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Dept. Of Environmental Protection

JUN 23 2009

Southwest District

**ENTERPRISE CLASS III LANDFILL
AND RECYCLING FACILITY
SEMIANNUAL COMPLIANCE MONITORING REPORT**

FIRST SEMIANNUAL 2009

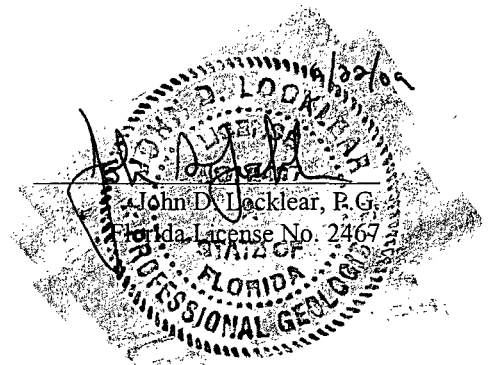
DEP PERMIT NO. 177982-008-SC

DEP Due Date: July 15, 2009

Prepared by:

**HDR ENGINEERING, INC.
4140 NW 37th Place, Suite A
Gainesville, Florida 32606**

June 2009



June 22, 2009

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

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

JUN 23 2009

SOUTHWEST DISTRICT
TAMPA

RE: Compliance Monitoring Report – First Semiannual 2009
Enterprise Class III Landfill and Recycling Facility
Permit No. 177982-008-SC and 177982-007-SO
Project Number: 0-101475

Dear Mr. Morris:

This report presents data from the semiannual sampling event at the Enterprise Class III Landfill and Recycling Facility on April 15 and 16, 2009.

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-1 and MW-3 which were dry and MW-4, MW-6, MW-8, MW-9, MW-9B, MW-10, MW-11, and MW-12A which had insufficient water for sampling. The supply well was sampled for parameters listed in Specific Condition 4.c. of the permit; however Pond 1 and the Temporary Pond were dry and not sampled. Quality Assurance/Quality Control samples were also collected.

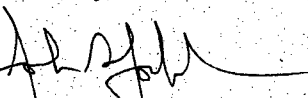
Monitoring wells MW-3A, MW-4A, MW-8, MW-9, MW-10, MW-11, and MW-12A are surficial aquifer monitoring wells. Water levels within the surficial aquifer have declined in recent years and may not be laterally continuous in all areas. Each monitoring location with a dry surficial aquifer well has an existing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

The pH in MW-7BR was reported at 9.25 S.U. which is consistent with the previous results and with historical values from the nearby MW-7B (now abandoned and replaced with MW-7BR). Values of pH over 9.0 S.U. are most commonly a result of the influence of grout used during well construction, and not a result of impacts from landfills (typically pH values are less than 6.0 S.U. when impacted by landfill leachate). It appears that groundwater in the vicinity of MW-7BR is still being influenced by the large amount of grout used during the construction of MW-7B (MW-7BR was installed approximately 23 feet south of MW-7B). It is important to note that no other parameters were reported at or above applicable standards in the MW-7BR groundwater sample. Grout influence on pH is generally very localized. Continued monitoring in MW-7BR is warranted.

Parameters reported at or outside groundwater standards are presented in Attachment 2.

If you have any questions regarding this report, please contact me at (352) 642-1105.

Sincerely,



John D. Locklear, P.G.
Senior Project Manager

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

Attachment 1: Groundwater Elevation Data 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: Parameter Monitoring Report Forms
Attachment 5: Original Laboratory Data Including Chain-Of-Custody Forms

Florida Department of Environmental Regulation
 Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

GROUNDWATER MONITORING REPORT

Rule 62-522.600 (11)

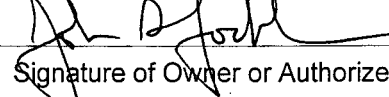
FLORIDA DEPARTMENT OF
 ENVIRONMENTAL PROTECTION
JUN 23 2009
 SOUTHWEST DISTRICT
 TAMPA

Part I GENERAL INFORMATION

- (1) Facility Name Enterprise Class III Landfill and Recycling Facility
 Address 41111 Enterprise Road
 City Dade City, FL Zip 33525-
 Telephone Number _____
- (2) The GMS Identification Number 87895
- (3) DEP Permit Number 177982-007-SO/T3
- (4) Authorized Representative Name John D. Locklear, P.G., HDR Engineering, Inc.
 Address 4140 NW 37th Place, Suite A
 City Gainesville, Florida Zip 32606-
 Telephone Number (352) 642-1100
- (5) Type of Discharge Landfill
- (6) Method of Discharge Groundwater

Certification

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

Date: 6/22/09 
 Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

- Sample Organization CompQAP # DEP SOP 001/01
- Analytical Lab CompQAP #/HRS Certification # E83182
CompQAP #/HRS Certification # _____
- Lab Name Environmental Conservation Laboratories, Inc.
- Address 10775 Central Point, Orlando, Florida 32824
- Phone Number (407) 826-5314

Please return a copy of this form with original lab report

HDR Engineering
 4140 NW 37th Place, Suite A
 Gainesville, FL 32606
 (352) 376-6533 Fax (352) 692-6390

Pg. 2 of 2

Field Data Information Form

Project Name: Amelios Enterprise CIII
 Project Number: 02101475-001
 Sampler: DAN LICHTENWALTER
 Laboratory: ENCO - ORLANDO

Sampling Station	Date	Time	Temp (Deg C)	Conductivity (umhos/cm)	Turbidity (NTU)	pH (S.U.)	ORP (mV)	Dissolved Oxygen (mol)	Depth in water
MW-12B	4/15/09	1750	25.27	166	0.34	5.79	244.7	7.57	60.60
Supply Well Pond	4/15/09	1847	23.86	318	0.23	7.28	31.1	4.12	
Temp Pond	4/16/09	0710	NO SAMPLE						
		0714	"	"					
MW-1B		0741	"	"					
MW-5A		0906	20.11	65	22.9	4.93	359.3	5.41	21.13
EQB # 2		0953							
MW-7A		1014	NO SAMPLE						39.80
PW JOHN PARKIN		1039	"	"					
TB # 2									

TO BE SUBMITTED TO LABORATORY WITH CHAIN-OF-CUSTODY

