

GW/GAS

Dept. of Environmental Protection
MAY 06 2011
Southwest District

May 5, 2011

John Morris, P.G.
Florida Department of Environmental Protection – Southwest District
13051 N. Telecom Parkway
Temple Terrace, Florida 33637

RE: Compliance Monitoring Report – First Semiannual 2011
Enterprise Class III Landfill and Recycling Facility
Permit No. 177982-008-SC and 177982-007-SO
WACS No. 87895

Dear Mr. Morris:

This report presents data from the semiannual sampling event at the Enterprise Class III Landfill and Recycling Facility performed on March 14, 15, and 16, 2011.

All groundwater wells which require sampling were sampled during this event for the parameters listed in Specific Condition 4.c. of the permit with the exception of MW-1A, MW-3A, MW-4A, MW-6, MW-8, MW-9, MW-10, and MW-12A which contained insufficient water for sampling. The supply well was sampled for parameters listed in Specific Condition 4.c. of the permit however the Temporary Pond was dry and not sampled. Quality Assurance/Quality Control samples were also collected.

Monitoring wells MW-3A, MW-4A, MW-8, MW-9, MW-10, MW-11, and MW-12A are surficial aquifer monitoring wells. Water levels within the surficial aquifer have declined in recent years and may not be laterally continuous in all areas. Each monitoring location with a dry surficial aquifer well has an existing Floridan aquifer well installed in a cluster. Groundwater samples were collected from each of the other Floridan aquifer wells.

The Chromium and Nickel levels reported during this event in MW-11 are most likely due to the extremely low water level and high Turbidity in this well during sampling. Resample of the well is not possible due to the low water level. Monitoring well MW-11B, a Floridan aquifer well installed in cluster with MW-11, was also sampled during this event. The sample from MW-11B did not report any parameter concentrations outside groundwater standards with the exception of pH. The pH reported for the MW-11B sample is typical of Floridan aquifer quality in this area of the state. Parameters reported at or outside groundwater standards are presented in Attachment 2. All results, other than those for MW-11, are comparable to historical levels. We recommend continued semiannual monitoring as specified in the current permit.

If you have any questions regarding this report, please contact me at (813) 477-1719.

Sincerely,



John P. Arnold, P.E.
Senior Project Manager

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Xc: Jeff Rogers, Angelo's Recycled Materials
Andy Alipour, Pasco County

- Attachment 1: Groundwater Elevation Data, Well Construction Table, and Groundwater Contour Map
- Attachment 2: Analysis Results Compared to Groundwater Standards
- Attachment 3: Groundwater Parameters At or Above the Laboratory Detection Limit
- Attachment 4: Field Forms
- Attachment 5: ADaPT Files and Laboratory Reports including Chains-of-Custody

**LANDFILL GAS READINGS ENTERPRISE CLASS III
LANDFILL AND RECYCLING FACILITY FIRST
QUARTER 2011**

LOCATION	% LEL	REMARKS
GP-1	-	not installed at this time
GP-2	-	not installed at this time
GP-3	-	not installed at this time
GP-4	-	not installed at this time
GP-5	-	not installed at this time
GP-6	3%	
GP-7	0%	
GP-8	0%	
GP-9	-	abandoned
GP-9R	0%	
GP-10R	0%	
GP-11	0%	
GP-12	3%	well marked 12A
GP-13	3%	well marked 13A
GP-14	0%	
GP-15	-	not installed at this time
GP-16	-	not installed at this time
SCALE HOUSE	0%	staff occupied structure

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