

ANGELO'S RECYCLED MATERIALS

P.O. Box 1493
Largo, FL 33779



APOPKA 407.290.8010 407.290.8115 (FAX)
(FAX)
DADE CITY 352.567.7676 352.567.9448 (FAX)
(FAX)

TAMPA 813.903.0588 813.632.9157
LARGO 727.586.1544 727.586.5676

September 15, 2010

Ms. Susan Pelz, P.E.
Solid Waste Program Manager
Florid Department of Environmental Protection – Southwest District
13051 North Telecom Parkway
Temple Terrace, FL 33637-0926

Dept. of Environmental
Protection

SEP 17 2010

Southwest District

RE: June 22, 2010 Site Inspection (Received via email August 31, 2010)
Response to FDEP Inspection Comments
Enterprise Class III Landfill
Angelo's Recycled Materials

Dear Ms. Pelz:

We have reviewed the referenced inspection report and have prepared the following written responses for Department consideration. In our response we have combine the FDEP inspection comment (pgs 6-10) with the applicable line item of the actual FDEP inspection checklist and the referenced FDEP rule(s).

1. Rule: 62-701.530(2)(c): All ambient monitoring points and soil monitoring probes shall be sampled quarterly for concentrations of combustible gases, and the results reported to the Department no later than 15 days after the end of the quarter in which the monitoring occurred. Combustible gases shall be determined as a percent of the lower explosive limit and shall be calibrated to methane.

Question No. 1.5: Are the results of the gas sampling reported to the Department quarterly?

Explanation - 1.4: Is gas monitoring being performed as required by permit? 62-701.500(9) & 62-701.530(2).

62-701.500(9): Gas monitoring. All landfills that have received degradable wastes shall implement a gas management system to meet the requirements of Rule 62-701.530, F.A.C.

62-701.530(2): Monitoring requirements. Owners or operators of solid waste disposal units at landfills that have received degradable waste shall implement a routine gas monitoring

program to ensure that the design requirements of subparagraphs (1)(a)1. and 3. of this section are met. The routine gas monitoring program shall monitor concentrations of combustible gases at ambient monitoring points and in soil monitoring probes.

Explanation – 2.26: Is gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a).

62-701.530(3)(a): Gas remediation plan. If the results of monitoring show that combustible gas concentrations exceed the lower explosive limits specified in subsection (1) of this section, the owner or operator shall: 1. Immediately take all necessary steps to ensure protection of human health and notify the Department; and 2. Within seven days of detection, submit to the Department for approval a gas remediation plan for the gas releases. The plan shall describe the nature and extent of the problem and the proposed remedy. The remedy may include some or all of the gas management system design contained in subsection (1) of this section. The remedy shall be completed within 60 days of detection unless otherwise approved by the Department.

Corrective Action: see 1.4 & 2.26

Response: Our records indicate that the gas monitoring wells are installed, have been monitored and reported to the FDEP quarterly, and are in compliance with the referenced regulations. We understand from the email received by the Department on September 1, 2010 that the Q2-2010 gas monitoring report we submitted was originally misfiled and has since been found. A copy of the Q1-2010 gas monitoring report that we previously mailed to the FDEP is attached. The 3Q-2010 gas sampling is scheduled for the second week of September and the results will be forwarded when available. We have also enclosed copies of correspondence provided to the Department related to the replacement of gas monitoring wells 12, and 13 with 12R and 13R, respectively. These replacement wells are part of the regular quarterly monitoring program and sampling results are within compliance limits.

2. Rule 62-701.730(12): Annual Reports. The owner or operator of the facility shall submit an annual report to the Department on Form 62-701.900(7). This report shall include a summary of the amounts and types of wastes disposed of or recycled. The county of origin of materials that are recycled, or a statement that the county of origin is unknown, shall be included in the report. The report shall be submitted no later than April 1 of each year and shall cover the preceding calendar year.

Question No. 1.11: For C&D debris disposal and disposal with recycling facilities, is an Annual Report submitted to the Department for the disposal operation by April 1st of each year? 62-701.730(12).

Explanation: Tallahassee records indicate that an annual report has not been filed for 2009. See also 1.2.

1.2: For landfills, are the following records being reported to the Department? Waste reports (annually) 62-701.500(4).

62-701.500(4): Waste records. (a) The owner or operator of a landfill shall weigh all solid waste as it is received. Landfill operators shall record, in tons per day, the amount of solid waste received and shall estimate the amount of wastes listed in paragraph (b) of this subsection. Waste reports shall be compiled monthly, and copies shall be provided to the Department annually. (b) Types of waste received: 1. Municipal solid waste. 2. Class III waste. 3. Ash residue. 4. Other wastes.

Corrective Action: Provide waste quantity reports and annual report as required. See also 1.2.

Response: It is our understanding that the annual reporting requirement of 62-701.730(12) applies to C&DD landfills, not Class III facilities. In accordance with 62-701.500(4), solid waste received at the site is weighed and recorded on a daily basis, such that daily, monthly, quarterly, and annual reports are available. It appears that the previous version of 62-701.500(4), which was in effect until January 6, 2010, did not require annual reporting. It is our understanding that the new rule would require an annual report for the year 2010, but would not be retroactive to prior years. Also, Specific Condition No.3 (Part D) of our operating permit only calls for quarterly reporting of waste quantities. The FDEP Solid Waste Section in Tallahassee should have records of the quarterly waste generation reports we've submitted.

3. Rule : 62-701.500(13)(c): Maintain an annual estimate of the remaining life and capacity in cubic yards of the existing, constructed landfill and remaining capacity and site life of other permitted areas not yet constructed. The annual estimate shall be based on a summary of the heights, lengths, and widths of the solid waste disposal units. The estimate shall be made and reported annually to the Department.

Rule: 62-701.500(4): Waste records. (a) The owner or operator of a landfill shall weigh all solid waste as it is received. Landfill operators shall record, in tons per day, the amount of solid waste received and shall estimate the amount of wastes listed in paragraph (b) of this subsection. Waste reports shall be compiled monthly, and copies shall be provided to the Department annually. (b) Types of waste received: 1. Municipal solid waste. 2. Class III waste. 3. Ash residue. 4. Other wastes.

Question No. 1.2: For landfills, are the following records being reported to the Department? Waste reports (annually) 62-701.500(4). (please refer to the definition above)

Explanation: It does not appear that waste quantity reports have been provided since 3rd Quarter 2009.

Corrective Action: Please provide WQR for 4Q-2009 (due 1/15/10), 1Q-2010 (due 4/15/10), 2Q-2010 (due 7/15/10).

Response: Our records indicate that the requirements of rule 62-701.500(13)(c) (annual life span estimate) have been met, as documented in our February 26, 2010 correspondence to the Department. Copies of the referenced quarterly waste reports are attached. We will also forward additional copies to the FDEP Solid Waste Section in Tallahassee.

4. Rule 62-701.500(j): Erosion control measures shall be employed to correct any erosion which exposes waste or causes malfunction of the storm water management system. Such measures shall be implemented within three days of occurrence. If the erosion cannot be corrected within seven days of occurrence the landfill operator shall notify the Department and propose a correction schedule.

Question No. 2.21: Is erosion control adequate? 62-701.500(j)

Explanation: Significant erosion was observed on the west slope of Cells 3-4.

Corrective Action: Repair erosion in accordance with the operation plan and permit.

Response: The erosion, which did not expose waste, has been repaired in a timely manner in accordance with applicable requirements.

5. Rule 62-701.500(10): Stormwater system management. Stormwater management systems shall be operated and maintained as necessary to meet the requirements of subsection 62-701.400(9), F.A.C.

Question No. 2.29: Is stormwater management system maintained and operated as required? 62.701.500(10).

Explanation: Significant erosion was observed in the area of the concrete flume in the southeast stormwater pond.

Corrective Action: Repair stormwater management system in accordance with the operation plan and permit.

Response: The erosion, which did not cause a malfunction of the stormwater management system, has been repaired in a timely manner in accordance with applicable requirements.

6. Rule 62-701.500(9): Gas monitoring. All landfills that have received degradable wastes shall implement a gas management system to meet the requirements of Rule 62-701.530, F.A.C.

Rule 62-701.530(2): Monitoring requirements. Owners or operators of solid waste disposal units at landfills that have received degradable waste shall implement a routine gas monitoring program to ensure that the design requirements of subparagraphs (1)(a)1. and 3. of this section

are met. The routine gas monitoring program shall monitor concentrations of combustible gases at ambient monitoring points and in soil monitoring probes.

Question No. 1.4: Is gas monitoring being performed as required by permit? 62-701.500(9), 62-701.530(2)

Explanation: see 1.5 and 2.26

Corrective Action: see 1.5 and 2.26

Response: This appears to be a repeat of the issue raised by the Department in No. 1 above. Please refer to our Response in No. 1 above.

7. Rule 62-701.530(3)(a): Gas remediation plan. If the results of monitoring show that combustible gas concentrations exceed the lower explosive limits specified in subsection (1) of this section, the owner or operator shall: 1. Immediately take all necessary steps to ensure protection of human health and notify the Department; and 2. Within seven days of detection, submit to the Department for approval a gas remediation plan for the gas releases. The plan shall describe the nature and extent of the problem and the proposed remedy. The remedy may include some or all of the gas management system design contained in subsection (1) of this section. The remedy shall be completed within 60 days of detection unless otherwise approved by the Department.

Question No. 2.26: Is gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a)

Explanation: Gas monitoring reports for 4Q-2009 (due 1/15/10), 1Q-2010 (due 4/15/10), 2Q-2010 (due 7/15/10) do not appear to have been submitted. Based on 3Q-2009 report exceedances were reported at GP-12 and GP-13. Stressed vegetation was observed on the south slope of Cell 5 (upper lift) near the Cell 5-4 boundary.

Corrective Action: Submit gas monitoring reports as required by the operations plan and permit. Submit and implement gas remediation plan required by Specific Condition No. 4 of permit 177982-007-SO/T-3.

Response: Please be advised that gas monitoring reports have been submitted to the Department as required. We do not know why these records are not in the Department files, although we understand that 2Q-2010 was misfiled and has subsequently been found. We have attached copies of the requested reports for 4Q-2009 and 1Q-2010. The area of stressed vegetation will be monitored. However, this area is interior to the landfill and is not indicative of stressed vegetation on the final cover (which has not been constructed) or at a location beyond the perimeter of the property boundary.

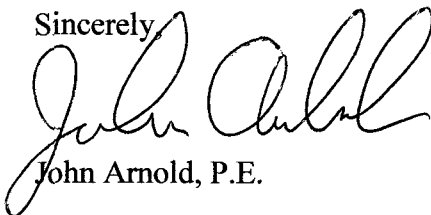
It appears that you may also be missing some or all of the work product that has been provided to the Department associated with replacing gas monitoring wells 12 and 13 with 12A and 13A, respectively. We have enclosed copies of what we believe is relevant correspondence. The new wells were installed at the point of compliance (property boundary) and have been monitored to verify that the facility is in compliance with the referenced rules. There are also various emails (not included) regarding this issue among Ms. Pelz, Mr. Morgan, Mr. Arnold, and Mr. Lockleer (HDR) that provide additional documentation on the gas remediation plan. It is our understanding that the facility is in compliance with Specific Condition No. 4 of permit 177982-007-SO/T3.

8. Concrete truck washout was observed in the concrete storage area. Acceptance of this material may require an industrial wastewater permit. Please cease acceptance of this material until the Department's Industrial Wastewater section confirms that a permit is not required, or the appropriate permit is obtained.

Response: We do not accept concrete washout at our facility. Washout is defined (62-621.300(3)(a), Part I, B. Definitions, 6.) by the Florida Department of Environmental Protection as, "the wastewater generated from washout of a concrete truck mixer drum and any water that comes into contact with this wastewater, excluding contact as a result of spraying reclaimed Type II wastewater on aggregate piles." We prohibit the washout of the concrete drum mixers at our facility. It is our understanding that ready-mix concrete (regardless of the slump) is a clean debris (62-701-200(15), F.A.C.) and is exempt from regulation as solid waste under Chapter 62-701, F.A.C. For this reason, excess read-mix concrete is routinely deposited directly at the job site, concrete crushing yards, construction yards, landfills, or other venues where it can be re-used or recycled. The concrete observed at the referenced concrete pile was excess ready-mix concrete, which can appear "ribbed", and is not wastewater washout resulting from the cleaning of the truck mixer drum. We have posted written notice at our scale house that washout is prohibited and must occur at a permitted facility. Please advise if the Department is asking Angelo's Recycled Materials to get some type of determination from the Department's Industrial Wastewater section, or if the Solid Waste section is undertaking this effort.

Please let me know if you have any questions or if you need any additional information.

Sincerely,



John Arnold, P.E.

attachment

xc: Dominic lafrate
Jeff Rogers
FDEP Solid Waste - Tallahassee

ANGELO'S RECYCLED MATERIALS

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LARGO 727.501.1544 727.586.5676 (FAX)

January 22, 2010

Ms. Susan Pelz, P.E.
Florida Department of Environmental Protection
Southwest District
13051 N. Telecom Parkway
Temple Terrace, Florida 33637

Re: Enterprise Road Recycling & Disposal Facility
Gas Monitoring Event: 1st Quarter 2010
Permit No. 177982-007-SO/T3

Dear Ms. Pelz:

The results of landfill gas monitoring for the 1st quarter of 2010 are enclosed. Please call or email if you have any questions or need any additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "John Arnold".

John Arnold, P.E.

xc: Jeff Rogers, Angelo's Recycled Materials



Mr. John Arnold, P.E.
Angelo's Recycled Materials
41111 Enterprise Road
Dade City, Fl 33525-1539

January 12, 2010

Subject Site: Enterprise Class III Landfill and Recycling Facility (Angelo's Recycled Materials)

Dear Mr. Arnold,

Ideal Tech services, Inc. (ITS) is pleased to present the following notes pertaining to the site of Enterprise Class III Landfill and Recycling Facility (Angelo's Recycled Materials). The first semi-annual monitoring event of 2010 was performed on 12/21, 12/22 and 12/30/2009.

12/21/09 Monday:

ITS personnel calibrated the water quality instruments at our Ocala office prior to mobilizing to the site. The YSI 556 multi-parameter meter was left on once the calibration was complete and remained on until the exit calibration verification was performed at the conclusion of the day. Chris Monaco Karen LeBeau and Jesse Frady of Ideal Tech Services, Inc. (ITS) arrived at the site and began by checking in with the landfill staff at the scale house. Upon completing the site specific safety briefing, all members of the ITS crew collected water level data at all wells and piezometers so that each member of the crew would be familiar with the site access requirements and well locations. The groundwater elevation data table is presented in Attachment A.

ITS personnel obtained groundwater samples from the following wells; MW-3B, MW-4B, MW-5B and the Supply Well on this day. Groundwater Sampling Logs for each well sampled are presented in Attachment B. The exit calibration for the water quality measuring equipment was performed at the Ocala Office.

Additionally, while at the site on this day all of the Landfill Gas wells and the scale house were measured for % LEL as required by the permit. The results of the measurements are presented in the table located in Attachment C. The instrument calibration was performed at the site and the calibration record for the instrument is included in Attachment D.

12/22/09 Tuesday:

Equipment calibration was performed in the same manner as described on 12/21. C. Monaco and K. LeBeau of ITS arrived on site and checked in with the landfill staff.

P.O. BOX 772016
Ocala, Florida 34477
Telephone: (352) 502-3407
Facsimile: (352) 732-5572
Email: Idealtechservices@earthlink.net

12/22/09 Tuesday Continued:

The ITS staff discussed the task of monitor well sampling and C. Monaco held the site safety briefing. J. Frady of ITS delivered the samples collected on 12/21 to Enco Lab. ITS personnel obtained groundwater samples from the following wells; MW-5A, MW-7BR, MW-10B, MW-11B and MW-12B on this day. Groundwater Sampling Logs for each well sampled are presented in Attachment B. The samples were transported to Enco lab by J. Frady.

ITS personnel were made aware that some of the groundwater wells at this site may be difficult to obtain samples from due to water table elevations having decreased in recent years. Although there were additional wells we could have attempted to sample, ITS decided that it would be best to first review the water table elevation data and evaluate which of the remaining wells were feasible for sampling and then plan to sample the remaining wells at a later date.

12/30/09 Wednesday:

C. Monaco of ITS and J. Arnold of Angelo's Recycled Materials reviewed the water table elevation data and discussed the SOP compliant process for obtaining samples from wells that are known to purge dry. It was agreed that select groundwater wells were either dry or did not contain enough water to attempt obtaining samples utilizing the purge dry method. The wells that were not sampled include; MW-1A, MW-3, MW-4, MW-8, MW-9, MW-9B, MW-10, MW-11 and MW-12A.

ITS personnel sampled the following wells while utilizing the same process described in the 12/21 paragraph; MW-1B, MW-6, MW-7A and MW-8B.

Please don't hesitate to contact us with any questions you may have about the enclosed documents.

Respectfully submitted,

Christopher J. Monaco
Ideal Tech Services, Inc.

Enc: Attachment A, WATER TABLE ELEVATION DATA
Attachment B, GROUNDWATER SAMPLING LOGS
Attachment C, LANDFILL GAS MEASUREMENTS
Attachment D, EQUIPMENT CALIBRATION LOGS
Attachment E, C.O.C. RECORDS
Attachment F, COPIES OF FIELD NOTES FROM LOG BOOK

**LANDFILL GAS READINGS ENTERPRISE CLASS III
LANDFILL AND RECYCLING FACILITY FIRST
SEMIANNUAL 2010**

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	0%	
GP-7	0%	
GP-8	0%	
GP-9	-	abandoned
GP-9R	0%	
GP-10R	0%	
GP-11	3%	
GP-12	2%	well marked 12A
GP-13	2%	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



December 14, 2009

Ms. Susan Pelz, P.E.
Florida Department of Environmental Protection
Southwest District
13051 N. Telecom Parkway
Temple Terrace, Florida 33637

**Re: December Re-sample 2009 Gas Monitoring Report
Enterprise Recycling & Disposal Facility
Permit No. 177982-007-SO/T3**

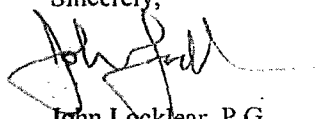
Dear Ms. Pelz:

On behalf of Angelo's Aggregate Materials, Ltd. (Angelo's), HDR Engineering, Inc. (HDR) is submitting the results of the December monthly gas monitoring for the Enterprise Recycling and Disposal Facility in Dade City, Florida. The gas monitoring of probes GP-12, GP-12R, GP-13 and GP-13R was completed in accordance with Specific Condition F of the above referenced operating permit. The results of the monitoring include gas readings of 170% LEL in GP-12, 134% LEL in GP-13, and 0% LEL in each of the other probes monitored. The next monitoring is scheduled for the week of January 4th.

A copy of the Gas Monitoring Survey Form and a location map are attached for your review.

Please call me if you have any questions.

Sincerely,



John Locklear, P.G.
Senior Project Manager

Xc: Jeff Rogers, Angelos
John Arnold, Angelos

Enterprise Recycling & Disposal Facility
Class III Landfill
 Gas Monitoring Survey Form

Date: 12/8/2009
 Instrument: Landtec GEM 500
 Sampler: Zeke Hudson - HDR Engineering, Inc.

Gas Probe No.	Time of Reading	Ambient Air Temperature (° C)	Ambient Air Methane (% LEL)	Methane Level Pre-Purge Measurement	
				% CH ₄	% of LEL
GP-12	2:11 PM	23.8° C	0.0%	8.5%	170%
GP-12R	2:25 PM	23.8° C	0.0%	0.0%	0%
GP-13	2:18 PM	23.8° C	0.0%	6.7%	134%
GP-13R	2:28 PM	23.8° C	0.0%	0.0%	0%

Enterprise Recycling & Disposal Facility
Class III Landfill
 Gas Monitoring Survey Form

Date: 10/8/2009
 Instrument: Landtec GEM 500
 Sampler: Dan Lichtenwalter - HDR Engineering, Inc.

Gas Probe No.	Time of Reading	Ambient Air Temperature (° C)	Ambient Air Methane (% LEL)	Methane Level Pre-Purge Measurement	
				% CH ₄	% of LEL
GP-6	10:43 AM	34.0%	0.0%	0.0%	0.0%
GP-7	10:47 AM	34.0%	0.0%	0.0%	0.0%
GP-8	10:51 AM	34.0%	0.0%	0.0%	0.0%
GP-9R	10:58 AM	34.0%	0.0%	0.0%	0.0%
GP-10R	11:04 AM	34.0%	0.0%	0.0%	0.0%
GP-11	11:11 AM	34.0%	0.0%	0.0%	0.0%
GP-12	11:15 AM	34.0%	0.0%	7.0%	140.0%
GP-12R	11:38 AM	34.0%	0.0%	0.0%	0.0%
GP-13	11:20 AM	34.0%	0.0%	0.3%	6.0%
GP-13R	11:30 AM	34.0%	0.0%	0.0%	0.0%
GP-14	11:48 AM	34.0%	0.0%	0.0%	0.0%

Dept. of Environment
 Protection
 SEP 17 2010
 Southwest District

[illegible]

Enterprise Recycling & Disposal Facility
Class III Landfill
Gas Monitoring Survey Form

Date: 11/12/2009
Instrument: Landtec GEM 500
Sampler: Zeke Hudson - HDR Engineering, Inc.

Gas Probe No.	Time of Reading	Ambient Air Temperature (° C)	Ambient Air Methane (% LEL)	Methane Level Pre-Purge Measurement	
				% CH ₄	% of LEL
GP-12	11:10 AM	13.34° C	0.0%	0.0%	0%
GP-12R	11:15 AM	13.34° C	0.0%	0.0%	0%
GP-13	11:39 AM	13.34° C	0.0%	0.3%	6%
GP-13R	11:31 AM	13.34° C	0.0%	0.0%	0%

October 14, 2009

Ms. Susan Pelz, P.E.
Florida Department of Environmental Protection
Southwest District
13051 N. Telecom Parkway
Temple Terrace, Florida 33637

Re: **Fourth Quarter 2009 Gas Monitoring Report**
Enterprise Recycling & Disposal Facility
Permit No. 177982-007-SO/T3

Dear Ms. Pelz:

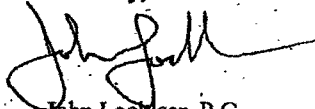
On behalf of Angelo's Aggregate Materials, Ltd. (Angelo's), HDR Engineering, Inc. (HDR) is submitting the results of the quarterly gas monitoring event for the Enterprise Recycling and Disposal Facility in Dade City, Florida. This event also constitutes the October monthly monitoring event for probes GP-12, GP-13, GP-12R, and GP-13R. The monitoring was performed in accordance with Specific Condition F of the above referenced operating permit.

LFG concentrations recently reported for probes GP-12 and GP-13 have been above 100% of the Lower Explosive Limit (LEL). As a result, probes GP-12R and GP-13R were installed closer to the property boundary on September 16, 2009. A report of construction details for GP-12R and GP-13R was submitted to the Department on October 7, 2009.

GP-12 and GP-13 reported methane levels of 140% LEL and 6% LEL, respectively. Both GP-12R and GP-13R reported methane at 0% LEL. Monthly monitoring of GP-12, GP-12R, GP-13, and GP-13R will continue with the next event scheduled for the week of November 11, 2009. A copy of the Gas Monitoring Survey Form, a site plan, and a location map of the additional sampling points are attached for your review. A location map for the replacement gas monitoring wells has also been included.

Please call me if you have any questions.

Sincerely,



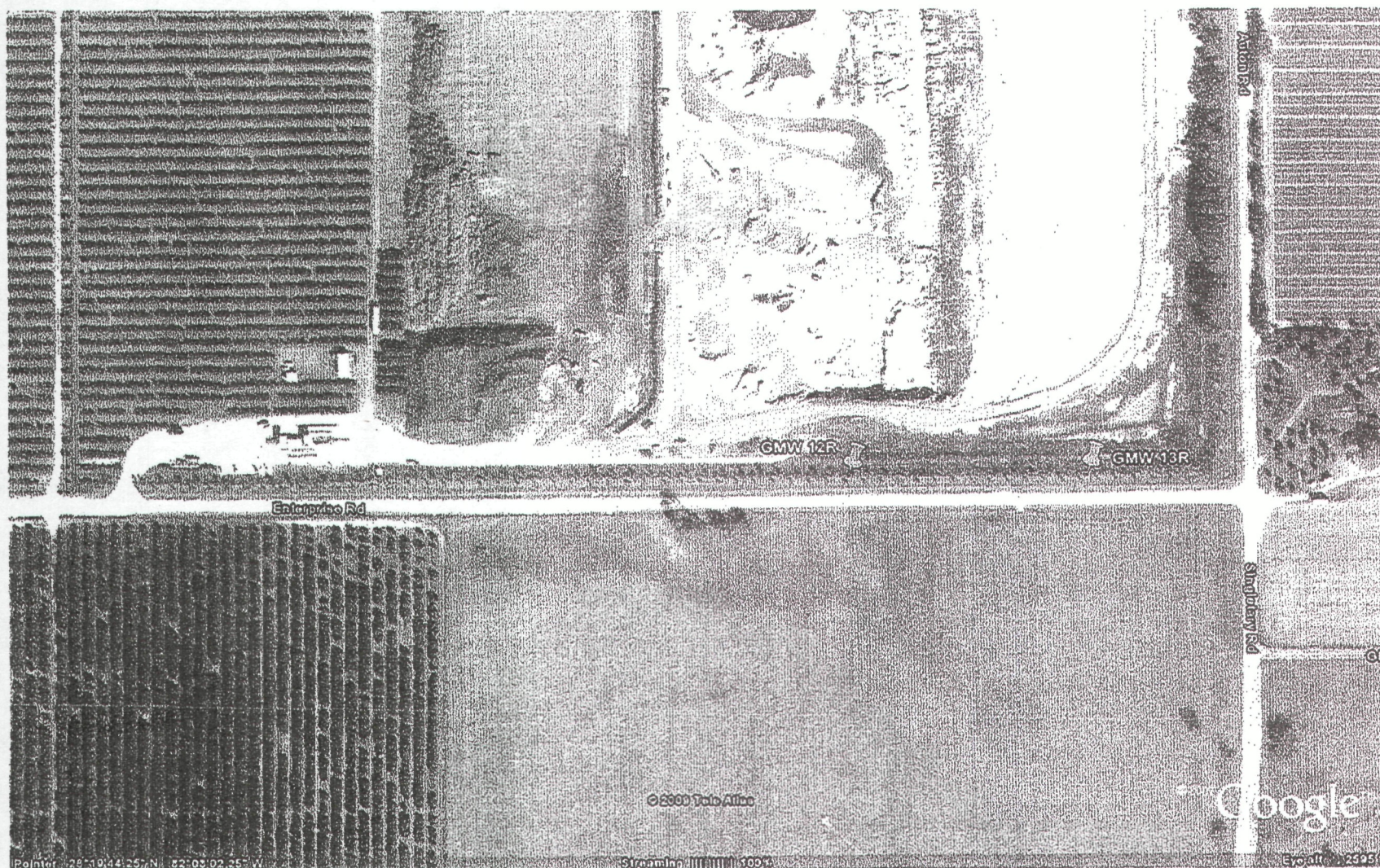
John Locklear, P.G.
Senior Project Manager

cc: Jeff Rogers, Angelos
John Arnold, Angelos

Enterprise Recycling & Disposal Facility**Class III Landfill****Gas Monitoring Survey Form**

Date: 10/8/2009
Instrument: Landtec GEM 500
Sampler: Dan Lichtenwalter - HDR Engineering, Inc.

Gas Probe No.	Time of Reading	Ambient Air Temperature (° C)	Ambient Air Methane (% LEL)	Methane Level Pre-Purge Measurement	
				% CH ₄	% of LEL
GP-6	10:43 AM	34.0%	0.0%	0.0%	0.0%
GP-7	10:47 AM	34.0%	0.0%	0.0%	0.0%
GP-8	10:51 AM	34.0%	0.0%	0.0%	0.0%
GP-9R	10:58 AM	34.0%	0.0%	0.0%	0.0%
GP-10R	11:04 AM	34.0%	0.0%	0.0%	0.0%
GP-11	11:11 AM	34.0%	0.0%	0.0%	0.0%
GP-12	11:15 AM	34.0%	0.0%	7.0%	140.0%
GP-12R	11:38 AM	34.0%	0.0%	0.0%	0.0%
GP-13	11:20 AM	34.0%	0.0%	0.3%	6.0%
GP-13R	11:30 AM	34.0%	0.0%	0.0%	0.0%
GP-14	11:48 AM	34.0%	0.0%	0.0%	0.0%



Enterprise Recycling & Disposal Facility
GMW 12R & 13R Site Plan

ANGELO'S RECYCLED MATERIALS

PO Box 1485
Fargo, FL 33701



APDPA	407.290.8010	407.290.8110 (Fax)	APDPA	813.204.0388	813.204.0100 (Fax)
DADE CITY	352.567.7676	352.567.9446 (Fax)	DADE CITY	727.581.1344	727.581.0075 (Fax)

October 7, 2009

Mr. Steven G. Morgan
Florida Department of Environmental Protection
Southwest District
13051 N. Telecom Parkway
Temple Terrace, Florida 33637

Re: Gas Monitoring Wells 12R and 13R
Angelo's Recycled Materials
Enterprise Recycling & Disposal Facility
Permit No. 177982-007-SO/T3

Dear Mr. Morgan:

This letter is to inform you that the proposed gas monitoring wells 12R and 13R have been constructed by Universal Engineering Sciences and the well completion logs are attached. Well locations were verified with a hand held GPS instrument. Sampling of these new wells will begin with the next monthly monitoring event. Monitoring will continue on a monthly basis. Provided there is sufficient data (in the future) to show that landfill gas at the property line does not exceed compliance standards, we will provide a written request to the Department to modify the sampling interval.

Please call or email if you have any questions or need any additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "John Arnold".

John Arnold, P.E.

cc: John Lockleer, HDR
Jeff Rogers, Angelo's Recycled Materials



UNIVERSAL ENGINEERING SCIENCES
WELL COMPLETION LOG

PROJECT NO.: 090820.00010

REPORT NO.:

PAGE NO.:

PROJECT: Enterprise Land Fill

CLIENT: Angelo's Recycled Materials

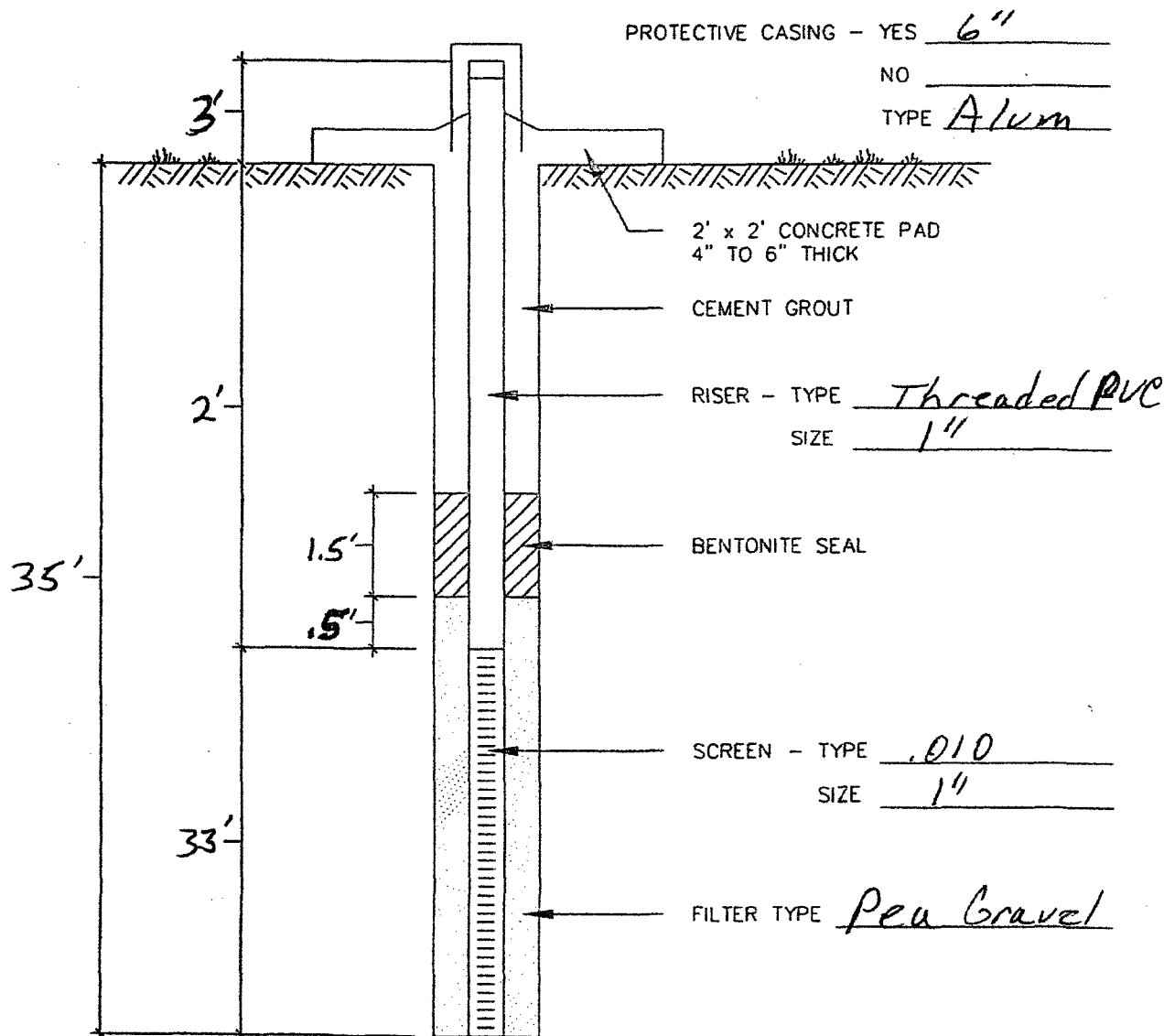
DATE: 9/18/09

WELL NUMBER: 12R

LOCATION: 28° 19' 43.58" N 82° 07' 58.40" W

INSTALLED BY: _____

WELL DIAGRAM — NOT TO SCALE





UNIVERSAL ENGINEERING SCIENCES
WELL COMPLETION LOG

PROJECT NO.: 090820.00010

REPORT NO.:

PAGE NO.:

PROJECT: Enterprise Land Fill

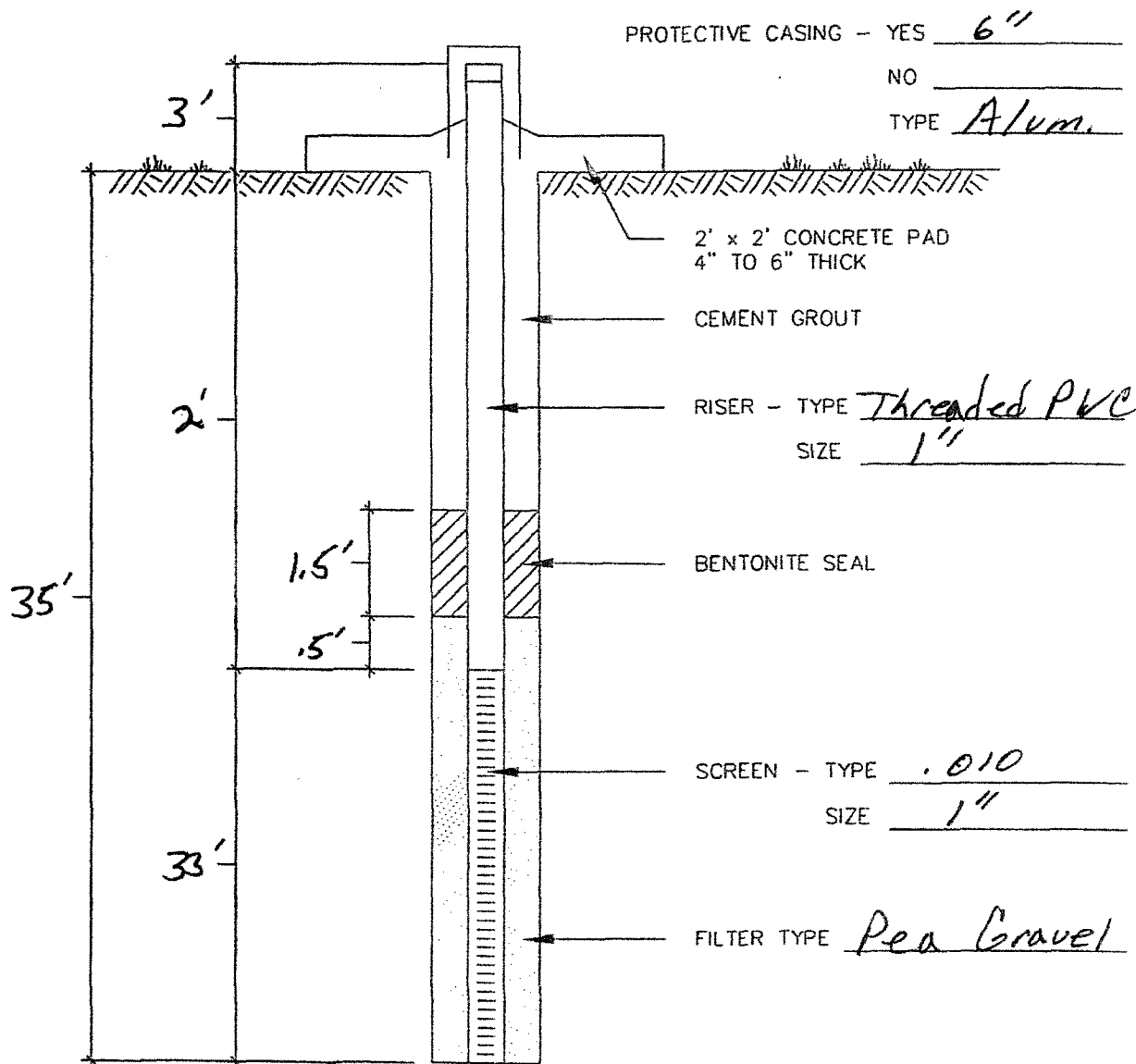
CLIENT: Angelo's Recycled Materials

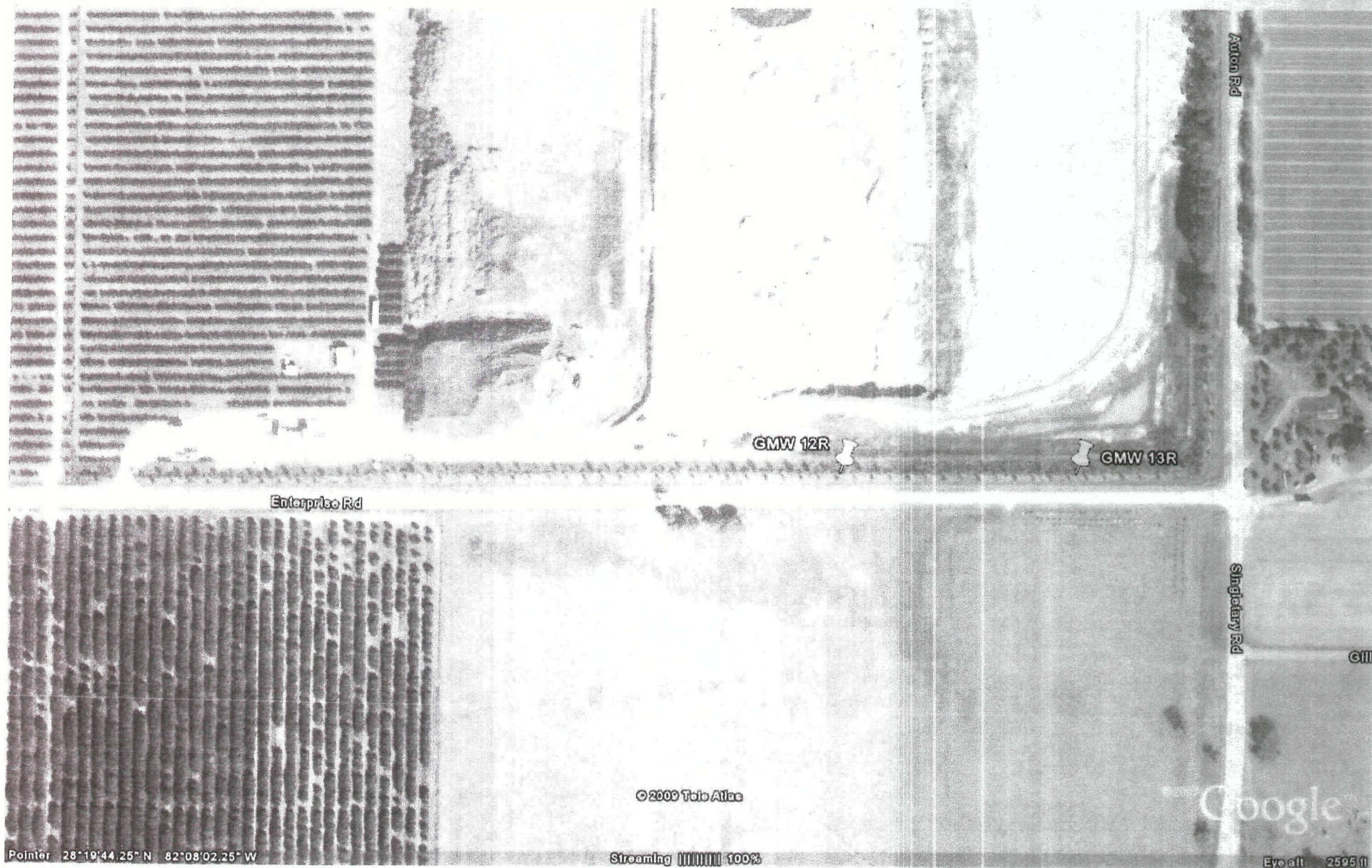
DATE: 9/18/09

WELL NUMBER: 13R LOCATION: 28°19'43.51"N 82°07'52.78"W

INSTALLED BY:

WELL DIAGRAM - NOT TO SCALE





Enterprise Recycling & Disposal Facility
 GMW 12R & 13R Site Plan

**BLACK & WHITE PHOTO
 IMAGE IS OF POOR QUALITY**

[illegible]

Enterprise Recycling & Disposal Facility
Class III Landfill
Gas Monitoring Survey Form

Date: 9/14/2009
Instrument: Landtec GEM 500
Sampler: Zeke Hudson - HDR Engineering, Inc.

Gas Probe No.	Time of Reading	Ambient Air Temperature (° C)	Ambient Air Methane (% LEL)	Methane Level Pre-Purge Measurement	
				% CH ₄	% of LEL
GP-12	11:05 AM	28.9° C	0.0%	30.7%	614%
GP-13	11:20 AM	28.9° C	0.0%	10.7%	214%

August 14, 2009

Steven G. Morgan
Florida Department of Environmental Protection
Southwest District
13051 N. Telecom Parkway
Temple Terrace, Florida 33637

**Re: Gas Monitoring – Third Quarter 2009
Response to August 4, 2009 Email Correspondence
Enterprise Recycling & Disposal Facility
Permit No. 177982-007-SO/T3**

Dear Mr. Morgan:

We received your email regarding the Department's review of the Third Quarter 2009 Gas Monitoring Report for the Enterprise Class III Recycling and Disposal Facility. We offer the following responses to the Department's comments below:

Department Comment #1

The report does not identify the depth of the boreholes installed around GP-12 and GP-13. If the boreholes were not installed at least to the depth of waste disposal, then gas readings obtained in the boreholes would not be appropriate to compare to readings from the monitoring probes to evaluate gas migration at those locations (i.e. compliance with Rule 62-701.530(1)(a), F.A.C.). Please identify the depth to which each of the boreholes was constructed and verify whether they were constructed to the depth required by this Rule.

Response to Comment #1

Gas monitoring probes GP-12 and GP-13 are constructed to depths of approximately 20 feet below ground surface. The additional test boreholes around GP-12 and GP-13 were approximately 5 feet below ground surface. Therefore, additional gas monitoring probes would be necessary to comply with the probe construction requirements of Rule 62-701.530(1)(a), F.A.C. as discussed in more detail in the Response to Comment #3.

Department Comment #2

The gas contingency plan in Section 10.1.2 of the facility Operation Plan indicates that impacted probes and the nearby structures (i.e. the installed boreholes) will be monitored on a weekly basis until the gas levels in the probes go below 100% LEL. Please verify that weekly monitoring of GP-12 and GP-13 and appropriately constructed boreholes will continue accordingly.

Response to Comment #2

Upon review of the Gas Contingency Plan, we found what appeared to be conflicting requirements for monitoring following a reading above 100% LEL in a gas monitoring probe.

Section 10.1.2

The following Contingency Plan will be implemented if any of the measured gas monitoring points methane levels are detected above the 100% LEL of greater than 5 percent methane in air, or if 25% of the LEL or higher is measured in a structure. If this level of methane or greater is detected in any of the probes, the Enterprise RDF landfill operator will institute measurement of methane in nearby structures, i.e., stormwater collection points, or any maintenance or office buildings nearby the subject gas probe, on a weekly basis, until these levels go below the 100% LEL at the subject probe. If methane levels measured in any on-site building exceed 25% of the LEL, building windows and/or doors will be opened for ventilation and all personnel evacuated until methane readings are maintained below 25% of the LEL for methane. The monitoring report for any event that detects methane above the LEL will also report methane levels from any nearby structure and may include monthly monitoring measurements at the high methane gas probe points until the levels go below the methane LEL level or until corrective actions are conducted to reduce methane levels. The FDEP will be notified within seven days of any gas monitoring levels that exceed the reporting action levels.

There are no structures in the area of gas probes GP-12 and GP-13. Therefore, weekly monitoring has not been initiated. Monthly monitoring of GP-12 and GP-13 has been initiated. The first monthly monitoring was conducted on August 10, 2009. The results of this monitoring indicates gas readings of 444% LEL in GP-12 and 124% LEL in GP-13. The next monthly monitoring is scheduled for the week of September 14th.

Department Comment #3

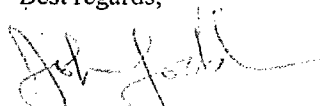
It appears that in order for the facility's gas monitoring system to comply with Rule 62-701.530(2)(b), F.A.C. and monitor the facility for compliance with Rule 62-701.530(1) (a), F.A.C. at the property line, additional permanent monitoring probes down gradient of GP-12 and GP-13 at or in closer proximity of the property line may need to be installed. Based on the results of the above investigation of gas levels down gradient of GP-12 and GP-13, please identify where replacement down gradient gas monitoring probes will be installed, along with proposed probe construction details (e.g. a typical gas monitoring probe detail with proposed well depths and screen intervals). Such proposed changes to the gas monitoring plan for the facility can be incorporated into the next facility permit modification.

Response to Comment #3

Two additional gas probes (GP-12R and GP-13R) are proposed to be installed at the locations shown in the attached site plan and photos. The new probes will be constructed to depths of approximately 20 feet below ground surface. The probes will be constructed of one-inch diameter PVC with 2 feet of solid PVC and 18 feet of slotted PVC.

Please call me to discuss our responses at your earliest convenience. I can be reached at (352) 642-1105.

Best regards,



John Locklear, P.G.
Senior Project Manager

cc: Jeff Rogers, Angeles
John Arnold, Angeles

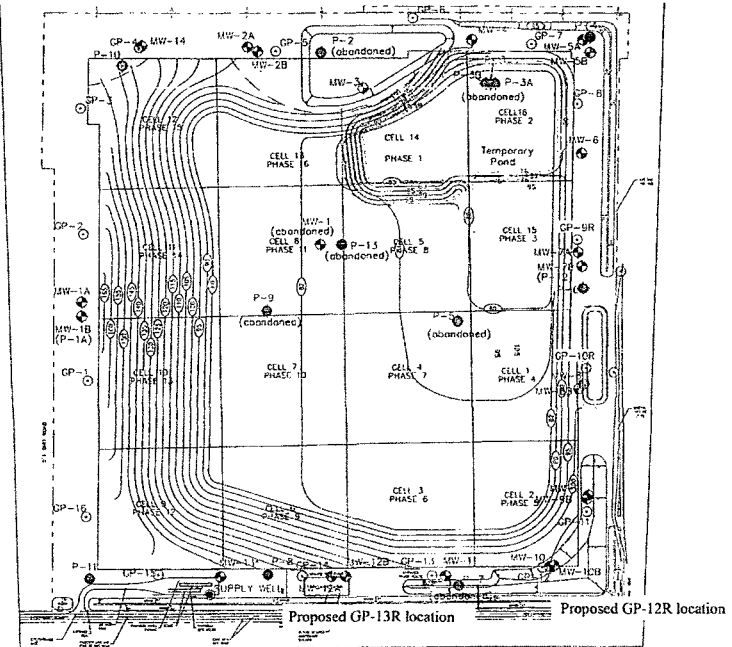
P:\Environmental - Central\HDR SOLID WASTE\ANGELOS (FLORIDA) COMPLIANCE MONITORING G.A. Monitoring 2009\GAS Gas Monitoring.doc

LEGEND

- MW-4 MONITORING WELL LOCATION
- GP-1 GAS PROBE LOCATION
- P-9 PIEZOMETER WELL LOCATION
- SUPPLY WELL
- ▲ MW-1 MONITOR WELL/PIEZOMETER (PROPOSED FOR ABANDONMENT)



SCALE IN FEET
700 100 0 200 400



HDR

HDR ENVIRONMENTAL, INC.
209 W. FORTMYER ST.
SUITE 500
JACKSONVILLE, FL 32202
(904) 396-8900

PROJECT NUMBER LOCATION P.G.

DESIGNED BY

CHECKED BY

DRAWN BY

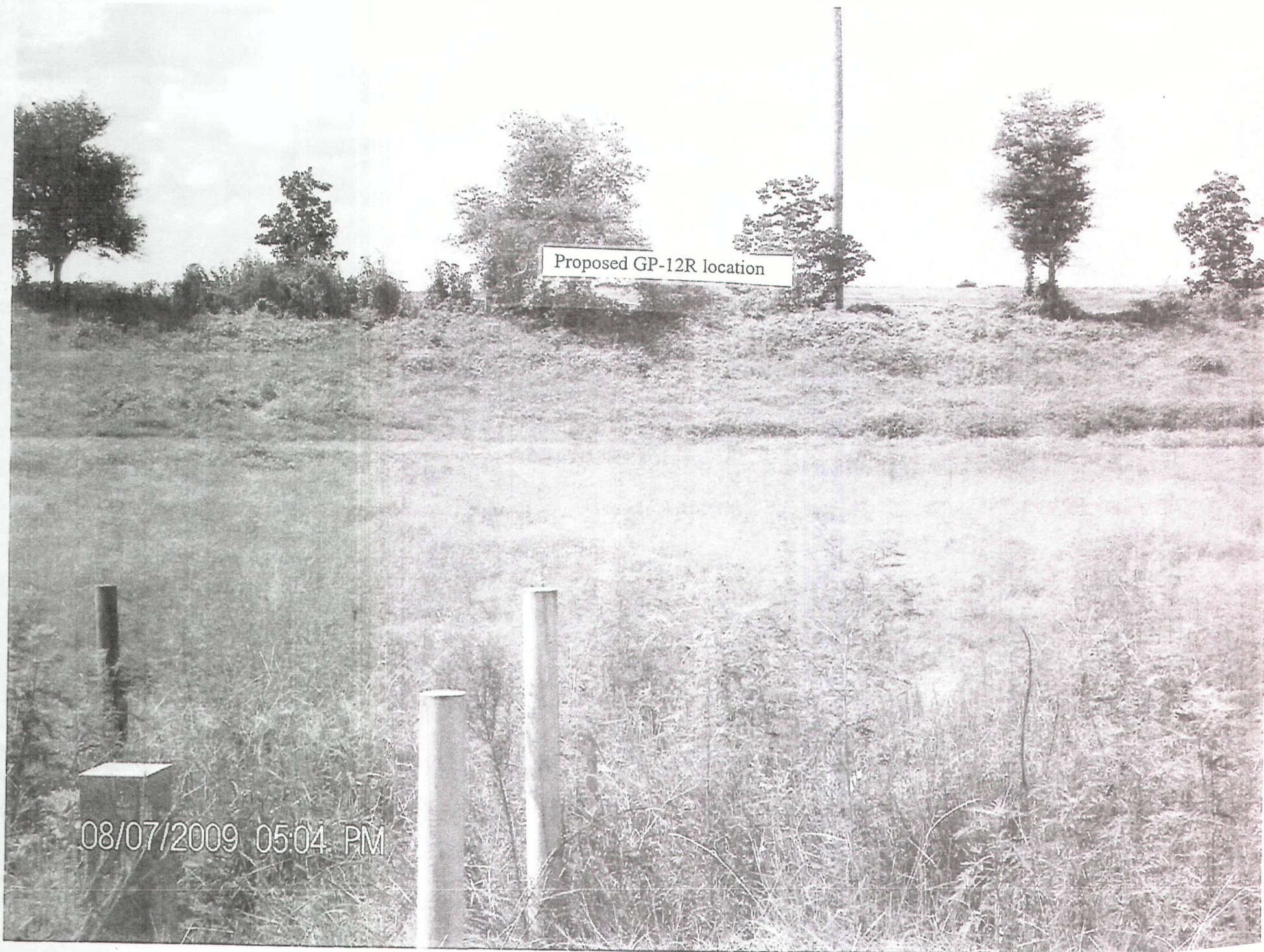
PROJECT NUMBER 00255

ENTERPRISE ROAD
RECYCLING AND DISPOSAL FACILITY
DADE CITY, FLORIDA

SITE MONITORING NETWORK

FILE NAME FIG-01.dwg
SHEET 1 OF 1

FIG-01



08/07/2009 05:04 PM

08/07/2009 05:06 PM

Proposed GP-13R location



P:\Environmental - Consolidated HDR\SOLID WASTE\ANGFLO\S\FLORIDA\ COMPLIANCE MONITORING G25 Monitoring 2009 GQ3 c:\msdcs\lucy\AngFlo.doc

Enterprise Recycling & Disposal Facility

Class III Landfill

Gas Monitoring Survey Form

Date: 7/23/2009
 Instrument: Landtec GEM 500
 Sampler: Dan Lichtenwalter - HDR Engineering, Inc.

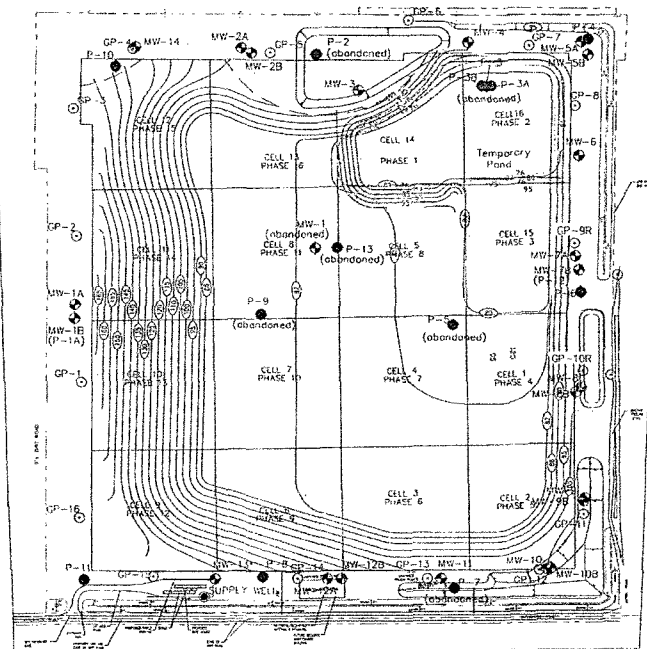
Gas Probe No.	Time of Reading	Ambient Air Temperature (° C)	Ambient Air Methane (% LEL)	Methane Level Pre-Purge Measurement	
				% CH ₄	% of LEL
GP-6	8:30 AM	28.6° C	0.0%	0.0%	0.0%
GP-7	8:36 AM	28.6° C	0.0%	0.0%	0.0%
GP-8	8:42 AM	28.6° C	0.0%	0.0%	0.0%
GP-9R	9:03 AM	28.6° C	0.0%	0.0%	0.0%
GP-10R	9:08 AM	28.6° C	0.0%	0.0%	0.0%
GP-11	9:15 AM	28.6° C	0.0%	0.0%	0.0%
GP-12	9:22 AM	28.6° C	0.0%	19.6%	392.0%
10' West GP-12	9:57 AM	28.6° C	0.0%	0.0%	0.0%
10' South GP-12	9:52 AM	28.6° C	0.0%	0.0%	0.0%
10' East GP-12	9:54 AM	28.6° C	0.0%	0.0%	0.0%
GP-13	9:33 AM	28.6° C	0.0%	7.3%	146.0%
10' West GP-13	10:14 AM	28.6° C	0.0%	0.0%	0.0%
10' South GP-13	10:09 AM	28.6° C	0.0%	0.0%	0.0%
10' East GP-13	10:12 AM	28.6° C	0.0%	0.0%	0.0%
GP-14	7:58 AM	28.6° C	0.0%	0.0%	0.0%

LEGEND

- ⊕ MW-4 MONITORING WELL LOCATION
- ⊙ GP-1 GAS PROBE LOCATION
- ⊙ P-9 PIEZOMETER WELL LOCATION
- ⊙ SUPPLY WELL
- ▲ MW-1 MONITOR WELL/PIEZOMETER (PROPOSED FOR ABANDONMENT)



SCALE IN FEET
200 0 200 400



HDR

HDR ENGINEERING, INC.
200 N. FORTYTH ST.
SUITE 900
JACKSONVILLE, FL 32202
(904) 298-8200

DATE	DESCRIPTION

PROJECT MANAGER: LOCKLEAR, P.C.
DESIGNED BY:
CHECKED BY:
DRAWN BY: DOCA
DATE: 01/10/00
PROJECT NUMBER: 000000

ENTERPRISE ROAD
RECYCLING AND DISPOSAL FACILITY
DADE CITY, FLORIDA

SITE MONITORING NETWORK

SCALE: 1"=200'

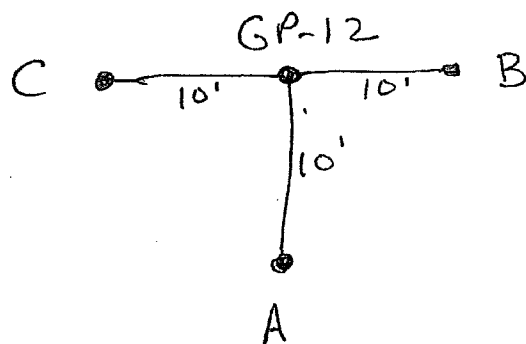
FILE NAME: FIG-01.dwg

SHEET
FIG-01

7/23/09 Dan L.

GP-12

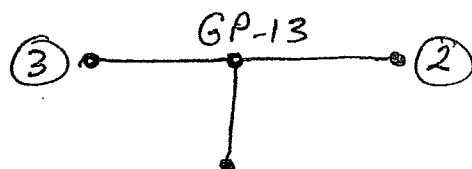
N ↑



		Time	Peak	30 sec	45 sec	60 sec	CO ₂	
bore hole	A	0952	0.0	0.0			2.2	1.
	B	0954	0.0	0.0			3.4	11
	C	0957	0.0	0.0			3.7	11

GP-13

Bore Hole ①



	Time	Peak	30 sec	45 sec	60 sec	90 sec	CO ₂	O ₂
Bore Hole ①	1009	0.0	0.0				1.8	16.8
②	1012	0.0	0.0				3.9	14.8
③	1014	0.0	0.0				2.7	15.3

State of Florida

Department of Environmental Protection Southwest District
WASTE QUANTITY SUMMARY

Facility Name:

Angeles Recycled Materials (Deer Creek Class III)

Reporting Period:

4/1/2000 - 6/30/2000

Inventory checked:

Y/N Date:

Material Description	Tons In	Tons Out	Tons Stored	Cumulative Tons Stored
Unprocessed Material				
Mixed Loads	3744			
C & D Debris	27497	3		
Class III Material	1143	3		
Brush				
Processed Material				
C & D Debris				
Class III Material				
Ferrous Metals	11087			
Non-Ferrous Metals	112			
Baled plastics				
HDPE				
PET				
Mixed				
Unbaled plastics				
HDPE				
PET				
Mixed				
Baled Paper				
Newspaper				
Cardboard				
Magazines				
Loose Paper				
Newspaper				
Cardboard				
Magazines				
Glass				
Clear				
Brown				
Green				
Mixed				

Waste Quantity Summary
Angelo's Recycled Materials

Material Description	Tons In	Tons Out	Tons Stored	Cumulative Tons Stored
Clean Wood				
Asphalt Materials	241/4 297.44	147	1250	
Concrete				
Site Specific materials				
Class 1 Wastes				
Special Wastes (list)				
Residuals				
TOTAL				

State of Florida Department of Environmental Protection Southwest District
WASTE QUANTITY SUMMARY

Facility Name:

Reporting Period:

Inventory checked:

Angelos Recycled Materials
 1/1/10 - 3/31/10
 Y/N Date: 1-1

Material Description	Tons In	Tons Out	Tons Stored	Cumulative Tons Stored
Unprocessed Material				
Mixed Loads	3819.31			
C & D Debris	48000.01			
Class III Material	11,069.42			
Brush	1,127.95			
Processed Material				
C & D Debris				
Class III Material				
Ferrous Metals	16.02	16.02	0	
Non-Ferrous Metals	1.7	1.7	0	
Baled plastics				
HDPE				
PET				
Mixed				
Unbaled plastics				
HDPE				
PET				
Mixed				
Baled Paper				
Newspaper				
Cardboard				
Magazines				
Loose Paper				
Newspaper				
Cardboard				
Magazines				
Glass				
Clear				
Brown				
Green				
Mixed				

Waste Quantity Summary
Angelo's Recycled Materials

Material Description	Tons In	Tons Out	Tons Stored	Cumulative Tons Stored
Clean Wood	N/A			
Asphalt Materials	180.82	-0	180.82	
Concrete	594.15	152.25	441.90	
Site Specific materials				
Class 1 Wastes				
Special Wastes (list)				
Residuals				
TOTAL				

Angelos Recycled Materials - Dade City

Material Totals Report with Volume and Tonnage Rage Comparison

[Date Out] Between '1/1/2010' and '3/31/2010'

4/5/2010

<u>MT Label</u>	<u>MT Net TN</u>	<u>MT Vol</u>	<u>MT Tip Fee</u>	<u>Vol Conv</u>	<u>Ton Conv</u>
1000-Concrete w/ Rebar	27.53	22.00	\$0.00	\$0.00	\$0.00
1010-Class III Mix	3,819.31	24,300.00	\$63,939.91	\$2.63	\$16.74
1030-Asphalt Load Inbound	180.82	223.40	\$0.00	\$0.00	\$0.00
1040-Asbestos Friable	3.18	52.00	\$1,040.00	\$20.00	\$327.04
1041-Asbestos Friable	386.05	2,248.40	\$42,998.00	\$19.12	\$111.38
1050-C&D Waste	449.64	3,150.00	\$9,392.07	\$2.98	\$20.89
1051-C&D - CY	16,368.06	48,079.80	\$296,744.00	\$6.17	\$18.13
1061-Asbestos Nonfriable	897.69	4,619.70	\$45,197.00	\$9.78	\$50.35
1071-Clemons Roofing	237.12	570.00	\$2,371.20	\$4.16	\$10.00
1081-Class III - CY	387.01	1,344.70	\$11,316.80	\$8.42	\$29.24
1090-Mobile Home dbl	5.00	0.00	\$1,000.00	\$0.00	\$200.00
1100-Mobile Home In	2.50	0.00	\$250.00	\$0.00	\$100.00
1302-Clay Liner (Ton)	1,287.02	1,116.00	\$3,259.65	\$2.92	\$2.53
2030-Top Soil	468.15	406.60	\$2,033.00	\$5.00	\$4.34
2040-Clay Stabilizer	8,352.07	7,210.00	\$11,692.96	\$1.62	\$1.40
2090-Aluminum Outbound	1.70	20.00	\$0.00	\$0.00	\$0.00
3000-Concrete In - No Charge	1,586.92	2,345.20	\$0.00	\$0.00	\$0.00
4050-Rip - Rap	22.06	18.00	\$18.00	\$1.00	\$0.82
4051-General Fill	3,109.95	2,653.30	\$3,605.45	\$1.36	\$1.16
4060-Stabilizer	1,650.55	1,434.60	\$1,665.90	\$1.16	\$1.01
4061-Clay Stabilizer (Ton)	56.62	54.00	\$84.94	\$1.57	\$1.50
4100-Fill Dirt	21.52	20.00	\$30.00	\$1.50	\$1.39
4130-FDOT Fill Dirt	10,993.38	10,045.00	\$21,816.50	\$2.17	\$1.98
4140-A3-Select Fill Dirt	22.11	18.00	\$60.30	\$3.35	\$2.73
4160-Ballfield Clay	278.32	266.00	\$4,592.32	\$17.26	\$16.50
6090-Weigh-in egistration	57.23	82.60	\$78.00	\$0.94	\$1.36
9670-Dirt Out from Dade to Largo	213.50	950.00	\$0.00	\$0.00	\$0.00
9800-Brush In From Bearss	355.35	1,350.00	\$3,553.50	\$2.63	\$10.00
9810-Transfer Dirt to Bearss	20.25	50.00	\$0.00	\$0.00	\$0.00
9870-Concrete to Largo	384.35	1,550.00	\$0.00	\$0.00	\$0.00
9900-Class III Trans In From Largo	9,906.23	48,042.00	\$138,687.22	\$2.89	\$14.00
9910-C&D Transfer In From Largo	931.79	2,535.00	\$13,045.06	\$5.15	\$14.00
9920-Brush In From Largo	792.60	3,600.00	\$0.00	\$0.00	\$0.00
9930-Concrete to Bearss	1,138.16	4,800.00	\$0.00	\$0.00	\$0.00
9950-Metal Out Transferred	16.02	100.00	\$0.00	\$0.00	\$0.00
Grand Total:	64,429.75	173,276.30	\$678,471.78	\$3.92	\$10.53

4th QTR

State of Florida Department of Environmental Protection Southwest District
WASTE QUANTITY SUMMARY

Facility Name:
Reporting Period:
Inventory checked

Angelos Recycled Materials (Dade City Class III)
Y/N Date: October 1, 2009 - December 31, 2009

Material Description	Tons In	Tons Out	Tons Stored	Cumulative Tons Stored
Unprocessed Material				
Mixed Loads				
C & D Debris	20,699			
Class III Material	15,871.6			
Brush	1,163			
Processed Material				
C & D Debris				
Class III Material				
Ferrous Metals	34.22			
Non-Ferrous Metals				
Baled plastics				
HDPE				
PET				
Mixed				
Unbaled plastics				
HDPE				
PET				
Mixed				
Baled Paper				
Newspaper				
Cardboard				
Magazines				
Loose Paper				
Newspaper				
Cardboard				
Magazines				
Glass				
Clear				
Brown				
Green				
Mixed				

Waste Quantity Summary
Angelo's Recycled Materials

Material Description	Tons In	Tons Out	Tons Stored	Cumulative Tons Stored
Clean Wood				
Asphalt Materials	19.05			
Concrete	1978.30	1178.10		
Site Specific materials				
Class 1 Wastes				
Special Wastes (list)				
Residuals				
TOTAL				