       | 29.46 | Ft.          | D   | 09/27/2010 13:54 | 0             |                  | WMM |
| Iron (Fe)              | EPA 200.7     | 2.0   | ug/L         | U   | 09/29/2010 12:15 | 2             | 6                | TER |
| Mercury                | SM 3112 B     | 0.2   | ug/L         | U   | 10/04/2010 12:00 | 0.2           | 0.6              | TER |
| Ammonia (N)            | SM 4500-NH3 G | 0.04  | mg/L         | U   | 10/13/2010 16:00 | 0.04          | 0.20             | IF  |
| Color by Observation   | Observation   | CLEAR | ObsColorD    |     | 09/27/2010 13:54 | 0             |                  | WMM |
| Total Dissolved Solids | SM 2540 C     | 86.0  | mg/L         |     | 10/08/2010 10:00 | 9.89          | 9.89             | SER |
| Chloride               | EPA 300.0     | 4.61  | mg/L         |     | 09/29/2010 10:00 | 0.13          | 0.50             | AS  |

|                        |                  |       |              |     |                  |               |                  |     |
|------------------------|------------------|-------|--------------|-----|------------------|---------------|------------------|-----|
| <hr/>                  |                  |       |              |     |                  |               |                  |     |
| Sample ID              | 4MW7 @ CLASS III |       |              |     |                  |               |                  |     |
| Sample Number          | AB52011          |       |              |     |                  | Sample Matrix | AQUEOUS-Groundwa |     |
| Date Sampled           | 08/24/2010       |       |              |     |                  | Time Sampled  | 13:10            |     |
| Date Received          | 08/24/2010       |       |              |     |                  | Received By   | CF               |     |
| Time Received          | 15:00            |       |              |     |                  | Sample Type   | SP               |     |
|                        |                  |       | Sampler      | WMM |                  |               |                  |     |
|                        |                  |       | Delivered By | WMM |                  |               |                  |     |
| Conductivity Field     | FDEP FT 1200     | 285   | umhos/cmD    |     | 08/24/2010 13:10 | 1             | 1                | WMM |
| Dissolved Oxygen Field | FDEP FT 1500     | 1.55  | mg/L         | D   | 08/24/2010 13:10 | 0.1           | 0.4              | WMM |
| pH Field               | FDEP FT 1100     | 7.29  | Std Units    | D   | 08/24/2010 13:10 | 0.10          | 0.10             | WMM |
| Temperature Field      | FDEP FT 1400     | 23.44 | Deg C        | D   | 08/24/2010 13:10 | 0.00          | 0.00             | WMM |
| Turbidity Field        | FDEP FT 1600     | 1.3   | NTU          | D   | 08/24/2010 13:10 | 0.00          | 0.01             | WMM |
| Water Level (NGVD)     | DEP-SOP          | 28.54 | Ft.          | D   | 08/24/2010 13:10 | 0             |                  | WMM |
| Iron (Fe)              | EPA 200.7        | 3.6   | ug/L         | I   | 08/26/2010 12:20 | 2             | 6                | TER |
| Mercury                | SM 3112 B        | 0.2   | ug/L         | U   | 08/31/2010 10:45 | 0.2           | 0.6              | TER |
| Ammonia (N)            | SM 4500-NH3 G    | 0.04  | mg/L         | U   | 09/15/2010 12:00 | 0.04          | 0.20             | IF  |

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| Parameter                         | Method      | Results | Units     | Qualifier           | Date / Time Analyzed | MDL           | PQL              | Analyst |
|-----------------------------------|-------------|---------|-----------|---------------------|----------------------|---------------|------------------|---------|
| <b>Sample ID 4MW7 @ CLASS III</b> |             |         |           |                     |                      |               |                  |         |
| Sample Number                     | AB52011     |         |           |                     |                      | Sample Matrix | AQUEOUS-Groundwa |         |
| Date Sampled                      | 08/24/2010  |         |           |                     |                      | Time Sampled  | 13:10            |         |
| Date Received                     | 08/24/2010  |         |           |                     |                      | Received By   | CF               |         |
| Time Received                     | 15:00       |         |           |                     |                      | Sample Type   | SP               |         |
|                                   |             |         |           | <b>Sampler</b>      | <b>WMM</b>           |               |                  |         |
|                                   |             |         |           | <b>Delivered By</b> | <b>WMM</b>           |               |                  |         |
| Color by Observation              | Observation | CLEAR   | ObsColorD |                     | 08/24/2010 13:10     | 0             |                  | WMM     |
| Total Dissolved Solids            | SM 2540 C   | 170     | mg/L      |                     | 09/01/2010 13:30     | 9.89          | 9.89             | SER     |
| Chloride                          | EPA 300.0   | 10.1    | mg/L      |                     | 08/26/2010 02:30     | 0.13          | 0.50             | AS      |

|                                   |               |       |           |                     |                  |               |                  |     |
|-----------------------------------|---------------|-------|-----------|---------------------|------------------|---------------|------------------|-----|
| <b>Sample ID 4MW8 @ CLASS III</b> |               |       |           |                     |                  |               |                  |     |
| Sample Number                     | AB52012       |       |           |                     |                  | Sample Matrix | AQUEOUS-Groundwa |     |
| Date Sampled                      | 08/24/2010    |       |           |                     |                  | Time Sampled  | 10:40            |     |
| Date Received                     | 08/24/2010    |       |           |                     |                  | Received By   | CF               |     |
| Time Received                     | 15:00         |       |           |                     |                  | Sample Type   | SP               |     |
|                                   |               |       |           | <b>Sampler</b>      | <b>WMM</b>       |               |                  |     |
|                                   |               |       |           | <b>Delivered By</b> | <b>WMM</b>       |               |                  |     |
| Conductivity Field                | FDEP FT 1200  | 332   | umhos/cmD |                     | 08/24/2010 10:40 | 1             | 1                | WMM |
| Dissolved Oxygen Field            | FDEP FT 1500  | 1.51  | mg/L      | D                   | 08/24/2010 10:40 | 0.1           | 0.4              | WMM |
| pH Field                          | FDEP FT 1100  | 6.96  | Std Units | D                   | 08/24/2010 10:40 | 0.10          | 0.10             | WMM |
| Temperature Field                 | FDEP FT 1400  | 23.73 | Deg C     | D                   | 08/24/2010 10:40 | 0.00          | 0.00             | WMM |
| Turbidity Field                   | FDEP FT 1600  | 0.0   | NTU       | D                   | 08/24/2010 10:40 | 0.00          | 0.01             | WMM |
| Water Level (NGVD)                | DEP-SOP       | 27.87 | Ft.       | D                   | 08/24/2010 10:40 | 0             |                  | WMM |
| Iron (Fe)                         | EPA 200.7     | 2.7   | ug/L      | I                   | 08/26/2010 12:20 | 2             | 6                | TER |
| Mercury                           | SM 3112 B     | 0.2   | ug/L      | U                   | 08/31/2010 10:45 | 0.2           | 0.6              | TER |
| Ammonia (N)                       | SM 4500-NH3 G | 0.04  | mg/L      | U                   | 09/15/2010 12:00 | 0.04          | 0.20             | IF  |
| Color by Observation              | Observation   | CLEAR | ObsColorD |                     | 08/24/2010 10:40 | 0             |                  | WMM |
| Total Dissolved Solids            | SM 2540 C     | 180   | mg/L      |                     | 09/01/2010 13:30 | 9.89          | 9.89             | SER |
| Chloride                          | EPA 300.0     | 10.7  | mg/L      |                     | 08/26/2010 02:30 | 0.13          | 0.50             | AS  |

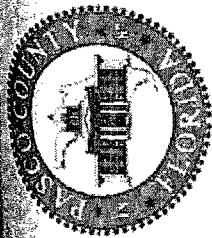
|                                   |               |       |           |                     |                  |               |                  |     |
|-----------------------------------|---------------|-------|-----------|---------------------|------------------|---------------|------------------|-----|
| <b>Sample ID 4MW9 @ CLASS III</b> |               |       |           |                     |                  |               |                  |     |
| Sample Number                     | AB51971       |       |           |                     |                  | Sample Matrix | AQUEOUS-Groundwa |     |
| Date Sampled                      | 08/23/2010    |       |           |                     |                  | Time Sampled  | 10:46            |     |
| Date Received                     | 08/23/2010    |       |           |                     |                  | Received By   | KS               |     |
| Time Received                     | 14:30         |       |           |                     |                  | Sample Type   | SP               |     |
|                                   |               |       |           | <b>Sampler</b>      | <b>WMM</b>       |               |                  |     |
|                                   |               |       |           | <b>Delivered By</b> | <b>WMM</b>       |               |                  |     |
| Conductivity Field                | FDEP FT 1200  | 369   | umhos/cmD |                     | 08/23/2010 10:46 | 1             | 1                | WMM |
| Dissolved Oxygen Field            | FDEP FT 1500  | 0.75  | mg/L      | D                   | 08/23/2010 10:46 | 0.1           | 0.4              | WMM |
| pH Field                          | FDEP FT 1100  | 7.14  | Std Units | D                   | 08/23/2010 10:46 | 0.10          | 0.10             | WMM |
| Temperature Field                 | FDEP FT 1400  | 24.11 | Deg C     | D                   | 08/23/2010 10:46 | 0.00          | 0.00             | WMM |
| Turbidity Field                   | FDEP FT 1600  | 0.7   | NTU       | D                   | 08/23/2010 10:46 | 0.00          | 0.01             | WMM |
| Water Level (NGVD)                | DEP-SOP       | 26.18 | Ft.       | D                   | 08/23/2010 10:46 | 0             |                  | WMM |
| Iron (Fe)                         | EPA 200.7     | 2.0   | ug/L      | U                   | 08/26/2010 12:20 | 2             | 6                | TER |
| Mercury                           | SM 3112 B     | 0.2   | ug/L      | U                   | 08/31/2010 10:45 | 0.2           | 0.6              | TER |
| Ammonia (N)                       | SM 4500-NH3 G | 0.04  | mg/L      | U                   | 09/15/2010 12:00 | 0.04          | 0.20             | IF  |
| Color by Observation              | Observation   | CLEAR | ObsColorD |                     | 08/23/2010 10:46 | 0             |                  | WMM |
| Total Dissolved Solids            | SM 2540 C     | 230   | mg/L      |                     | 09/01/2010 13:30 | 9.89          | 9.89             | SER |
| Chloride                          | EPA 300.0     | 24.2  | mg/L      |                     | 08/26/2010 02:30 | 0.13          | 0.50             | AS  |

**Sample ID A1 PRIMARY TANK @ RESREC**



| Parameter                                   | Method        | Results | Units     | Qualifier    | Date / Time Analyzed | MDL           | PQL              | Analyst |
|---------------------------------------------|---------------|---------|-----------|--------------|----------------------|---------------|------------------|---------|
| <b>Sample ID A2 SECONDARY TANK @ RESREC</b> |               |         |           |              |                      |               |                  |         |
| Sample Number                               | AB52650       |         |           |              |                      | Sample Matrix | AQUEOUS-Other    |         |
| Date Sampled                                | 09/07/2010    |         |           |              |                      | Time Sampled  | 14:00            |         |
| Date Received                               | 09/07/2010    |         |           |              |                      | Received By   | KS               |         |
| Time Received                               | 15:30         |         |           |              |                      | Sample Type   | PP               |         |
|                                             |               |         |           | Sampler      | WMM                  |               |                  |         |
|                                             |               |         |           | Delivered By | WMM                  |               |                  |         |
| Mercury                                     | SM 3112 B     | 0.2     | ug/L      | U            | 09/14/2010 12:30     | 0.2           | 0.6              | TER     |
| Ammonia (N)                                 | SM 4500-NH3 G | 0.06    | mg/L      | I            | 09/15/2010 12:00     | 0.04          | 0.20             | IF      |
| Color by Observation                        | Observation   | CLEAR   | ObsColorD |              | 09/07/2010 14:00     | 0             |                  | WMM     |
| Total Dissolved Solids                      | SM 2540 C     | 3240    | mg/L      |              | 09/20/2010 11:15     | 9.89          | 9.89             | SER     |
| Alkalinity                                  | SM 2320 B     | 304     | mg/L      |              | 09/13/2010 15:10     | 0.62          | 2.5              | AS      |
| Chloride                                    | SM 4500-Cl- E | 1647    | mg/L      |              | 09/13/2010 15:00     | 0.38          | 1.14             | SER     |
| Sulfate                                     | EPA 300.0     | 152     | mg/L      |              | 09/16/2010 16:23     | 0.230         | 0.75             | AS      |
| <b>Sample ID 4MW21 @ CLASS III</b>          |               |         |           |              |                      |               |                  |         |
| Sample Number                               | AB52013       |         |           |              |                      | Sample Matrix | AQUEOUS-Groundwa |         |
| Date Sampled                                | 08/24/2010    |         |           |              |                      | Time Sampled  | 11:46            |         |
| Date Received                               | 08/24/2010    |         |           |              |                      | Received By   | CF               |         |
| Time Received                               | 15:00         |         |           |              |                      | Sample Type   | SP               |         |
|                                             |               |         |           | Sampler      | WMM                  |               |                  |         |
|                                             |               |         |           | Delivered By | WMM                  |               |                  |         |
| Conductivity Field                          | FDEP FT 1200  | 148     | umhos/cmD |              | 08/24/2010 11:46     | 1             | 1                | WMM     |
| Dissolved Oxygen Field                      | FDEP FT 1500  | 3.60    | mg/L      | D            | 08/24/2010 11:46     | 0.1           | 0.4              | WMM     |
| pH Field                                    | FDEP FT 1100  | 5.27    | Std Units | D            | 08/24/2010 11:46     | 0.10          | 0.10             | WMM     |
| Temperature Field                           | FDEP FT 1400  | 24.43   | Deg C     | D            | 08/24/2010 11:46     | 0.00          | 0.00             | WMM     |
| Turbidity Field                             | FDEP FT 1600  | 1.4     | NTU       | D            | 08/24/2010 11:46     | 0.00          | 0.01             | WMM     |
| Water Level (NGVD)                          | DEP-SOP       | 27.74   | Ft.       | D            | 08/24/2010 11:46     | 0             |                  | WMM     |
| Iron (Fe)                                   | EPA 200.7     | 73.0    | ug/L      |              | 08/26/2010 12:20     | 2             | 6                | TER     |
| Mercury                                     | SM 3112 B     | 0.2     | ug/L      | U            | 08/31/2010 10:45     | 0.2           | 0.6              | TER     |
| Ammonia (N)                                 | SM 4500-NH3 G | 0.17    | mg/L      | I            | 09/15/2010 12:00     | 0.04          | 0.20             | IF      |
| Color by Observation                        | Observation   | CLEAR   | ObsColorD |              | 08/24/2010 11:46     | 0             |                  | WMM     |
| Total Dissolved Solids                      | SM 2540 C     | 160     | mg/L      |              | 09/01/2010 13:30     | 9.89          | 9.89             | SER     |
| Chloride                                    | EPA 300.0     | 20.4    | mg/L      |              | 08/26/2010 02:30     | 0.13          | 0.50             | AS      |
| <b>Sample ID 4MW22 @ CLASS III</b>          |               |         |           |              |                      |               |                  |         |
| Sample Number                               | AB51972       |         |           |              |                      | Sample Matrix | AQUEOUS-Groundwa |         |
| Date Sampled                                | 08/23/2010    |         |           |              |                      | Time Sampled  | 13:30            |         |
| Date Received                               | 08/23/2010    |         |           |              |                      | Received By   | KS               |         |
| Time Received                               | 14:30         |         |           |              |                      | Sample Type   | SP               |         |
|                                             |               |         |           | Sampler      | WMM                  |               |                  |         |
|                                             |               |         |           | Delivered By | WMM                  |               |                  |         |
| Conductivity Field                          | FDEP FT 1200  | 390     | umhos/cmD |              | 08/23/2010 13:30     | 1             | 1                | WMM     |
| Dissolved Oxygen Field                      | FDEP FT 1500  | 0.94    | mg/L      | D            | 08/23/2010 13:30     | 0.1           | 0.4              | WMM     |
| pH Field                                    | FDEP FT 1100  | 7.07    | Std Units | D            | 08/23/2010 13:30     | 0.10          | 0.10             | WMM     |
| Temperature Field                           | FDEP FT 1400  | 24.77   | Deg C     | D            | 08/23/2010 13:30     | 0.00          | 0.00             | WMM     |
| Turbidity Field                             | FDEP FT 1600  | 1.2     | NTU       | D            | 08/23/2010 13:30     | 0.00          | 0.01             | WMM     |
| Water Level (NGVD)                          | DEP-SOP       | 26.22   | Ft.       | D            | 08/23/2010 13:30     | 0             |                  | WMM     |
| Iron (Fe)                                   | EPA 200.7     | 70.8    | ug/L      |              | 08/26/2010 12:20     | 2             | 6                | TER     |
| Mercury                                     | SM 3112 B     | 0.2     | ug/L      | U            | 08/31/2010 10:45     | 0.2           | 0.6              | TER     |
| Ammonia (N)                                 | SM 4500-NH3 G | 0.06    | mg/L      | I            | 09/15/2010 12:00     | 0.04          | 0.20             | IF      |
| Color by Observation                        | Observation   | CLEAR   | ObsColorD |              | 08/23/2010 13:30     | 0             |                  | WMM     |
| Total Dissolved Solids                      | SM 2540 C     | 260     | mg/L      |              | 09/01/2010 13:30     | 9.89          | 9.89             | SER     |
| Chloride                                    | EPA 300.0     | 19.3    | mg/L      |              | 08/26/2010 02:30     | 0.13          | 0.50             | AS      |
| <b>Sample ID SW1 PRIMARY TANK @ RESREC</b>  |               |         |           |              |                      |               |                  |         |

THIS DOCUMENT MEETS NELAC STANDARDS  
NELAC Certification # E44123



Pasco County Environmental Laboratory  
8864 Government Dr.  
New Port Richey, FL 34654  
Phone : (727)-847-8902

# Chain Of Custody

Login Record Number: 2010-08-23-005

Site Address:

West Pasco Class III Landfill  
Hays Road  
Shady Hills, FL

Project Name: PASCO COUNT

PERMIT\_NO: 26254-001-SO/T3

Matrix: AQUEOUS-Groundwater

*Let*

Delivered By: WMM LMD Received By: KS Recieved Date: 08/23/2010 2:30:0

Sample Collector: WMM

| Sample Number: | Collection Date/Time: | Location Code | Location Description | Analysis Ordered |
|----------------|-----------------------|---------------|----------------------|------------------|
| AB51970        | 08/23/2010 9:20:00 A  | 4MW3A         | 4MW3A @ CLASS III    | NO3              |
| AB51970        | 08/23/2010 9:20:00 A  | 4MW3A         | 4MW3A @ CLASS III    | FETICP HG NAICP  |
| AB51970        | 08/23/2010 9:20:00 A  | 4MW3A         | 4MW3A @ CLASS III    | AMMAUT           |
| AB51970        | 08/23/2010 9:20:00 A  | 4MW3A         | 4MW3A @ CLASS III    | CLIC TDS         |
| AB51971        | 08/23/2010 10:46:00 A | 4MW9          | 4MW9 @ CLASS III     | NO3              |
| AB51971        | 08/23/2010 10:46:00 A | 4MW9          | 4MW9 @ CLASS III     | FETICP HG NAICP  |
| AB51971        | 08/23/2010 10:46:00 A | 4MW9          | 4MW9 @ CLASS III     | AMMAUT           |
| AB51971        | 08/23/2010 10:46:00 A | 4MW9          | 4MW9 @ CLASS III     | CLIC TDS         |
| AB51972        | 08/23/2010 1:30:00 P  | CLASSIIIGWM4M | 4MW22 @ CLASS III    | NO3              |
| AB51972        | 08/23/2010 1:30:00 P  | CLASSIIIGWM4M | 4MW22 @ CLASS III    | FETICP HG NAICP  |

Comments:

Project Name: PASCO COUNT  
PERMIT\_NO: 26254-001-SO/T3  
Matrix: AQUEOUS-Groundwater

*POS*

Sample Collector: WMM

Delivered By: WMM *KS* Recieved Date: 08/23/2010 2:30:0

Recieved By: KS

*KS*

Site Address: West Pasco Class III Landfill  
Hays Road  
Shady Hills, FL

| Sample Number: | Collection Date/Time: | Location Code  | Location Description | Analysis Ordered |
|----------------|-----------------------|----------------|----------------------|------------------|
| AB51972        | 08/23/2010 1:30:00 P  | CLASSIIIIGWM4M | 4MW22 @ CLASS III    | AMMAUT           |
| AB51972        | 08/23/2010 1:30:00 P  | CLASSIIIIGWM4M | 4MW22 @ CLASS III    | CLIC TDS         |

Comments:

# Chain Of Custody

Login Record Number: 2010-08-24-002

Site Address: West Pasco Class III Landfill  
Hays Road  
Shady Hills, FL

8864 Government Dr  
New Port Richey, FL 34654  
Phone: (727) 847-8902

Project Name: PASCO COUNT  
PERMIT\_NO: 26254-001-SO/T3  
Matrix: AQUEOUS-Groundwater

2010

Received Date: 08/24/2010 3:00:0

Delivered By: WMM WMM Received By: CF CF

Sample Collector: WMM

| Sample Number | Collection Date/Time  | Location Code | Location Description | Analysis Ordered |
|---------------|-----------------------|---------------|----------------------|------------------|
| AB52011       | 08/24/2010 1:10:00 P  | 4MW7          | 4MW7 @ CLASS III     | NO3              |
| AB52011       | 08/24/2010 1:10:00 P  | 4MW7          | 4MW7 @ CLASS III     | FE HG NAICP      |
| AB52011       | 08/24/2010 1:10:00 P  | 4MW7          | 4MW7 @ CLASS III     | AMMAUT           |
| AB52011       | 08/24/2010 1:10:00 P  | 4MW7          | 4MW7 @ CLASS III     | CLIC TDS         |
| AB52012       | 08/24/2010 10:40:00 A | 4MW8          | 4MW8 @ CLASS III     | NO3              |
| AB52012       | 08/24/2010 10:40:00 A | 4MW8          | 4MW8 @ CLASS III     | FE HG NAICP      |
| AB52012       | 08/24/2010 10:40:00 A | 4MW8          | 4MW8 @ CLASS III     | AMMAUT           |
| AB52012       | 08/24/2010 10:40:00 A | 4MW8          | 4MW8 @ CLASS III     | CLIC TDS         |
| AB52013       | 08/24/2010 11:46:00 A | CLASSIIIGWM4M | 4MW21 @ CLASS III    | NO3              |
| AB52013       | 08/24/2010 11:46:00 A | CLASSIIIGWM4M | 4MW21 @ CLASS III    | FE HG NAICP      |

Comments:

Project Name: PASCO COUNT  
PERMIT\_NO: 26254-001-SO/T3  
Matrix: AQUEOUS-Groundwater

Site Address  
West Pasco, Class III Landfill  
Hays Road  
Shady Hills, FL

Delivered By: WMM WMM CF CF

Received Date: 08/24/2010 3:00:00

Sample Collector: WMM

| Sample Number | Collection Date/Time  | Location Code | Location Description | Analysis Ordered |
|---------------|-----------------------|---------------|----------------------|------------------|
| AB52013       | 08/24/2010 11:46:00 A | CLASSIIIGWM4M | 4MW21 @ CLASS III    | AMMAUT           |
| AB52013       | 08/24/2010 11:46:00 A | CLASSIIIGWM4M | 4MW21 @ CLASS III    | CLIC TDS         |

Comments:



1346053

**Section C**  
Invoice Information:

Attention: \_\_\_\_\_  
 Company Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Pace Quote Reference: \_\_\_\_\_  
 Pace Project Manager: \_\_\_\_\_  
 Pace Profile #: \_\_\_\_\_

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

Site Location  
 STATE: \_\_\_\_\_

**Section B**  
Required Project Information:

Report To: Candice Mulhern  
 Copy To: \_\_\_\_\_  
 Purchase Order No.: \_\_\_\_\_  
 Project Name: West. Pace Chassis III Landfill  
 Project Number: \_\_\_\_\_

**Section A**  
Required Client Information:

Company: Pace County Environmental Lab  
 Address: 8864 Government Dr.  
Newport Richway, FL  
 Phone: 727-847-8902 Fax: \_\_\_\_\_  
 Requested Due Date/TAT: \_\_\_\_\_

| ITEM # | Section D<br>Required Client Information |                                          | Matrix Codes<br>MATRIX / CODE |                               | MATRIX CODE<br>(see valid codes to left) | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED          |                       |      |      | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives |      |             |                                |                  |     |      |                                | Analysis Test ↑<br>Y/N ↓ | Requested Analysis Filtered (Y/N) |       |     |     |     |     |     |     |     |     |     |     | Residual Chlorine (Y/N) | Pace Project No./ Lab I.D. | Sent to<br>PACE Lab<br>8/25/10 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     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|        | Section D<br>Required Client Information | Section D<br>Required Client Information | Matrix Codes<br>MATRIX / CODE | Matrix Codes<br>MATRIX / CODE |                                          |                             | COMPOSITE<br>START | COMPOSITE<br>END/GRAB | DATE | TIME |                           |                 | DATE          | TIME | Unpreserved | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | NaOH | Na <sub>2</sub> O <sub>3</sub> |                          | Methanol                          | Other | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N |                         |                            |                                | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N 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Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N 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Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N | Y/N |

| ADDITIONAL COMMENTS        | RELINQUISHED BY / AFFILIATION | DATE    | TIME | ACCEPTED BY / AFFILIATION | DATE                               | TIME  | Temp In °C | SAMPLE CONDITIONS     |                             |                      |
|----------------------------|-------------------------------|---------|------|---------------------------|------------------------------------|-------|------------|-----------------------|-----------------------------|----------------------|
|                            |                               |         |      |                           |                                    |       |            | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
|                            |                               |         |      |                           |                                    |       |            |                       |                             |                      |
|                            | <i>Wilfred Martfeld</i>       | 8/24/10 | 1500 | <i>CF</i>                 | 8/24/10                            | 15:00 |            |                       |                             |                      |
|                            | <i>Wilfred Martfeld</i>       | 8/25/10 | 1610 | <i>Wilfred Martfeld</i>   | 8/25/10                            | 16:00 |            |                       |                             |                      |
|                            |                               |         |      |                           |                                    |       |            |                       |                             |                      |
|                            |                               |         |      |                           |                                    |       |            |                       |                             |                      |
| ORIGINAL                   |                               |         |      |                           |                                    |       |            |                       |                             |                      |
| SAMPLER NAME AND SIGNATURE |                               |         |      |                           |                                    |       |            |                       |                             |                      |
| PRINT Name of SAMPLER:     |                               |         |      |                           | DATE Signed (MM/DD/YYYY): 08/24/10 |       |            |                       |                             |                      |
| SIGNATURE of SAMPLER:      |                               |         |      |                           | <i>Wilfred Martfeld</i>            |       |            |                       |                             |                      |

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

DATE Signed (MM/DD/YYYY): 08/24/10

PRINT Name of SAMPLER: Wilfred Martfeld  
 SIGNATURE of SAMPLER: \_\_\_\_\_

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