

# NOTICE OF PERMIT MODIFICATION

ENTERPRISE CLASS III LANDFILL,

PERMIT MODIFICATION NO.: 177982-018-SO/MM

to existing

PERMIT NO.: 177982-007-SO/T3

WACS Facility #SWD/51/87895

Pasco County

CERTIFIED MAIL NO.: 7009 1680 0001 0455 7230

Mailed April 6, 2012

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Sent To  
Mr. Dominic Iafrate, President  
Angelo's Aggregate Materials, LTD  
P O Box 1493  
Largo, FL 33771

Street, Apt. No.,  
or PO Box No.  
City, State, ZIP+

PS Form 3800, August 2006 See Reverse for Instructions

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

### 1. Article Addressed to:

Mr. Dominic Iafrate, President  
Angelo's Aggregate Materials, LTD  
P O Box 1493  
Largo, FL 33771

Enterprise CL III LF  
NOP Mod #177982-018-SO/MM  
to #177982-007-SO/T3

### 2. Article Number

(Transfer from service label)

7009 1680 0001 0455 7230

## COMPLETE THIS SECTION ON DELIVERY

### A. Signature

X

☐ Agent

☐ Addressee

### B. Received by (Printed Name)

Cozy B. Holz

### C. Date of Delivery

### D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below: ☐ No

### 3. Service Type

- ☒ Certified Mail ☐ Express Mail  
☐ Registered ☒ Return Receipt for Merchandise  
☐ Insured Mail ☐ C.O.D.

### 4. Restricted Delivery? (Extra Fee)

☐ Yes

UNITED STATES POSTAL SERVICE



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Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

Florida Department of Environmental Protection  
Southwest District  
c/o John Morris – Solid Waste  
13051 North Telecom Parkway  
Temple Terrace, FL 33637-0926

APR 11 2012  
Southwest Dist



Brantley, Anna

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**From:** Brantley, Anna  
**Sent:** Friday, April 06, 2012 1:07 PM  
**To:** Debra M. Zampetti (dzampetti@pascocountyfl.net); 'John Arnold'; 'john@locklearconsulting.com'; Tedder, Richard; Solid Waste Financial Coordinator; Morgan, Steve; Pelz, Susan; Commissioner Ann Hildebrand; Commissioner Henry Wilson; Commissioner Jack Mariano; Commissioner Pat Mulieri; Commissioner Ted Schrader; County Administrator John Gallagher; Pasco County Commissioners; Representative John Legg; Representative Peter Nehr; Representative Richard Corcoran; Representative Robert Schenck; Representative Shawn Harrison; Representative Will Weatherford; Representative Rich Glorioso; Senator Jim Norman; Senator Mike Fasano; Senator Ronda Storms  
**Cc:** Morris, John R.  
**Subject:** Notice of Permit Modification\_Enterprise Class III LF [WACS 87895]  
**Attachments:** Enterprise CL III LF\_177982-018-SO-MM.noticeofpermit [WACS 87895] 4-6-2012.pdf

Attached please find Modification of Permit for the subject Solid Waste Facility. You will only receive this electronic copy of the document. Hard copy was sent via US Certified Mail.

**NOTE:** If you have questions concerning the content of the document, please contact the DEP permit processor [john.r.morris@dep.state.fl.us](mailto:john.r.morris@dep.state.fl.us)

Acrobat Reader 6.0 or greater is required to read this document. It is available for downloading at: <http://www.adobe.com/products/acrobat/readstep.html>

If I may be of assistance, please contact me.

Anna

Anna Brantley  
Administrative Assistant II  
FL DEP / SWD / Waste Management  
13051 North Telecom Parkway  
Temple Terrace FL 33637-0629  
Tel: 813/632-7600, Ext. 377  
Fax: 813/632-7664  
[anna.brantley@dep.state.fl.us](mailto:anna.brantley@dep.state.fl.us)

*The Department of Environmental Protection values your feedback as a customer. DEP Secretary Hershel T. Vinyard Jr. is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on [this link to the DEP Customer Survey](#). Thank you in advance for completing the survey.*

Brantley, Anna

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**From:** Microsoft Exchange  
**To:** Representative John Legg; Representative Peter Nehr; Representative Richard Corcoran;  
Representative Robert Schenck; Representative Shawn Harrison; Representative Will Weatherford;  
Representative Rich Glorioso  
**Sent:** Friday, April 06, 2012 1:07 PM  
**Subject:** Relayed: Notice of Permit Modification\_Enterprise Class III LF [WACS 87895]

**Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:**

Representative John Legg

Representative Peter Nehr

Representative Richard Corcoran

Representative Robert Schenck

Representative Shawn Harrison

Representative Will Weatherford

Representative Rich Glorioso

Subject: Notice of Permit Modification\_Enterprise Class III LF [WACS 87895]

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Sent by Microsoft Exchange Server 2007

Brantley, Anna

---

**From:** Microsoft Exchange  
**To:** Debra M. Zampetti (dzampetti@pascocountyfl.net); Commissioner Ann Hildebrand; Commissioner Henry Wilson; Commissioner Jack Mariano; Commissioner Pat Mulieri; Commissioner Ted Schrader; County Administrator John Gallagher; Pasco County Commissioners  
**Sent:** Friday, April 06, 2012 1:07 PM  
**Subject:** Relayed: Notice of Permit Modification\_Enterprise Class III LF [WACS 87895]

**Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:**

Debra M. Zampetti (dzampetti@pascocountyfl.net)

Commissioner Ann Hildebrand

Commissioner Henry Wilson

Commissioner Jack Mariano

Commissioner Pat Mulieri

Commissioner Ted Schrader

County Administrator John Gallagher

Pasco County Commissioners

Subject: Notice of Permit Modification\_Enterprise Class III LF [WACS 87895]

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Sent by Microsoft Exchange Server 2007

Brantley, Anna

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**From:** Microsoft Exchange  
**To:** 'John Arnold'  
**Sent:** Friday, April 06, 2012 1:07 PM  
**Subject:** Relayed: Notice of Permit Modification\_Enterprise Class III LF [WACS 87895]

**Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:**

'John Arnold'

Subject: Notice of Permit Modification\_Enterprise Class III LF [WACS 87895]

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Sent by Microsoft Exchange Server 2007

Brantley, Anna

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**From:** Microsoft Exchange  
**To:** Morris, John R.; Tedder, Richard; Solid Waste Financial Coordinator; Pelz, Susan; Morgan, Steve  
**Sent:** Friday, April 06, 2012 1:07 PM  
**Subject:** Delivered: Notice of Permit Modification\_Enterprise Class III LF [WACS 87895]

**Your message has been delivered to the following recipients:**

Morris, John R.

Tedder, Richard

Solid Waste Financial Coordinator

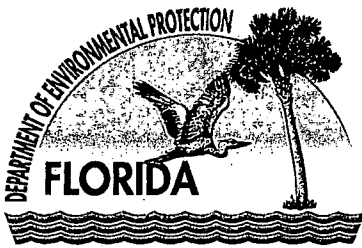
Pelz, Susan

Morgan, Steve

Subject: Notice of Permit Modification\_Enterprise Class III LF [WACS 87895]

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Sent by Microsoft Exchange Server 2007



# Florida Department of Environmental Protection

Southwest District  
13051 North Telecom Parkway  
Temple Terrace, Florida 33637-0926  
Telephone: 813-632-7600

Rick Scott  
Governor

Jennifer Carroll  
Lt. Governor

Herschel T. Vinyard Jr.  
Secretary

CERTIFIED MAIL NO. 7009 1680 0001 0455 7230  
RETURN RECEIPT REQUESTED

April 6, 2012

## NOTICE OF PERMIT MODIFICATION

Angelo's Aggregate Materials, Ltd.  
P.O. Box 1493  
Largo, FL 33779  
Attn: Mr. Dominic Iafrate, President

Re: Enterprise Class III Landfill  
Modification #177982-018-SO/MM to permit #177982-007-SO/T3  
WACS Facility #87895, Pasco County

Dear Mr. Iafrate:

Attached is modified permit #177982-018-SO/T3, issued pursuant to Section 403.087(1), Florida Statutes (F.S.), to operate the subject facility. The following revisions have been provided in modification #177982-018-SO/MM:

Specific Condition #	Type of Modification
Cover page (amended)	Refers to modification #177982-018-SO/MM.
#A.2.j. (new)	Lists materials submitted in support of the application for permit modification.
#A.8. (amended)	Refers to amended Chapter 62-701, F.A.C., effective January 6, 2010.
#E.3. (amended)	References changes to the monitoring network associated with Cell 6 and construction details provided for proposed wells MW-15B, MW-16B and MW-17B.
#E.3., #F.3. (amended)	Refers to new site map that depicts the locations of monitor wells, piezometers, and landfill gas probes.
#E.6. (amended)	Refers to amended Rule 62-532.500(5), F.A.C., effective February 16, 2012, regarding well abandonment.
#E.7. (amended)	Provides revised rule citations for evaluation monitoring and corrective actions.
#E.8.b. (amended)	Lists revisions to surface water parameter list consistent with rule revisions.
#E.10. (amended)	Lists new link to the Department's web page for information related to submittal of Electronic Data Deliverables.

This letter and its attachments constitute a **complete permit and replace** all previous permits and modifications for the referenced facility.



PERMITTEE: Angelo's Aggregate Materials, Ltd.  
Enterprise Class III Landfill  
Attn: Mr. Dominic Iafrate, President

PERMIT #177982-007-SO/T3  
MODIFICATION #177982-018  
Page 2 of 4

The Department's proposed agency action shall become final unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by this modification of permit may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000.

Petitions by the applicant or any of the parties listed below must be filed within 14 days of receipt of this written notice. Petitions filed by other persons must be filed within 14 days of publication of the notice or receipt of the written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication. The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

PERMITTEE: Angelo's Aggregate Materials, Ltd.  
Enterprise Class III Landfill  
Attn: Mr. Dominic Iafrate, President

PERMIT #177982-007-SO/T3  
MODIFICATION #177982-018  
Page 3 of 4

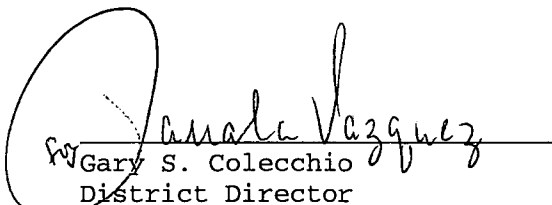
A petition that does not dispute the material facts on which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above. In accordance with Section 120.573, F.S., the Department advises that mediation is not available in this case under the provisions of that statute. This does not prevent any interested parties from agreeing to other forms of alternate dispute resolution.

Any party to this order has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110, Florida Rules of Appellate Procedure, with the clerk of the Department in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within thirty days after this order is filed with the clerk of the Department.

Executed in Hillsborough County, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

  
for Gary S. Colecchio  
District Director  
Southwest District

GSC/jrm

Attachment

PERMITTEE: Angelo's Aggregate Materials, Ltd.  
Enterprise Class III Landfill  
Attn: Mr. Dominic Iafrate, President

PERMIT #177982-007-SO/T3  
MODIFICATION #177982-018  
Page 4 of 4

**CERTIFICATE OF SERVICE**

This undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT MODIFICATION was mailed to the addressee before the close of business on April 6, 2012.

Other copies were transmitted electronically to the listed persons.

**FILING AND ACKNOWLEDGMENT FILED,**  
on this date, pursuant to  
Section 120.52(10), F.S., with the  
designated Department Clerk, receipt  
of which is hereby acknowledged.

Anna Brath  
Clerk

4/6/2012  
Date

Copies furnished to:

Pasco County Board of County Commissioners, Ann Hildebrand, Chairman, [commissioners@pascocountyfl.net](mailto:commissioners@pascocountyfl.net)  
Pasco County Notification List  
Pasco County Zoning and Site Development, Debra Zampetti, [dzampetti@pascocountyfl.net](mailto:dzampetti@pascocountyfl.net)  
John Arnold, P.E., Angelo's Aggregate Materials, Ltd., [John.Phillip.Arnold@gmail.com](mailto:John.Phillip.Arnold@gmail.com)  
John Locklear, P.G., Locklear & Associates, LLC, [john@locklearconsulting.com](mailto:john@locklearconsulting.com)  
Richard Tedder, P.E., FDEP Tallahassee  
Solid Waste Financial Coordinator, FDEP Tallahassee, [Solid.Waste.Financial.Coordinator@dep.state.fl.us](mailto:Solid.Waste.Financial.Coordinator@dep.state.fl.us)  
Susan Pelz, P.E., FDEP Southwest District  
Steve Morgan, FDEP Southwest District  
Permit Notebook



# Florida Department of Environmental Protection

Southwest District  
13051 North Telecom Parkway  
Temple Terrace, Florida 33637-0926  
Telephone: 813-632-7600

Rick Scott  
Governor

Jennifer Carroll  
Lt. Governor

Herschel T. Vinyard Jr.  
Secretary

## PERMITTEE

Angelo's Aggregate Materials, Ltd.  
P.O. Box 1493  
Largo, FL 33779

Attn: Mr. Dominic Iafrate,  
President

## PERMIT/CERTIFICATION

WACS ID No.: SWD/51/87895  
Permit No.: **177982-007-SO/T3**  
Date of Issue: **05/31/2007**  
Expiration Date: **05/31/2012**  
County: Pasco  
Lat/Long: 28° 19' 53"  
82° 08' 06"  
Sec/Town/Rge: 5 & 8/25S/22E  
Project: Enterprise Class III  
Landfill and Recycling  
Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4, 62-522 and 62-701. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or referenced in Specific Condition #A.2., and made a part hereof and specifically described as follows:

To operate a Class III Landfill, subject to the specific and general conditions attached, located north of Enterprise Road and west of Auton Road, southeast of Dade City, Pasco County, Florida. The specific conditions attached are for the operation of:

### 1. Class III Landfill

Disposal acres	Approx. 60.9 acres (Cells 1-8 and 15) [ref. SC#A.2.c, Sheet C-5]
Lowest Bottom elevation of cell	+80 ft. NGVD (Cell 15) [ref. SC#A.2.c, Sheet C-4]
Top elevation at final buildout (entire landfill-including cover)	max. +175 feet NGVD [ref. SC#A.2.c, Sheet C-12; #A.2.a(1), §3.8.1.]
Sideslopes max.	3H:1V below elevation +125 ft. NGVD, 4H:1V above el. +125 ft. NGVD [ref. SC#A.2.d, Sheets 14, 16 and 17 of 27; #A.2.a(1), §3.8]
Liner system	3 foot-thick clay (bottom only Cells 1-5, 7 and 15; bottom & sides of Cells 6, 8, 9, 10, 11), max. permeability= $1 \times 10^{-8}$ cm/sec [ref. SC#A.2.a(1), §3.10.2.]
LCS drainage system	none
Design life	3 years (Cells 1-8 and 15), 6 years (Cells 1-11 and 15) [ref. SC#A.2.a(1), Table 3.8],

**Replaces Permit No.: 177982-002-SO (including modifications)**

**Includes modification Nos.** 177982-012 dated 10/31/2007; 177982-013 and 177982-014 dated 02/20/2008; 177982-015 dated 09/10/2008; 177982-016-MM dated 01/07/2010; and 177982-018-SO/MM dated 04/06/2012.

This permit contains compliance items summarized in Attachment 1 that shall be complied with and submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

**GENERAL CONDITIONS:**

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

**GENERAL CONDITIONS:**

11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
  - (a) Determination of Best Available Control Technology (BACT)
  - (b) Determination of Prevention of Significant Deterioration (PSD)
  - (c) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
  - (d) Compliance with New Source Performance Standards
14. The permittee shall comply with the following:
  - (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
  - (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
  - (c) Records of monitoring information shall include:
    1. the date, exact place, and time of sampling or measurements;
    2. the person responsible for performing the sampling or measurements;
    3. the dates analyses were performed;
    4. the person responsible for performing the analyses;
    5. the analytical techniques or methods used;
    6. the results of such analyses.

**PERMITTEE:** Angelo's Aggregate Materials, Ltd.

**PERMIT NO.:** 177982-007-SO/T3  
**Enterprise Class III Landfill**

**GENERAL CONDITIONS:**

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.



**SPECIFIC CONDITIONS: PART A -Solid Waste Facility General Requirements**

1. **Facility Designation.** This site shall be classified as a Class III landfill for disposal of construction and demolition debris and Class III wastes only, and shall be operated in accordance with all applicable requirements of Chapters 62-4, 62-302, 62-330, 62-520, 62-522, 62-550, and 62-701, Florida Administrative Code (F.A.C.) and all applicable requirements of Department rules.

2. **Permit Application Documentation.** This permit is valid for operation of fill sequences 1 through 7 (shown on Sheet C-5 [ref.SC#A.2.c]) of the Class III landfill and related systems in accordance with Department rules, and the reports, plans and other information prepared by Tetra Tech HAI (TTHAI) and Jones, Edmunds & Associates (JEA) (unless otherwise specified) as follows:

a. Enterprise Recycling and Disposal Facility Class III Landfill Permit Renewal Application, Pasco County, (one 3-ring binder) dated August 2005 (received August 23, 2005), prepared by TTHAI, as revised, replaced or amended (information inserted into original) dated February 8, 2006 (TTHAI), June 2006 (JEA), November 2006 and April 13, 2007 (JEA) (received February 9, 2006, July 6, 2006, November 13, 2006 and April 18, 2007). This information includes, but is not limited to:

1) Engineering Report, Section 3 including revisions described in SC#A.2.g, and A.2.i., below, Amended 02/20/2008; 01/07/2010.

2) Operations Plan, Appendix 3-A, including revisions described in SC#A.2.g., A.2.h., and A.2.i. below, Amended 02/20/2008; 09/10/2008; 01/07/2010.

3) Contingency Plan, Appendix 3-B,

4) Groundwater Monitoring Plan, Section 5, including revisions described in SC#A.2.i., below, Amended 01/07/2010.

5) Reclamation and Closure Plan (including long-term care plan), Section 7;

b. Responses to Request for Additional Information, (one 3-ring binder) dated February 8, 2006 (TTHAI), June 2006 (JEA), November 2006 (JEA), and April 13, 2007 (JEA) (received February 9, 2006, July 6, 2006, November 13, 2006 and April 18, 2007) (replacement pages inserted into original [ref.SC#A.2.a.] as appropriate, other attachments included in this binder);

c. Plan Sheets titled, Angelo's Recycled Materials Enterprise Recycling and Disposal Facility (25 sheets) dated November 2006 (received November 13, 2006) including revisions described in SC#A.2.g., and A.2.i., below, prepared by JEA (note: reduced size set in Attachment 7 of November 2006 submittal by JEA [ref.SC#A.2.b.]); Amended 02/20/2008; 01/07/2010.

**SPECIFIC CONDITIONS: PART A -Solid Waste Facility General Requirements**

(Specific Condition #A.2., cont'd)

d. Topographic Surveys (Sheets 1 through 3 of 3, 1 through 6 of 6 and reduced size survey dated March 9, 2006), prepared by Pickett Surveying and Photogrammetry, received November 13, 2006.

e. Permit application for minor modification and supporting documents regarding revisions to the perimeter gas probe locations, prepared by HDR Engineering, Inc., received August 6, 2007, with replacement pages received September 18, 2007.  
New 10/31/2007.

f. Permit application for minor modification and supporting documents regarding changes to the monitor well network for Sequences 2, 3, and 4 [Cells 3, 4, and 5] including the abandonment of well MW-1, installation of well MW-1A, and abandonment of piezometer P-2, prepared by HDR Engineering, Inc., received September 27, 2007 and November 26, 2007.  
New 02/20/2008.

g. Permit application for minor modification and supporting documents (unbound documents) regarding sequence of fill dated November 28, 2007 (received November 29, 2007), prepared by Jones, Edmunds & Associates, including, but not limited to:

1) revised Operations Plan pages inserted into Appendix 3-A [ref. SC#A.2.a(2) above],

2) revised plan sheets V-2, C-8, C-8A, C-9, and C-22 inserted into Plan Sheet set [ref. SC#A.2.c], and

3) revised Engineering Report pages inserted into Appendix 3 [ref. SC#A.2.a(1) above].

New 02/20/2008.

h. Request for minor permit modification (unbound document in file) regarding "Incidental Plastics and Cardboard Recycling," dated June 13, 2008 (received June 16, 2008), prepared by Angelo's Recycled Materials Ltd., including:

1) revised Operations Plan page (page 8) inserted into Appendix 3-A [ref. SC#A.2.a(2) above].

New 09/10/2008.

**SPECIFIC CONDITIONS: PART A -Solid Waste Facility General Requirements**

(Specific Condition #A.2., cont'd)

i. Request for minor permit modification (3-ring binder) regarding sequence of fill and modification of the monitoring plan dated August 6, 2009 (received August 7, 2009), October 21, 2009 (received October 22, 2009), and November 19, 2009 (received November 23, 2009), prepared by Jones, Edmunds & Associates, including but not limited to:

- 1) revised Engineering Report pages inserted into Section 3 [ref. SC#A.2.a.(1), above],
- 2) revised Operations Plan pages inserted into Appendix 3-A [ref. SC#A.2.a.(2), above],
- 3) revised plan sheets C-5, C-8A, C-9 through C-13, C-15, and C-18 through C-20 [ref. SC#A.2.c., above], and,
- 4) revised Ground Water Monitoring Plan pages inserted into Section 5 [ref. SC#A.2.a.(4), above].

New 01/07/2010.

j. Letter requesting minor permit modification regarding revisions to the monitoring plan [ref. SC#A.2.a.(4) and SC#A.2.i.(4), above] associated with filling in Cell 6, including the installation of proposed wells MW-15B, MW-16B, and MW-17B, prepared by Locklear & Associates, LLC, dated February 23, 2012 (received February 24, 2012). Application fee for minor permit modification (check #1001) transmitted by letter prepared by Locklear & Associates, LLC, dated February 25, 2012 (received February 28, 2012).

New 04/06/2012.

**3. Permit Modifications.**

a. Any construction, operation or other activities not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate, or unless otherwise approved in writing by the Department. Any significant changes to the construction or operation at the facility shall require a permit modification. Permits shall be modified in accordance with the requirements of Rule 62-4.080, F.A.C. A modification which is reasonably expected to lead to substantially different environmental impacts which require a detailed review by the Department is considered a substantial modification.

b. This permit does not authorize operation of disposal Cells 9, 10, 11, 12, 13, 14 or 16. Operation in these cells requires a permit modification that includes revised slope stability calculations for the excavation slopes and working slopes.

c. Cells 14 and 16 are authorized to be used as temporary stormwater/leachate control.

**SPECIFIC CONDITIONS: PART A -Solid Waste Facility General Requirements**

(Specific Condition #A.3., cont'd)

d. This permit authorizes recycling of concrete, clean wood wastes, scrap metal, cardboard and plastic only [ref. SC#A.2.a(2), §5.7]. Recycling of other materials may require a permit modification. Amended 09/10/2008.

4. **Permit Renewal.** No later than October 30, 2011, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules. Permits shall be renewed at least every five years as required by Rule 62-701.320(10)(b), F.A.C.

5. **Professional Certification.** Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), Florida Statutes, applicable portions of permit applications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared or approved them.

6. **General Conditions.** The permittee shall be aware of and operate under the "General Conditions". General Conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.

7. **Permit Acceptance.** By acceptance of this Permit, the Permittee certifies that he/she has read and understands the obligations imposed by the Specific and General Conditions contained herein and also including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

8. **Regulations.** Chapter 62-701, F.A.C., effective January 6, 2010, is incorporated into this permit by reference. In the event that the regulations governing this permitted operation are revised, the Department shall notify the permittee, and the permittee shall request modification of those specific conditions which are affected by the revision of regulations to incorporate those revisions.

Amended 04/06/2012.

9. **Prohibitions.** The prohibitions of Rule 62-701.300, F.A.C., shall not be violated by the activities at this facility.

a. In the event that limestone is encountered during excavation or construction activities, the excavation/construction activities shall cease and the Department shall be notified **within 24 hours of discovery**. Written notification shall be submitted **within 7 days of discovery**. The written notification shall include the location, elevation, and extent of limestone noted on a plan sheet, a description of the materials encountered, and a plan of action which ensures that groundwater will not be adversely affected by the continued construction and operation of the facility. Excavation or construction activities shall not resume in the affected area until the Department-approved plan of action has been completed.

**SPECIFIC CONDITIONS: PART A -Solid Waste Facility General Requirements**

(Specific Condition #A.9., cont'd)

b. In the event that surface depressions or other occurrences which may be indicative of sinkhole activity or subsurface instability, are discovered onsite, or within 500 feet of the site, the Department shall be notified in accordance with Specific Condition #C.6.b. The written notification shall include a description of the incident, the location and size of the affected area shown on an appropriate plan sheet, and a corrective action plan which describes the actions necessary to prevent the unimpeded discharge of waste or leachate into ground or surface water.

c. Open burning of solid waste is prohibited except in accordance with Rule 62-701.300(3) and Chapter 62-256, F.A.C. All fires which require longer than one (1) hour to extinguish must be promptly reported to the Department in accordance with Specific Condition #C.6.b.

d. The lowest cell bottom elevation (Cells 3, 6-11) is approximately **+81.6 feet NGVD** (top of clay in Cell 3). In the event that subsequent groundwater monitoring indicates that the groundwater may adversely impact the clay liner, information that addresses the requirements of Rule 62-701.400(11), F.A.C. shall be submitted for Department review and approval. In the event that corrective actions are required, a permit modification may be required.

PERMITTEE: Angelo's Aggregate Materials, Ltd.

PERMIT NO.: 177982-007-SO/T3  
Enterprise Class III Landfill

**SPECIFIC CONDITIONS: PART B - Construction Requirements**

1. **Construction.** All construction activities shall be approved by the Department prior to initiating work, unless specifically authorized otherwise.

a. This permit authorizes the operation of **Cells 1-7 and Cell 15** of the Class III disposal facility. This permit does not authorize the **construction** of these Cells. Construction of new cells shall be in accordance with Construction Permit #177982-008-SC/T3 or its successors.  
Amended 01/07/2010.

2. **Certification of Construction Completion.** Certification of Construction completion shall be provided for each new cell in accordance with the conditions of Construction Permit #177982-008-SC/T3 or its successors.

**SPECIFIC CONDITIONS: PART C - Operation Requirements**

**1. Facility Operation Requirements.**

a. The permittee shall operate this facility in accordance with Rules 62-701.500 and 62-701.530, F.A.C., the **Operation Drawings** [ref. SC#A.2.c], the **Operations Plan** [ref. SC#A.2.a(2)] and any other applicable requirements.

b. This permit does not authorize the management of septage, sludge, industrial wastes, household hazardous wastes, Class I wastes, oily wastes, or other wastes not specifically defined in Rule 62-701.200(14), F.A.C., as Class III wastes.

c. Leachate shall not be deposited, injected, dumped, spilled, leaked, or discharged in any manner to soils, surface water or groundwater in violation of Rule 62-701.300(1)(b), F.A.C., at any time during the construction or operation of this facility.

d. Site Inspections.

1) The owner or operator shall inspect the site for erosion and settlement (low spots and improperly graded areas) daily on operating days. Erosion and settlement shall be repaired in accordance with Specific Condition #C.6, and Sections 8.2 and 20.0 of the *Operations Plan*.

2) The owner or operator shall inspect the landfill facility for the presence of objectionable odors at the property boundary **daily on operating days** [ref. SC#A.2.a(2), §10.1.]. In the event that objectionable odors are detected at the property boundary, the owner or operator shall abate the odors in accordance with Specific Condition #C.5.

3) The owner or operator shall inspect the normal traffic areas of the facility for litter **daily**. The property boundaries shall be inspected for litter **daily** [ref. SC#A.2.a(2), §13.0]. Litter shall be collected and disposed of in the Class III landfill, **at least once per day**, or more often as necessary. In the event that the litter control program is ineffective, the operator shall notify the Department, and implement additional litter control measures **within 30 days**.

e. Equipment. In the event of equipment breakdown or scheduled maintenance, the owner or operator shall ensure that sufficient reserve equipment is operating at the site within 24 hours of the occurrence [ref. SC#A.2.a(2), §4.0, §17.0]. In the event that sufficient reserve equipment is not obtained within 24 hours, the permittee shall notify the Department in accordance with Specific Condition #C.6.b., below and provide a schedule for corrective actions.

f. Fires.

1) In the event of fires, natural disasters or other emergency conditions, the permittee shall comply with the *Contingency Plan* [ref. SC#A.2.a(3)] and the conditions of this permit.

**SPECIFIC CONDITIONS: PART C - Operation Requirements**

(Specific Condition #C.1.f., cont'd)

2) In the event of a fire which requires offsite assistance from the local fire protection authorities, the Department shall be notified pursuant to Specific Condition C.6.b., and the owner or operator shall cease disposal of waste in the affected area until the fire has been completely extinguished, or as otherwise specified by the Department. Trenches cut into the waste shall not be used to extinguish fires without prior Department approval.

3) *Hot loads.* All waste received in "hot loads" shall be spotted and unacceptable wastes removed after the fire is extinguished and before pushing and compacting in the disposal area. In the event that the waste type (i.e. that it is Class III waste) cannot be determined after the fire is extinguished, the waste shall be removed for disposal at a Class I landfill.

g. In the event of fire, hurricane or other severe natural event, inoperable equipment, lack of qualified personnel, or stormwater control problems which allow prolonged (**greater than 72 hours**) contact of ponded water with waste, the facility shall cease disposing waste in the affected area until appropriate drainage has been restored.

h. Top gradients of intermediate cover shall be designed to prevent ponding or low spots and minimize erosion. **Daily**, the owner or operator shall operate the facility, maintain grades, or utilize berms and swales, to prevent ponded water within the disposal areas.

i. All waste debris or materials shall be unloaded inside the designated disposal area. Waste shall not be disposed (unloaded, spread, or compacted) during non-daylight hours [see SC#A.2.a(2), §2.3].

j. The permittee shall clearly stake/mark the location of the edge of the permitted disposal area and maintain the locations as the landfill increases in elevation.

**2. Operating Personnel.**

a. A trained operator (trained in accordance with the Section 15.1 of the *Operations Plan* [ref. SC#A.2.a(2)]) shall be on duty at the facility whenever the facility is operating and shall be responsible for operating and maintaining the facility in an orderly, safe, and sanitary manner.



**SPECIFIC CONDITIONS: PART C - Operation Requirements**

(Specific Condition #C.2., cont'd)

b. A sufficient number of trained spotters (at least one trained spotter) shall be on the ground at the tipping areas (including the yard trash processing area) at all times that waste is being accepted at the facility to inspect each load of waste as it is unloaded and spread, and shall remove prohibited materials prior to processing [ref. SC#A.2.a(2), §5.1, §15.1.]. Training of spotters shall be in accordance with the Section 15.1 of the *Operations Plan*.

c. A sufficient number of trained personnel shall be available to adequately operate the facility. In the event that a trained operator or spotter is not available at the site, the facility shall be closed and shall not accept waste. In the event that unacceptable wastes are not adequately removed from the waste prior to disposal, additional trained spotters shall be required.

d. The permittee shall notify the Department in writing of a change of the primary on-site supervisor within 7 days of the effective start date of this new responsible individual. Training documentation shall be maintained at the landfill site, and copies shall be provided to the Department upon request.

3. **Control of Access.** Access to, and use of, the facility shall be controlled as required by Rule 62-701.500(5), F.A.C. Adequate access to the working face shall be provided for all weather conditions while the facility is receiving waste for disposal.

4. **Monitoring of Waste.**

a. Wastes shall be monitored as required by Rule 62-701.500(6), F.A.C., including a load checking program and associated activities. The owner or operator shall conduct three random load checks per week at the active working face [ref. SC#A.2.a(2), §5.5]. Documentation of the three random load checks, including descriptions (type and quantity) of unacceptable wastes discovered, shall be maintained on-site, and copies provided to the Department upon request.

b. The permittee shall not accept hazardous waste or any hazardous substance at this site. Hazardous wastes are wastes listed in 40 CFR 261 Subpart D as hazardous or are wastes characterized in 40 CFR 261 Subpart C as hazardous. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule. Sludges or other wastes which may be hazardous should be disposed of in accordance with Rules 62-701.300(4) and 62-701.500(6)(b), F.A.C. In the event that hazardous wastes are discovered, the Department shall be notified in accordance with Specific Condition #C.6.b.

**SPECIFIC CONDITIONS: PART C - Operation Requirements**

**5. Control of Nuisance Conditions.**

a. The owner or operator shall control odors, vectors (mosquitoes, other insects, rodents), and fugitive particulates (dust, smoke) arising from the operation so as to protect the public health and welfare. Such control shall minimize the creation of nuisance conditions on adjoining property. Complaints received from the general public, and confirmed by Department personnel upon site inspection, shall constitute a nuisance condition, and the permittee must take immediate corrective action to abate the nuisance.

b. To reduce the potential for the offsite migration of objectionable odors, the owner or operator shall:

- 1) Cover unacceptable waste containers with a waterproof cover;
- 2) Apply soil cover in accordance with the *Operations Plan* [Egr. Rpt., SC#A.2.a(1), §3.10.1]
- 3) Minimize the storm water infiltration and accumulation in the waste by maintaining grades and berms and removal of water which has accumulated within the disposal area.

c. In the event that the odor control measures performed at the facility, do not sufficiently abate objectionable odors at the property boundary, **within sixty (60) days** of initial detection, the owner or operator shall submit an odor abatement plan to the Department for approval. The odor abatement plan shall include at a minimum, a description of the proposed corrective actions and a schedule for implementation.

**6. Facility Maintenance and Repair.**

a. The site shall be properly maintained including maintenance of access roads to disposal areas, equipment, stormwater management systems, cover systems and berms, gas monitoring system, and groundwater monitoring system. Erosion and ponded water in disposal areas shall be prevented. Erosion in the stormwater management system shall be minimized.

b. In the event of damage to any portion of the landfill site facilities, unauthorized leachate discharge, failure of any portion of the landfill systems, damaged or dry groundwater monitoring wells, damage to the bottom clay layer, fire, explosion, the development of sinkhole(s) or other subsurface instability at the site, landfill gas exceedances, etc., the permittee shall **immediately (within 24 hours)** notify the Department explaining such occurrence and remedial measures to be taken, method to prevent reoccurrence, and time needed for repairs. Written, detailed notification shall be submitted to the Department within seven (7) days following the occurrence.

**SPECIFIC CONDITIONS: PART C - Operation Requirements**

(Specific Condition #C.6., cont'd)

c. In the event that any portion of the groundwater monitoring system is damaged or unable to be sampled, corrective actions shall be completed **within sixty (60) days** of the written notification specified in Specific Condition #C.6.b., unless otherwise approved by the Department. Corrective actions which include relocation or installation of new groundwater monitoring wells shall be in accordance with Specific Condition #E.5., or as otherwise approved by the Department.

d. In the event that the stormwater management system or bottom clay layer is damaged or is not operating effectively, corrective actions shall be implemented **within thirty (30) days** of the written notification specified in Specific Condition #C.6.b., unless otherwise approved by the Department.

e. Intermediately covered areas, or areas which discharge to the stormwater management system, which exhibit significant erosion shall be repaired **within 48 hours of detection**, or by the close of the next business day, whichever occurs first. For the purposes of compliance with this Specific Condition, "significant" means that either:

- 1) the soil cover materials have eroded such that greater than 50% of the soil in that location has been eroded, or
- 2) waste is exposed.

f. In the event that the intermediately covered side slopes exhibit chronic, "significant" erosion as defined above, a corrective action plan shall be submitted to the Department **within thirty (30) days** of written notification and request from the Department and corrective actions shall be implemented in accordance with the Department approved corrective action plan.

g. Areas which have received final cover, and which exhibit significant erosion as defined above, shall be repaired **within 72 hours of detection**.

h. Settlement. Areas which exhibit settlement (low spots and improperly graded areas) that may cause ponding of water shall be repaired (additional soil placed, regraded, seeded and/or sodded) **within seven (7) days**.

**SPECIFIC CONDITIONS: PART C - Operation Requirements**

**7. Stormwater System Management.**

a. The site shall have a surface water management system designed, constructed, operated, and maintained to prevent surface water from running onto waste filled areas and a stormwater runoff control system designed, constructed, operated, and maintained to collect and control stormwater to meet the requirements of Chapter 62-330, F.A.C., and the requirements for management and storage of surface water in accordance with Rule 62-701.500(10), F.A.C., to meet applicable standards of Chapters 62-3, 62-302, and 62-330, F.A.C. All stormwater conveyances shall be inspected at least weekly to verify adequate performance. Conveyances not performing adequately shall be repaired in accordance with the procedures specified in the *Operations Plan* [ref.SC#A.2.a(2), §10.3.]. Documentation of all inspections and repairs shall be kept on file at the facility.

b. Maintenance of the surface water management system shall be conducted in accordance with Section 10.3 of the *Operations Plan* and Section 7.2. of the *Reclamation and Closure Plan* [ref.SC#A.2.a(5)].

**8. Leachate Management.**

a. Leachate shall be managed in accordance with the requirements of Specific Condition #E.9. and Rule 62-701.300(1), F.A.C.

**9. Special Wastes Handling Requirements.**

a. The design, operation, and monitoring of disposal or control of any "special wastes" shall be in accordance with the procedures provided in the *Operation Plan* [ref.SC#A.2.a(2)]; the Engineering Report [ref.SC#A.2.a(1)]; Rules 62-701.300(8) and 62-701.520, F.A.C.; and any other applicable Department rules, to protect the public safety, health and welfare. The special wastes shall be stored and managed such that discharge of contaminants to the environment is prevented. The special wastes shall be handled on a first-in, first-out basis. The special wastes shall be stored in a location which does not interfere with the sequence of filling.

b. Scrap metal. Scrap metal separated from the waste stream may be temporarily stored adjacent to the working face until the end of each working day. Except as described in this specific condition, the scrap metal and white goods shall be stored in a rolloff container and shall be removed from the site **monthly**. White goods which may contain freon shall be managed such that the freon or other contaminants are not discharged to the environment. Scrap metals which may include residual contaminants such as gasoline, oil, paint, antifreeze, PCBs, etc., shall be stored and managed such that the residues or constituents thereof are not spilled, leaked, dumped, or otherwise discharged onto the soil or into surface or groundwaters. Scrap metals storage containers shall be tarped at the end of each working day and in the event of inclement weather.

**SPECIFIC CONDITIONS: PART C - Operation Requirements**

(Specific Condition #C.9.; cont'd)

c. Yard Waste/Land Clearing Debris. The yard trash processing facility shall be operated in accordance with the requirement of Rule 62-709.320, F.A.C., the Operations Plan [ref. SC#A.2.a(2), §5.8], and the conditions of this permit. A spotter shall be present at the yard trash disposal area at all times that wood wastes are being disposed. The spotter shall inspect each load as it is dumped, and shall remove all unacceptable wastes. Wood wastes shall be processed at least once every 180 days [ref. SC#A.2.a(2), §5.8]. A 50/50 mixture of mulched yard trash/land clearing debris and soil may be used for weekly cover or for slope stabilization within the disposal area.

d. Asbestos. Asbestos shall be managed in accordance with Rule 62-701.520(4), F.A.C., Section 5.6 of the Operations Plan [ref. SC#A.2.a(2)]; and all other applicable federal and Department rules. Asbestos containing materials shall be covered by a minimum 6-inches of soil at the end of each day that asbestos is received at the facility.

e. Contaminated soil. Soils that are reasonably believed to be contaminated shall not be disposed at this site. In order to ensure that these materials are not inadvertently received at the site, for all loads with large quantities of soil, **prior to the acceptance of the load**, the permittee shall request the following information for each load: name, address and phone number of generator (i.e., jobsite where material is generated), a certification from the generator that the material is not known to be contaminated and/or did not originate from a contaminated former waste disposal area.

f. Excavated wastes. Wastes excavated from the redevelopment of former disposal sites/areas may be disposed at this site on a case-by-case basis only with Department approval prior to acceptance of the materials [ref. SC#A.2.a(2), §5.4].

g. Batteries, paint, chemicals. These materials that are received incidentally in the wastes shall be managed as unacceptable wastes, removed from the incoming loads and stored in a fully enclosed storage container [SC#A.2.a, Response 14.c., 7/3/06], and shall be stored **no longer than 30 days**.

**10. Waste Handling Requirements.**

a. A sufficient number of spotters shall be utilized at the facility for removing unacceptable wastes [ref. SC#A.2.a(2), §5.1]. In the event that unacceptable wastes are not adequately removed due to inadequate personnel, additional trained spotters shall be required.

**SPECIFIC CONDITIONS: PART C - Operation Requirements**

(Specific Condition #C.10., cont'd)

b. A trained spotter shall be positioned at the working face to inspect each load from ground level (i.e. while off of the equipment) as it is being received, unloaded and as it is spread and compacted and remove unacceptable wastes [ref. SC#A.2.a(2), §5.1].

c. Unauthorized Wastes.

1) Unauthorized wastes shall be removed from the waste and stored in containers located immediately adjacent to (within 150 feet) the active face. Non-putrescible unacceptable wastes shall be removed for disposal **within 30 days** or when the container is full, whichever occurs first [ref. SC#A.2.a(2), §5.3].

2) Containers which store putrescible wastes shall be covered/tarped at the end of each business day, and in the event of inclement weather. Putrescible wastes shall be stored no longer than 48 hours.

3) Unauthorized wastes shall be removed from the incoming loads immediately, and no other loads shall be dumped in the vicinity until all unacceptable wastes have been removed and stored in the containers provided. No more than two loads shall be allowed to dump simultaneously per spotter at the working face [ref. SC#A.2.a(2), §5.1].

**11. Waste Covering Requirements.** All solid waste disposed of in the Class III landfill shall be covered as required by Rule 62-701.500(7), F.A.C.

a. Initial Cover. Initial cover shall be applied and maintained at the end of each week in the Class III landfill in accordance with Rule 62-701.500(7)(e), F.A.C., so as to protect the public health and welfare.

b. Alternate Initial Cover. Initial cover shall consist of a minimum of 6-inch thick soil layer, unless alternate initial cover has been approved by the Department for use at this facility. Alternate initial cover materials shall be approved by the Department prior to use at the facility.

c. Intermediate Cover. Intermediate cover shall be applied and maintained in accordance with Rules 62-701.500(7)(f), F.A.C. Cover materials other than soil (unless identified herein) shall not be used for intermediate cover without prior written Department approval.

d. Contaminated soils shall not be accepted at this facility for disposal or use as initial, intermediate or final cover.

**12. Working Face.**

a. Pursuant to Rule 62-701.500(7)(d), F.A.C., the owner or operator shall minimize the size of the working face to minimize leachate and the unnecessary use of cover material.

**SPECIFIC CONDITIONS: PART C - Operation Requirements**

(Specific Condition #C.12., cont'd)

b. Waste slopes (including the working face slope) shall not exceed a slope of 3H:1V up to elevation +125 ft. NGVD. Above this elevation, slopes shall not exceed 4H:1V [ref. SC#A.2.a(1), §3.8; #A.2.a(2), §8.1].

**13. Method and Sequence of Filling.**

a. The method and sequence of filling shall be in accordance with the Permit Drawings [ref. SC#A.2.c], Operations Plan [ref. SC#A.2.a(2), §8.0] and Engineering Report [ref. SC#A.2.a(1), §3.8] (as amended), or as otherwise approved in writing by the Department.  
Amended 02/20/2008.

b. No waste shall be accepted in newly constructed Cells until the following requirements have been completed and submitted by the Permittee, and approved by the Department, for the constructed Cell:

- 1) Certification of Construction Completion requirements in accordance with the conditions of Construction Permit #177982-008-SC/T3 or its successors.
- 2) financial assurance requirements of Specific Condition #D.4.c.,
- 3) construction of groundwater monitoring wells and gas probes as required by Specific Conditions #E.3, E.5., and F.3. and
- 4) construction of required portions of the stormwater management system.

c. The owner or operator shall conduct a topographic survey of, and shall estimate the remaining disposal capacity and site life of each disposal area as required by Rule 62-701.500(13)(c), F.A.C. [ref. SC#A.2.a(2), §19.0]. **Annually, no later than April 15<sup>th</sup> each year,** a copy of this survey, supporting capacity calculations, signed and sealed by a registered professional engineer and/or licensed professional land surveyor as appropriate shall be submitted to the Department. The survey shall demonstrate that the above-grade sideslopes are no greater than the design slopes, that the top elevation does not exceed design elevation, and that all other design features and related improvements conform to the Department-approved permit drawings. The capacity estimate shall include updated design lifetime (e.g. years, months) calculations.

**SPECIFIC CONDITIONS: PART D - Recordkeeping**

1. **Report submittals.** Unless otherwise specified, all submittals, notifications, requests for permit modification, reports for compliance with this permit, etc. shall be sent to: Solid Waste Section, Department of Environmental Protection, Southwest District Office, 13051 North Telecom Parkway, Temple Terrace, Florida 33637-0926.
2. **Operation Plan and Operating Record.** Each landfill owner or operator shall have an operational plan which meets the requirements of Rule 62-701.500(2), F.A.C. A copy of the Department approved permit, operational plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections. Operating records as required by Rule 62-701.500(3), F.A.C., are part of the operations plan, and shall also be maintained at the site.
3. **Waste Records.**
  - a. Waste records shall be maintained as required by Rule 62-701.500(4), F.A.C. The owner or operator of the facility shall weigh each load of waste as it is received (with scales at the facility) and record, in tons per day, the amount of waste debris and material received. This information shall be compiled **monthly** and submitted to the Department (Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, M.S. 4565, Tallahassee, Florida 32399-2400) **quarterly, by January 15<sup>th</sup>, April 15<sup>th</sup>, July 15<sup>th</sup> and October 15<sup>th</sup> of each year.** Waste shall not be accepted for disposal at the landfill unless weight scales are available at the facility and are in proper working condition.
  - b. The following reports, documents and other information shall be kept at the facility for reference, and copies shall be provided to the Department upon request:
    - 1) Waste quantity reports required by Rule 62-701.500(4), F.A.C.
    - 2) A log of the facility operator's weekly inspections, and any subsequent corrective actions;
    - 3) Load checking records;
    - 4) Rejected Load Forms [ref. SC#A.2.a(2), §5.1], and a list of incidents of disposal of contaminated soil or other industrial wastes or sludges. This list should include the generator's name and address, and a description of the waste disposed;
    - 5) Operator and spotter training certificates and other documentation; and
    - 6) Log of odor complaints and corrective action.



PERMITTEE: Angelo's Aggregate Materials, Ltd.

PERMIT NO.: 177982-007-SO/T3  
Enterprise Class III Landfill

**SPECIFIC CONDITIONS: PART D - Recordkeeping**

(Specific Condition #D.3.b., cont'd)

7) Records as described in Rule 62-701.500(13). These records shall include all certifications for construction completion;

8) Documentation of incidents reported pursuant to Specific Condition C.6.; and

9) Water quality and gas monitoring reports.

4. **Financial Assurance.** The permittee shall provide adequate financial assurance for this facility and related appurtenances in accordance with Rule 62-701.630, F.A.C.

a. All costs for closure shall be adjusted and submitted **annually, by March 1<sup>st</sup> each year** to: Solid Waste Manager, Solid Waste Section, Department of Environmental Protection, 13051 North Telecom Parkway, Temple Terrace, Florida 33637-0926.

b. Proof that the financial mechanism has been adequately funded shall be submitted **annually** to: Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, MS#4565, Tallahassee, Florida 32399-2400.

c. Proof of the initial funding of the financial assurance mechanism shall be submitted **no later than 60 days prior to receipt** of waste in each Cell.

**SPECIFIC CONDITIONS: PART E - Water Quality Monitoring Requirements**

**1. Water Quality Monitoring Quality Assurance.**

a. All field work done in connection with the facility's Water Quality Monitoring Plan shall be conducted in accordance with the Standard Operating Procedures (SOPs) described in DEP-SOP-001/01 dated March 31, 2008 [or as replaced by successor SOPs], as referenced in Rule 62-160.210(1), F.A.C. All laboratory analyses done in connection with the facility's Water Quality Monitoring Plan shall be conducted by firms that hold certification from the Department of Health, Environmental Laboratory Certification Program under Chapter 64E-1, F.A.C., as referenced in Rule 62-160.300(1), F.A.C. The SOPs utilized and the laboratory's list of certified test methods and analytes must specifically address the types of sampling and analytical work that are required by the permit and shall be implemented by all persons performing sample collection or analysis related to this permit. Alternate field procedures and laboratory methods may be used if approved according to the requirements of Rules 62-160.220 and 62-160.330, F.A.C., respectively.

Amended 01/07/2010.

b. The field testing, sample collection and preservation and laboratory testing, including the collection of quality control samples, shall be in accordance with methods approved by the Department in accordance with Rule 62-4.246 and Chapter 62-160, F.A.C. Approved methods published by the Department or as published in Standard Methods, A.S.T.M., or EPA methods shall be used.

**2. Zone of Discharge.**

a. The zone of discharge for this site shall extend horizontally 100 feet from the limits of the landfill disposal areas or to the property boundary, whichever is less, and shall extend vertically to the bottom of the surficial aquifer.

b. The permittee shall ensure that the water quality standards for Class G-II ground water will not be exceeded at the boundary of the zone of discharge according to Rule 62-520.420, F.A.C., and that the minimum criteria listed in Rule 62-520.400, F.A.C., will not be exceeded outside the footprint of the landfill disposal areas.

**SPECIFIC CONDITIONS: PART E - Water Quality Monitoring Requirements**

**3. Ground Water Monitor Well Locations.** The ground water monitoring well network for Sequences 1 through 8 shall be located as shown on Figure 1, entitled "Proposed Cell 6 Groundwater Monitoring Well Locations," prepared by Locklear & Associates, LLC, received February 24, 2012 (**attached**), as follow:

**Wells associated with the operation of Sequence 1 (Cells 1, 2 and 15):**

<u>Well #</u>	<u>Scheduling Notes</u>	<u>WACS Testsite #</u>	<u>Aquifer</u>	<u>Designation</u>	<u>Location</u>
MW-1	A, X	19566	Surficial	Background	See Figure 1
MW-1B	A, X	19568	Floridan	Background	↓
MW-5A	A, X	19573	Surficial	Detection	↓
MW-5B	A, X	19574	Floridan	Detection	↓
MW-6	A, X	19575	Surficial	Detection	↓
MW-7A	A, X	19576	Surficial	Detection	↓
MW-7B	B	19577	Floridan	Abandoned	↓
MW-7BR	C, Y	22592	Floridan	Detection	↓
MW-8	A, X	19578	Surficial	Detection	↓
MW-8B	A, X	21323	Floridan	Detection	↓
MW-9	A, X	19579	Surficial	Detection	↓
MW-9B	A, X	21324	Floridan	Detection	↓
MW-10	A, X	19580	Surficial	Detection	↓
MW-10B	A, X	21325	Floridan	Detection	↓
Supply Well	A, X	21326	Floridan	Supply	↓

**Wells associated with the operation of Sequences 2, 3 and 4 (Cells 3, 4 and 5):**

<u>Well #</u>	<u>Scheduling Notes</u>	<u>WACS Testsite #</u>	<u>Aquifer</u>	<u>Designation</u>	<u>Location</u>
MW-3	A, X	19571	Surficial	Detection	See Figure 1
MW-3B	A, X	21964	Floridan	Detection	↓
MW-4	A, X	19572	Surficial	Detection	↓
MW-4B	A, X	21965	Floridan	Detection	↓
MW-11	A, Z	19581	Surficial	Detection	↓
MW-11B	D, Z	22593	Floridan	Detection	↓
MW-12A	A, Z	19582	Surficial	Detection	↓
MW-12B	A, Z	19583	Floridan	Detection	↓
MW-1	E	19566	Surficial	Abandoned	↓
MW-1A	F, Y	19567	Surficial	Background	↓

**Wells associated with the operation of Sequences 5, 6 and 7 (Cells 6 and 7):**

<u>Well #</u>	<u>Scheduling Notes</u>	<u>WACS Testsite #</u>	<u>Aquifer</u>	<u>Designation</u>	<u>Location</u>
MW-2A	G, Y	19569	Surficial	Detection	See Figure 15A
MW-2B	G, Y	19570	Floridan	Detection	↓
MW-15B	G, Y	28682	Floridan	Detection	See Figure 1
MW-16B	G, Y	28683	Floridan	Detection	↓
MW-17B	G, Y	28684	Floridan	Detection	↓

**Wells associated with the operation of Sequence 8 (Cells 9, 10 and 11):**

<u>Well #</u>	<u>Scheduling Notes</u>	<u>WACS Testsite #</u>	<u>Aquifer</u>	<u>Designation</u>	<u>Location</u>
MW-13	H, Y	19584	Surficial	Detection	See Figure 1
MW-14	I, Y	19585	Surficial	Detection	↓
MW-14B	I, Y	22594	Floridan	Detection	↓

**SPECIFIC CONDITIONS: PART E - Water Quality Monitoring Requirements**

(Specific Condition #E.3., continued)

**Proposed surficial aquifer and Floridan aquifer monitor wells** shall be constructed in accordance with the details provided in Figure 16 entitled "Proposed Surficial Aquifer Monitor Well Details," and Figure 17C entitled "Floridan Monitor Well Design," prepared by HAI, respectively, as referenced in the "Hydrogeological Investigation and Ground Water Monitoring Plan," prepared by JEA (Section 5 of the Engineering Report), revised November 3, 2006 [ref.SC#A.2.a.(4)]. Proposed Floridan aquifer monitor wells MW-15B, MW-16B and MW-17B shall be constructed in accordance with the letter prepared by Locklear & Associates, LLC, dated February 23, 2012 [ref.SC#A.2.j].

A = existing monitor well

B = to be abandoned **within 30 days of permit issuance**; documentation of well abandonment shall be submitted in accordance with Specific Condition #E.6.

C = to be installed **within 30 days of permit issuance**

D = to be installed **at least 30 days prior to disposal of waste in Cell 3**

E = to be abandoned **within 30 days of issuance of modification #177982-013**; documentation of well abandonment shall be submitted in accordance with Specific Condition #E.6.

F = to be installed **within 30 days of issuance of modification #177982-013**

G = to be installed **at least 30 days prior to disposal of waste in Cell 6**

H = to be installed **at least 30 days prior to disposal of waste in Cell 9**

I = to be installed **at least 30 days prior to disposal of waste in Cell 11**

X = construction details previously provided, initial sampling event previously conducted

Y = documentation of well construction shall be submitted **within 30 days of installation** in accordance with Specific Condition #E.5.b., and #E.5.d.; an initial sampling event shall be conducted **within 7 days of well installation and development** for the parameters listed in Specific Condition #E.4.b.; results of the initial sampling event shall be submitted **within 30 days of receipt from the analytical laboratory**

Z = an initial sampling event shall be conducted **at least 30 days prior to disposal of waste in Cell 3** for the parameters listed in Specific Condition #E.4.b.; results of the initial sampling event shall be submitted **within 30 days of receipt from the analytical laboratory**

**SPECIFIC CONDITIONS: PART E - Water Quality Monitoring Requirements**

(Specific Condition #E.3., continued)

The surficial aquifer monitor wells are intended to be completed in the sandy, silty, and clayey sediments overlying the first confining unit; the Floridan aquifer monitor wells are intended to be completed in the uppermost limestone sediments encountered below the first confining unit. Under no circumstances shall the screened intervals of any of these monitor wells be open to sediments of both the surficial and Floridan aquifers, and the annular space shall be sealed to prevent the vertical movement of ground water across the first confining unit. The top of the screened interval in each surficial aquifer monitor well shall be set above the wet season water table surface.

The piezometers shall be located as shown on Figure 1, entitled "Proposed Cell 6 Groundwater Monitoring Well Locations," prepared by Locklear & Associates, LLC, received February 24, 2012 (**attached**), as follow:

<u>Piezometer #</u>	<u>Aquifer</u>	<u>Designation</u>	<u>Location</u>
P-2 *	Surficial	Piezometer	See Figure 1
P-4	Surficial	Piezometer	↓
P-6	Surficial/Floridan	Piezometer	↓
P-8	Floridan	Piezometer	↓
P-10	Floridan	Piezometer	↓
P-11	Surficial	Piezometer	↓

\* = piezometer P-2 shall be abandoned **within 30 days of issuance of modification #177982-013**; documentation of piezometer abandonment shall be submitted in accordance with Specific Condition #E.6.

All monitor wells and piezometers are to be clearly labeled and easily visible at all times. The permittee should keep all monitor wells and piezometers locked to minimize unauthorized access.

**Amended** 10/31/2007; 02/20/2008; 01/07/2010 and 04/06/2012.

**4. Ground Water Sampling.** The locations, parameters, and frequencies specified herein represent the minimum requirements for ground water monitoring. Additional samples, wells, and parameters may be required based upon subsequent analysis. Method Detection Limits must be less than or equal to the Maximum Contaminant Levels established for the individual parameters to demonstrate compliance with Class G-II ground water standards referenced in Chapter 62-520.420, F.A.C., and with the ground water minimum criteria referenced in Chapter 62-520.400, F.A.C. Compliance with ground water standards and minimum criteria shall be based on the analysis of unfiltered samples.

a. Ground water levels shall be measured at all active wells and piezometers listed in Specific Condition #E.3., during all sampling events described in Specific Condition #E.4.b., and #E.4.c., to a precision of 0.01 foot. Separate ground water surface contour maps for the surficial and Floridan aquifers shall be prepared for each sampling event and shall include ground water elevations (using a consistent, nationally recognized datum) calculated for each monitor well and piezometer.

Amended 01/07/2010.

**SPECIFIC CONDITIONS: PART E - Water Quality Monitoring Requirements**

(Specific Condition #E.4., continued)

- b. An "initial sampling event" shall be conducted at all new or replacement wells **within 7 days of well installation and development** for analysis of the following parameters:

**Field Parameters**

Static water levels  
before purging  
Specific conductivity  
pH  
Dissolved oxygen  
Temperature  
Turbidity  
Colors & sheens  
(by observation)

**Laboratory Parameters**

Total ammonia - N  
Chlorides  
Iron  
Mercury  
Nitrate  
Sodium  
Total dissolved solids (TDS)  
Parameters listed in 40 CFR Part 258,  
**Appendix II**

Results of initial sampling event shall be submitted **within 30 days of receipt** from the analytical laboratory.

- c. Routine ground water sampling events shall be conducted **semi-annually** for analysis of the following parameters:

**Field Parameters**

Static water levels  
before purging  
Specific conductivity  
pH  
Dissolved oxygen  
Temperature  
Turbidity  
Colors & sheens  
(by observation)

**Laboratory Parameters**

Total ammonia - N  
Chlorides  
Iron  
Mercury  
Nitrate  
Sodium  
Total dissolved solids (TDS)  
Parameters listed in 40 CFR Part 258,  
**Appendix I**

Proposed monitor wells shall be included in the **semi-annual** sampling events following completion of the "initial sampling event" in accordance with the schedule provided in Specific Condition #E.3.

**5. Ground Water Monitor Well Construction.** The following information is required to be submitted **within 90 days of installation** of all new or replacement monitor wells and piezometers, or as stated below:

- a. Prior to the construction of all new or replacement wells and piezometers (excluding the proposed wells listed in Specific Condition #E.3.), the permittee shall request and receive Department approval of a minor permit modification in accordance with Specific Condition #A.3.

- b. Construction details (record drawings) for all new or replacement wells and piezometers shall be provided to the Department's Southwest District Office on Department Form No. 62-520.900(3), Monitor Well Completion Form (**attached**), [or as replaced by Department Form #62-701.900(30)].

Amended 01/07/2010.

**SPECIFIC CONDITIONS: PART E - Water Quality Monitoring Requirements**

(Specific Condition #E.5., continued)

c. **Within 7 days of well completion and development**, each new or replacement well shall be sampled for the parameters listed in Specific Condition #E.4.b., to comply with the requirements of Rules 62-701.510(8)(a) and 62-701.510(8)(d), F.A.C.

d. A surveyed drawing shall be submitted in accordance with Rule 62-701.510(3)(d)(1), F.A.C., showing the location of all monitor wells and piezometers (active and abandoned) horizontally located in degrees, minutes and seconds of latitude and longitude, and the elevation of the top of the well casing and ground surface by the well casing to the nearest 0.01 foot, using a consistent, nationally recognized datum. The surveyed drawing shall include the monitor well and piezometer identification numbers, locations and elevations of all permanent benchmarks and/or corner monument markers at the site. The survey shall be conducted by a Florida Registered Surveyor.

Amended 01/07/2010.

**6. Well Abandonment.** All active wells and piezometers not listed in Specific Condition #E.3., and not a part of the approved Water Quality Monitoring Plan shall be plugged and abandoned in accordance with Rule 62-532.500(5), F.A.C., and the rules of the Southwest Florida Water Management District (SWFWMD). Documentation of abandonment shall include a map showing well/piezometer locations and SWFWMD abandonment records. The permittee shall submit a written report to the Department providing verification of the well/piezometer abandonment **within 30 days of abandonment**. A written request for exemption to the abandonment of a well must be submitted to the Department's Solid Waste Section for approval.

Amended 04/06/2012.

**7. Verification/Evaluation Monitoring.** If at any time monitoring parameters are detected at concentrations significantly above background water quality, or exceed the Department's water quality standards or minimum criteria in any detection well, the Permittee has 30 days from receipt of the sampling results to resample the monitor well(s) to verify the original analysis. Should the Permittee choose not to resample, the Department will consider the water quality analysis as representative of current ground water conditions at the facility. If the data is confirmed, or if the Permittee chooses not to resample, the Permittee shall notify the Department in writing within 14 days of this finding. Upon notification by the Department, the Permittee shall initiate evaluation monitoring as described in Rules 62-701.510(7)(a), and 62-701.510(7)(b), F.A.C. If monitoring parameters are detected at concentrations significantly above background water quality, and exceed the Department's water quality standards or minimum criteria in any compliance well, the Permittee shall ~~submit a preventive measures plan and initiate~~ corrective action as described in Rule 62-701.510(7)(c), F.A.C.

Amended 04/06/2012.

**SPECIFIC CONDITIONS: PART E - Water Quality Monitoring Requirements**

**8. Surface Water Sampling.** All surface water bodies that may be affected by a contaminant release at the facility shall be monitored, except bodies of water contained completely within the property boundaries of the site which do not discharge from the site to surface waters (Rule 62-701.510(4), F.A.C.). It is not anticipated that the existing stormwater management system will discharge from the property. However, in the event that surface water discharge occurs from the stormwater management system, representative samples of each discharge event shall be collected for analysis of the parameters listed in Specific Condition #E.8.b. In the event that any modifications to the stormwater management system associated with future uses of the facility result in periodic surface water discharges from the property, the Department may require the implementation of routine surface water monitoring.

a. The locations, parameters, and frequencies specified herein represent the minimum requirements for surface water monitoring. Additional samples, sampling locations, and parameters may be required based upon subsequent analysis. Method Detection Limits must meet or be lower than the criteria established for the individual parameters to demonstrate compliance with Class III (predominantly fresh water) surface water criteria presented in Chapter 62-302, F.A.C. Compliance with surface water criteria will be based on analysis of unfiltered samples.

b. Surface water sampling shall be conducted **per discharge event** in accordance with the Department's SOPs to comply with the requirements of Rule 62-701.510(4), F.A.C. The Solid Waste Section of the Department's Southwest District office shall be notified of the occurrence of each discharge event **within 24 hours of discovery**. Surface water samples shall be analyzed for the following parameters:

<u>Field Parameters</u>	<u>Laboratory Parameters</u>	
Specific conductivity	Unionized ammonia	Total organic carbon (TOC)
pH	Total hardness (as mg/L CaCO <sub>3</sub> )	Fecal coliform
Dissolved oxygen	Biochemical oxygen demand (BOD5)	Total phosphorus (as mg/L P)
Turbidity	Copper	Chlorophyll A
Temperature	Iron	Total nitrogen
Colors and sheens (by observation)	Mercury	Chemical oxygen demand (COD)
	Nitrate	Total suspended solids (TSS)
	Zinc	Those parameters listed in 40 CFR Part 258, <b>Appendix I</b>
	Total dissolved solids (TDS)	

**Amended 04/06/2012.**

c. Sampling of the temporary stormwater pond shall be required in the event that the routine ground water sampling events conducted at the detection wells located in proximity to the temporary stormwater pond (MW-3, MW-3B, MW-4, MW-4B, MW-5A, MW-5B and MW-6) indicate monitoring parameters are detected at concentrations significantly above background water quality, or exceed the Department's ground water quality standards or minimum criteria. In this case, surface water sampling in the temporary stormwater pond shall be conducted **within 30 days of receipt of ground water results** in accordance with the Department's SOPs for analysis of the parameters listed in Specific Condition #E.8.b.



**SPECIFIC CONDITIONS: PART E - Water Quality Monitoring Requirements**

**9. Leachate Sampling.** As the Enterprise Class III Landfill was not constructed with a liner and leachate collection system, the collection of leachate samples for laboratory analysis is not required. However, the bottom clay liner is sloped toward the northeast corner of the site (future disposal Cells 14/16). The system is designed such that leachate that does not percolate through the 3 foot-thick clay liner will seep toward the northeast portion of the site and discharge into Cells 14 and 16, where it will be commingled with stormwater runoff [ref. SC#A.2.a(1), §3.10.2]. Cells 14/16 are clay-lined on the bottoms. In the event that groundwater monitoring in the vicinity of Cells 14 or 16 indicate impacts to groundwater in this area, the Permittee shall sample the stormwater/leachate stored in temporary pond/Cells 14/16 in accordance with Specific Condition #E.8.c.

**10. Water Quality Reporting Requirements.** The results of each water quality sampling event conducted at the Enterprise Class III landfill to comply with the Specific Conditions of this permit shall be included in Electronic Data Deliverable (EDD) reports that provide:

- a. Required water quality monitoring reports and all analytical results shall be submitted electronically. Water quality monitoring reports shall be submitted in Adobe pdf file format. The water quality EDD shall be provided to the Department in an electronic format consistent with requirements for importing the data into the Department's databases as summarized on the Department's web site at: <http://www.dep.state.fl.us/waste/categories/shw/pages/ADaPT.htm>.

**Amended 04/06/2012.**

Water quality monitoring reports shall be signed and sealed by a Florida registered professional geologist or professional engineer with experience in hydrogeological investigations and shall provide the information required by Rules 62-701.510(9)(a)1 through 62-701.510(9)(a)10, F.A.C., including:

1. Cover letter;
2. Summary of exceedances and recommendations;
3. Ground water contour maps;
4. Chain of custody forms;
5. Water levels, water elevation table;
6. Ground Water Monitoring Report Certification, using the appropriate Department form;
7. Appropriate sampling information on Form FD 9000-24 (DEP-SOP-001/01); and,
8. Laboratory and Field data and error logs, as applicable. [In addition to the Adobe pdf file format, this data and associated error logs shall be submitted in an ADaPT-compatible, comma separated text file format.]

**SPECIFIC CONDITIONS: PART E - Water Quality Monitoring Requirements**

(Specific Condition #E.10.a., continued)

The report of results shall be submitted to:

- Department of Environmental Protection, Southwest District Office, Solid Waste Section, 13051 North Telecom Parkway, Temple Terrace, FL 33637-0926; and,
- Department of Environmental Protection, Solid Waste Section 2600 Blair Stone Road, MS 4565, Tallahassee, FL 32399-2400.

b. The permittee shall submit to the Department the results of analyses reported for each sampling event conducted at the facility by the following due dates:

1. Specific Condition #E.4.b. - results of ground water "initial sampling events" shall be submitted **within 30 days from completion of laboratory analyses;**
2. Specific Condition #E.4.c. - results of ground water routine semi-annual sampling events shall be submitted **within 60 days from completion of laboratory analyses and no later than January 15<sup>th</sup> and July 15<sup>th</sup> of each year** for the periods July 1-December 31, and January 1-June 30, respectively;
3. Specific Condition #E.7. - results of ground water verification sampling events shall be submitted **within 60 days from completion of laboratory analyses;**
4. Specific Condition #E.8.b. - results of surface water "discharge sampling events" shall be submitted **within 60 days from completion of laboratory analyses; and**
5. Specific Conditions #E.8.c./#E.9. - results of sampling events conducted within the temporary storm water pond (Cells 14/16) shall be submitted **within 60 days from completion of laboratory analyses.**

Amended 01/07/2010.

**11. Monitoring Plan Evaluation.** The permittee shall submit an evaluation of the water quality monitoring data by the following due dates, and the time periods to be covered by the evaluations are summarized below:

<u>Water Quality Monitoring Data Evaluation Due Date</u>	<u>Starting Sampling Event</u>	<u>Ending Sampling Event</u>
April 30, 2009	Second half 2005	Second half 2008
October 30, 2011	First half 2009	First half 2011

The evaluations shall include the applicable information as listed in Rule 62-701.510(9)(b), F.A.C., and shall include assessment of the effectiveness of the existing facility design and closure as related to the prevention of ground water and surface water contamination. Any contamination that may exist shall be addressed as part of evaluation monitoring conducted at the facility in accordance with Rule 62-701.510(7), F.A.C. The evaluations shall be sent to: Solid Waste Section, Department of Environmental Protection, Southwest District Office, 13051 North Telecom Parkway, Temple Terrace, FL 33637-0926.

**SPECIFIC CONDITIONS: PART F - Landfill Gas Management**

**1. Landfill Gas - NSPS and Title V Air Requirements.**

a. This solid waste permit will meet the statutory requirement to obtain an air construction permit before modifying or constructing a source of air pollution, except for those landfills that are subject to the prevention of significant deterioration (PSD) requirements of Chapter 62-212, F.A.C. Facilities that are subject to the PSD requirements shall obtain an air construction permit from the Bureau of Air Regulation prior to beginning construction or modification pursuant to Rule 62-210.400, F.A.C.

b. The permittee shall comply with any applicable Title V air operation permit application requirements of Chapter 62-213, F.A.C., and 40 CFR 60, Subparts WWW and CC, as adopted by reference in Rule 62-204.800, F.A.C. Title V Permit applications shall be submitted to the District Air Program Administrator or County Air Program Administrator with air permitting authority for the landfill.

c. The permittee shall submit to the Division of Air Resources Management, Department of Environmental Protection, Mail Station 5500, 3900 Commonwealth Blvd., Tallahassee, FL 32399-3000, any amended design capacity report and any Non-Methane Organic Compound (NMOC) emission rate report, as applicable, pursuant to 40 CFR 60.757(a)(3) and (b).

**2. Gas Monitoring and Control.**

a. Landfills that receive biodegradable wastes shall have a gas management and control system designed to prevent: explosions and fires due to the accumulation of landfill gas concentrations on-site or off-site; lateral migration of landfill gas that causes damage to vegetation on final cover of the closed landfill or vegetation beyond the perimeter of the property on which the landfill is located; and, objectionable odors off-site. Landfill gas shall be monitored and controlled as required by Rule 62-701.530, F.A.C.

b. Landfill gas shall be monitored to demonstrate compliance with the criteria established in Rule 62-701.530(1)(a), F.A.C. (less than 25% of the lower explosive limit (LEL) for combustible gases in structures and less than 100% of the LEL for combustible gases at or beyond the property boundary).

c. The results of quarterly gas monitoring required by Rule 62-701.530(2)(c), F.A.C., shall be submitted to the Department by the following dates:

**Measured During**

Quarter 1  
Quarter 2  
Quarter 3  
Quarter 4

**Report Submitted By**

April 15<sup>th</sup> of each year  
July 15<sup>th</sup> of each year  
October 15<sup>th</sup> of each year  
January 15<sup>th</sup> of each year

**SPECIFIC CONDITIONS: PART F - Landfill Gas Management**

(Specific Condition #F.2., cont'd)

d. In the event that gas exceedances are detected, the gas monitoring locations listed in Specific Condition #F.3.a. shall be monitored monthly, and results reported **by the 15<sup>th</sup> of the month** following the sampling event until the gas exceedances have been remediated in accordance with Specific Condition #F.4. After four consecutive monthly sampling events with no exceedances, the quarterly gas monitoring required by Specific Condition #F.2.a. may resume.

**3. Gas Monitoring Locations.**

a. Landfill gas shall be monitored in accordance with the document entitled "Landfill Engineering Report," Section 3.10, prepared by JEA, revised November 2006 [ref. SC#A.2.a(1)], and as required by Rule 62-701.530, F.A.C. Proposed gas probes shall be constructed in accordance with the details provided in Figure 3-14 entitled "Gas Probe Construction Detail," prepared by HAI as referenced in the "Landfill Engineering Report." Gas probes shall be located as shown on Figure 1, entitled "Proposed Cell 6 Groundwater Monitoring Well Locations," prepared by Locklear & Associates, LLC, received February 24, 2012 (**attached**), as follow:

<u>Probe #</u>	<u>Location</u>	<u>Status/installation schedule</u>
GP-1	Along west boundary	Proposed/part of Cell 10 certification
GP-2	Along west boundary	Proposed/part of Cell 11 certification
GP-3	Near northwest corner	Future/part of Cell 12 certification
GP-4	Near northwest corner	Future/part of Cell 12 certification
GP-5	Along north boundary	Future/part of Cell 13 certification
GP-6	Along north boundary	Existing/currently monitored
GP-7	Near northeast corner	Existing/currently monitored
GP-8	Near northeast corner	Existing/currently monitored
GP-9R	Along east boundary	Existing/currently monitored
GP-10R	Along east boundary	Existing/currently monitored
GP-11	Near southeast corner	Existing/currently monitored
GP-12 *	Near southeast corner	Existing/to be abandoned
GP-12R	Near southeast corner	Existing/currently monitored
GP-13 *	Along south boundary	Existing/ to be abandoned
GP-13R	Along south boundary	Existing/currently monitored
GP-14	Along south boundary	Existing/currently monitored
GP-15	Near southwest corner	Proposed/part of Cell 6 certification
GP-16	Near southwest corner	Proposed/part of Cell 9 certification

\* = to be abandoned **within 60 days of issuance of modification #177982-016.**

In the event that the quarterly monitoring events at the landfill gas probes indicate landfill gas concentrations at or above 100% of the LEL for combustible gases, the "Gas Contingency Plan" described in Section 3.10.1.4 of the "Landfill Engineering Report," prepared by JEA, revised November 2006 [ref. SC#A.2.a(1)], shall be implemented.

**Amended 10/31/2007; 02/20/2008; 01/07/2010; and 04/06/2012.**

**4. Gas Remediation.** In the event that gas concentrations are measured to exceed 100% of the LEL for combustible gases in any perimeter gas probe locations or exceed 25% of the LEL in any on-site or off-site structures, the permittee shall submit to the Department, **within 7 days of detection**, a remediation plan detailing the nature and extent of the gas migration problem and the proposed remedy. The remedy shall be completed **within 60 days of detection** unless otherwise approved by the Department.

**SPECIFIC CONDITIONS: PART G - Closure and Long-Term Care Requirements**

**1. Closure Requirements.**

a. Long-Term Care Requirements.

1) The owner or operator shall perform long-term care for the site in accordance with Rule 62-701.620, F.A.C., and the conditions of Operation Permit #177982-007-SO/T3 or its successors.

2) Long-term care includes, but is not limited to, water quality monitoring, gas monitoring, maintenance of the final cover system, maintenance of stormwater management system, erosion control, and the prevention of ponding within disposal areas.

b. Closing Requirements.

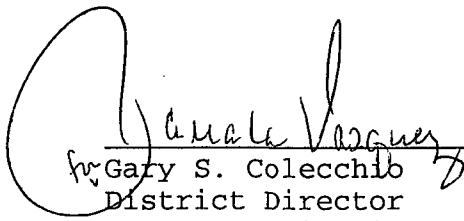
1) **No later than one hundred eighty (180) days** prior to the date when wastes will no longer be accepted for portions of the landfill which have reached closure design dimensions, the landfill owner or operator shall submit a closure permit application to the Department, in order to assure conformance with all applicable Department rules. A closure permit is required prior to implementing closure related activities.

**2. Use of Closed Landfill Areas.** Prior to implementation, the owner or operator shall submit a plan for any proposed uses of closed portions of the landfill to the Department for approval. This plan shall include a description of the proposed use, and evaluation of the impact on the existing landfill systems (e.g. final cover, leachate control, clay liner, stormwater management), engineering designs, calculations and plans as appropriate, etc. The proposed activity shall not be initiated without prior Department approval, and may require a permit modification or separate permit.

**3. Final Cover.** Portions of the landfill which have been filled with waste to the extent of designed dimensions shall be closed (shall receive final cover) within 180 days after reaching design dimensions, in accordance with Rule 62-701.500(7)(g), F.A.C. and all applicable requirements of Department rules.

Executed in Hillsborough County, Florida.

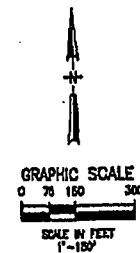
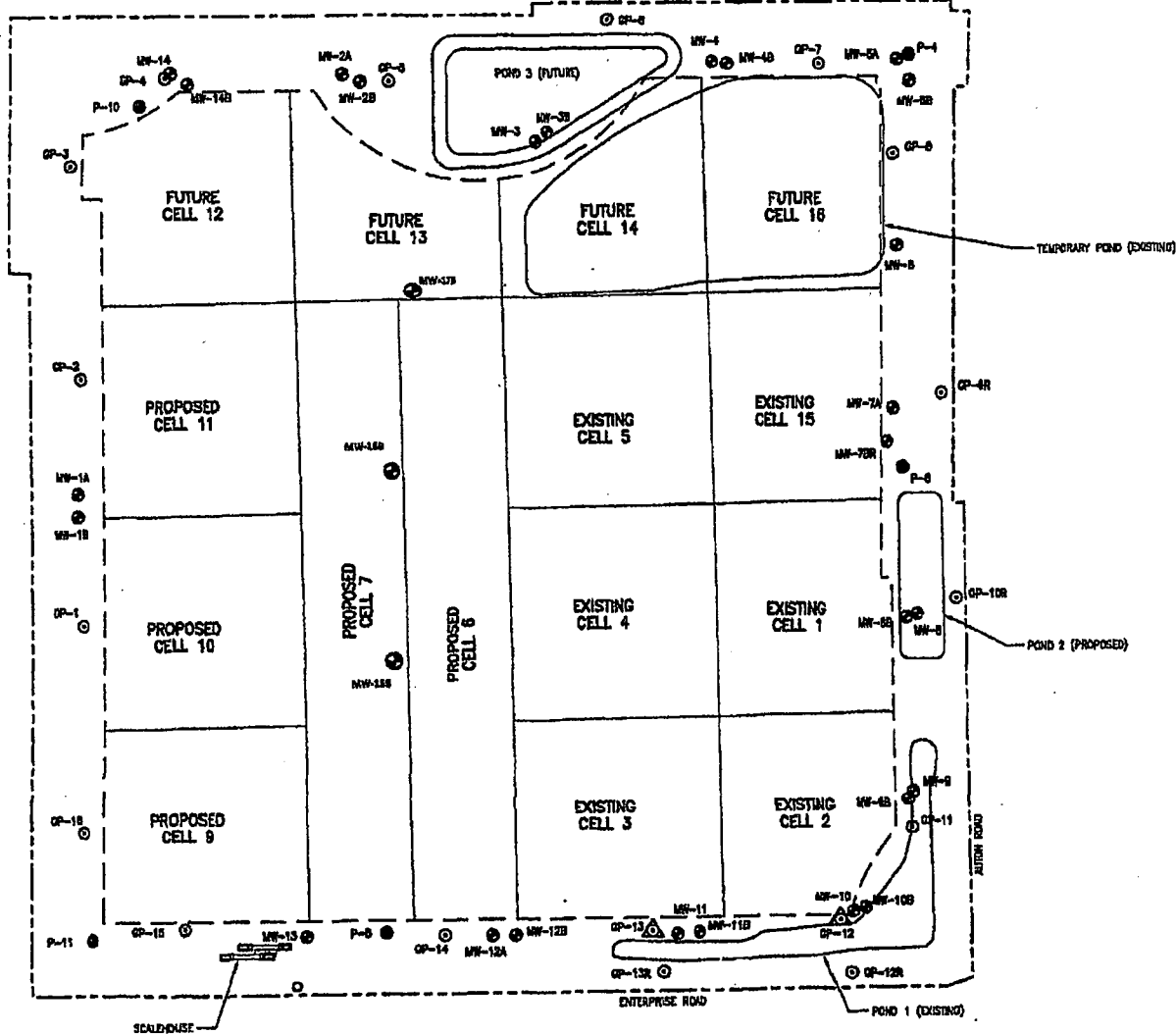
STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

  
for Gary S. Colecchio  
District Director  
Southwest District

ATTACHMENT 1

Specific Condition	Submittal Due Date	Required Item
A.4.	October 30, 2011	Submit permit renewal application
A.9.a.	Within 24 hours of discovery Within 7 days of verbal notification	Notification of sinkholes or subsurface instability Written notification & corrective action plan
C.6.b.	Within 24 hours of discovery Within 7 days of verbal notification	Notification of: hazardous waste receipt, failure of landfill systems or equipment Written notification & corrective action plan
C.6.c.	Within 60 days of written notification	Complete corrective actions for groundwater monitoring system
C.6.d.	Within 30 days of written notification	Complete corrective actions for stormwater monitoring system
C.6.f.	Within 30 days of written notification	Submit corrective action plan for erosion
C.13.c.	Annually, by April 15 <sup>th</sup> each year	Submit topographic survey & capacity calculations
D.4.a.	Annually, by March 1 <sup>st</sup> each year	Submit revised cost estimates
D.4.b.	Annually	Submit proof of funding
D.4.c.	No later than 60 days prior to receipt of waste	Submit proof of initial funding
E.4.c.	Semi-annually	Sample all ground water monitoring wells

ATTACHMENT 1, cont'd		
Specific Condition	Submittal Due Date	Required Item
E.5.b., E.5.d.	Within 90 days of installation of new wells	Provide construction details for wells, submit survey
E.5.c.	Within 1 week of well development	Conduct initial sampling event
E.6.	Within 30 days of abandonment	Submit documentation of abandonment
E.8.	Each discharge event	Conduct surface water sampling
E.10.b.	Semi-annually, by January 15 <sup>th</sup> and July 15 <sup>th</sup> each year  Within 30 days from completion of laboratory results  Within 60 days from completion of laboratory results	Submit results of: - Ground water routine sampling events  Submit results of: - Ground water initial sampling events  Submit results of: - Ground water verification sampling events - Surface water discharge sampling events - Temporary storm water pond sampling events
E.11.	By April 30, 2009 and by October 30, 2011	Submit water quality monitoring plan evaluations
F.2.c., D.3.a.	Quarterly, by January 15 <sup>th</sup> , April 15 <sup>th</sup> , July 15 <sup>th</sup> , and October 15 <sup>th</sup> each year	Submit gas monitoring results  Submit waste records to Tallahassee
F.4.	Within 7 days of detection  Within 60 days of detection	Submit gas remediation plan  Complete corrective actions
G.1.b(1)	No later than 180 days prior to the date when wastes will no longer be received	Submit Closure Permit application



- LEGEND**
- PROPERTY BOUNDARY
  - LANDFILL LIMITS
  - CELL BOUNDARY
  - MW-1 ● MONITOR WELL LOCATION
  - P-1 ● PIEZOMETER LOCATION
  - GP-1 ● GAS PROBE LOCATION
  - SUPPLY WELL

FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION

FEB 24 2012

SOUTHWEST DISTRICT  
TAMPA

FIGURE 3  
PROPOSED CELL 6 AND GROUNDWATER MONITORING  
WELL LOCATIONS

ENTERPRISE CLASS III LANDFILL





# Department of Environmental Protection

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

DEP Form # 62-701.900(30)

Form Title: Monitoring Well Completion Report

Effective Date: January 6, 2010

Incorporated in Rule 62-701.510(3)

## MONITORING WELL COMPLETION REPORT

DATE: \_\_\_\_\_

FACILITY NAME: \_\_\_\_\_

DEP PERMIT NO.: \_\_\_\_\_ WACS\_FACILITY: \_\_\_\_\_

WACS MONITORING SITE\_NUM.: \_\_\_\_\_ WACS\_WELL: \_\_\_\_\_

WELL\_TYPE: BACKGROUND \_\_\_\_\_ DETECTION \_\_\_\_\_ COMPLIANCE \_\_\_\_\_

LATITUDE AND LONGITUDE (see back for requirements): \_\_\_\_\_

Coordinate Accuracy \_\_\_\_\_ Datum \_\_\_\_\_ Elevation Datum \_\_\_\_\_

Collection Method \_\_\_\_\_ Collection Date \_\_\_\_\_

Collector Name \_\_\_\_\_ Collector Affiliation \_\_\_\_\_

AQUIFER MONITORED: \_\_\_\_\_

DRILLING METHOD: \_\_\_\_\_ DATE INSTALLED: \_\_\_\_\_

INSTALLED BY: \_\_\_\_\_

BORE HOLE DIAMETER: \_\_\_\_\_ TOTAL DEPTH: \_\_\_\_\_ (BLS)

CASING TYPE: \_\_\_\_\_ CASING DIAMETER: \_\_\_\_\_ CASING LENGTH: \_\_\_\_\_

SCREEN TYPE: \_\_\_\_\_ SCREEN SLOT SIZE: \_\_\_\_\_ SCREEN LENGTH: \_\_\_\_\_

SCREEN DIAMETER: \_\_\_\_\_ SCREEN INTERVAL: \_\_\_\_\_ TO \_\_\_\_\_  
(BLS)

FILTER PACK TYPE: \_\_\_\_\_ FILTER PACK GRAIN SIZE: \_\_\_\_\_

INTERVAL COVERED: \_\_\_\_\_ TO \_\_\_\_\_ (BLS)

SEALANT TYPE: \_\_\_\_\_ SEALANT INTERVAL: \_\_\_\_\_ TO \_\_\_\_\_ (BLS)

GROUT TYPE: \_\_\_\_\_ GROUT INTERVAL: \_\_\_\_\_ TO \_\_\_\_\_ (BLS)

TOP OF CASING ELEVATION (NGVD): \_\_\_\_\_ GROUND SURFACE ELEVATION (NGVD): \_\_\_\_\_

DESCRIBE WELL DEVELOPMENT: \_\_\_\_\_

POST DEVELOPMENT WATER LEVEL ELEVATION (NGVD): \_\_\_\_\_

DATE AND TIME MEASURED: \_\_\_\_\_

REMARKS: \_\_\_\_\_

NAME OF PERSON PREPARING REPORT: \_\_\_\_\_

\_\_\_\_\_  
(Name, Organization, Phone No., E-mail)

**NOTE:** ATTACH AS-BUILT MW CONSTRUCTION DIAGRAM AND LITHOLOGIC LOG.(NGVD) NATIONAL GEODETIC  
VERTICAL DATUM OF 1988 (BLS) = BELOW LAND SURFACE

Latitude must be measured in degrees, minutes and seconds, to at least two (2) decimal places.

Longitude must be measured in degrees, minutes and seconds, to at least two (2) decimal places.

Eastings and northings (State Plane Coordinates) **must** be converted to latitude and longitude.

Coordinate Accuracy: the measured, estimated degree of correctness of the measurement. An accuracy of 15 feet or 5 meters is preferred.

Datum: the horizontal reference for measuring locations on the Earth's surface. NAD83-North American Datum of 1983 is preferred.

Elevation Datum: the reference datum from which elevation measurements are made. NGVD88 (National Geodetic Vertical Datum of 1988) is preferred.

Collection Method: the method or mechanism used to derive the measurements, e.g. GPS, map, aerial photo, etc.

Collection Date: the date and time on which the measurements were taken.

Collector Name: the name of the person taking the measurement.

Collector Affiliation: the agency or company for whom the collector works.

# Memorandum

# Florida Department of Environmental Protection

## PERMIT COVER MEMO

TO: <sup>4-6-12</sup> Gary S. Colecchio, District Director

### FROM/THROUGH:

<sup>4-11-12</sup> Susan Pelz, Solid Waste Manager/Waste Program Administrator  
<sup>4-11-12</sup> John Morris, Professional Geologist

DATE: April 5, 2012

FILE NAME: Enterprise Class III Landfill, operation permit, minor modification for monitoring network changes related to Cell 6

PERMIT No.: 177982-007-SO/T3 PROGRAM: Solid Waste COUNTY: Pasco

TYPE OF PERMIT ACTION: ISSUE FINAL PERMIT

PUBLIC NOTICE PERIOD CLOSED? N/A PETITION FILED? N/A

**PERMIT SUMMARY:** The application for minor modification #177982-018 to permit #177982-018-SO/T3 was submitted to provide revisions to the monitoring network for the facility associated with the construction and operation of new Cell 6. The need for the changes to the monitoring network were discussed with the applicant's representative and consultant during a pre-application meeting conducted on November 30, 2011 regarding the renewal of the construction and operation permits for the facility. The applicants indicated their preference for submitting an application for permit modification to authorize changes to the monitoring plan rather than waiting for the permit renewal application to be submitted and approved.

The proposed revisions to the monitoring network include the installation of three new monitor wells that are located hydraulically downgradient of new disposal Cell 6. With the proposed revisions to the monitoring network, the facility will meet the requirements of Rule 62-701.510(3)(a), F.A.C., regarding the locations of detection wells.

As of April 5, 2012: TIH -- 38 days; TTP -- 38 days

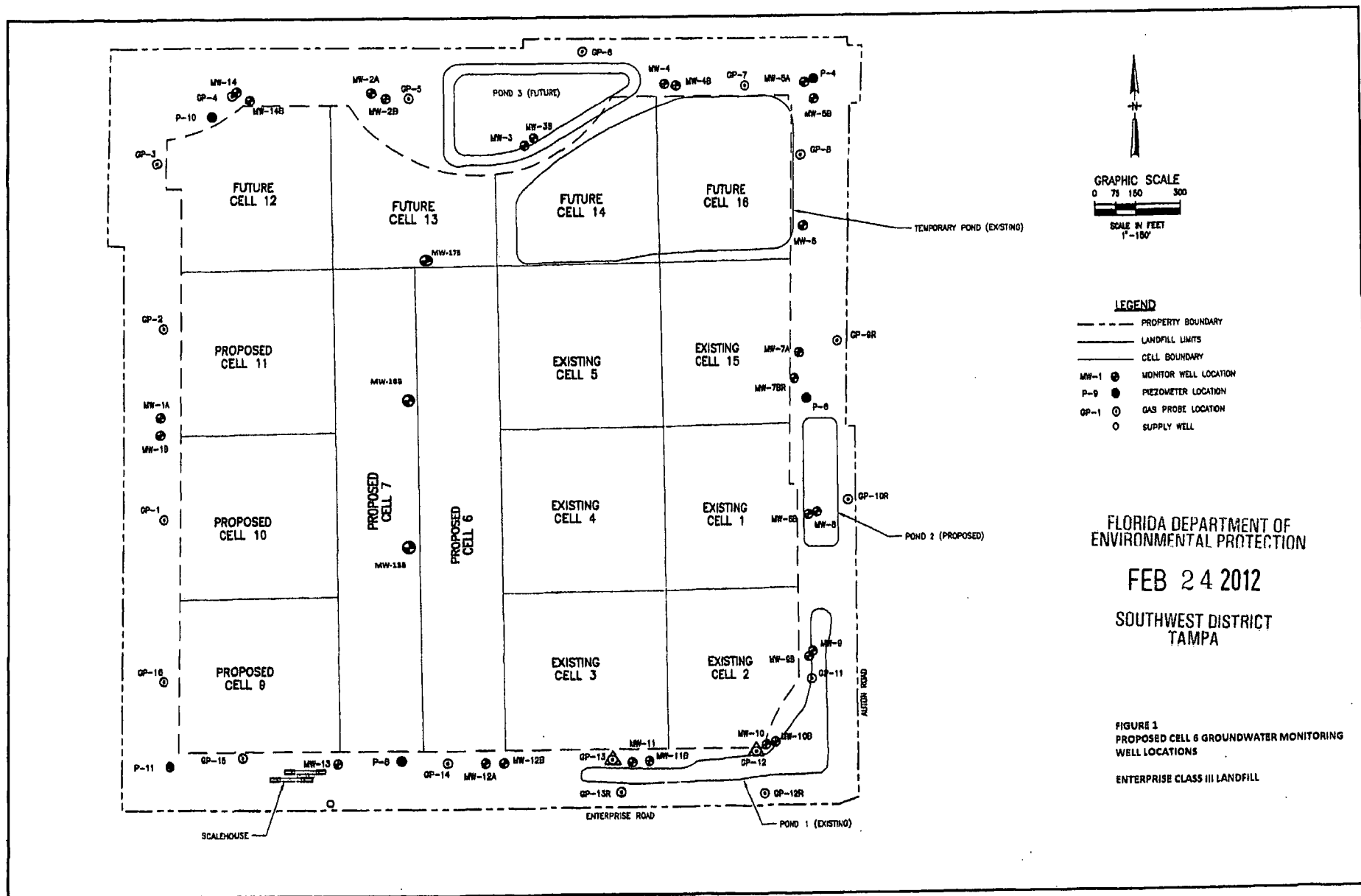
Date TTP

Application and supporting submittals rec'd	2-24-12	
Application fee rec'd	2-28-12	
Application deemed complete	3-26-12	28
Modified permit routed for signature	4-5-12	10

PROFESSIONAL RECOMMENDATION: X Approve    Deny

**EVALUATION SUMMARY:** The significant changes to the Specific Conditions of the permit were associated with identifying the detection wells that must be installed and sampled prior to initiation of waste disposal in new Cell 6. Additional changes to the Specific Conditions of the permit were included to accommodate the revisions to Chapter 62-701, F.A.C. [effective date January 6, 2010] and Chapter 62-532, F.A.C. [effective date February 16, 2012].

Day 90 is May 28, 2012



PERMIT ATTACHMENT  
ORIGINALS



# Department of Environmental Protection

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

DEP Form # 62-701.900(30)

Form Title: Monitoring Well Completion Report

Effective Date: January 6, 2010

Incorporated in Rule 62-701.510(3)

## MONITORING WELL COMPLETION REPORT

DATE: \_\_\_\_\_

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WELL\_TYPE: BACKGROUND \_\_\_\_\_ DETECTION \_\_\_\_\_ COMPLIANCE \_\_\_\_\_

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Coordinate Accuracy \_\_\_\_\_ Datum \_\_\_\_\_ Elevation Datum \_\_\_\_\_

Collection Method \_\_\_\_\_ Collection Date \_\_\_\_\_

Collector Name \_\_\_\_\_ Collector Affiliation \_\_\_\_\_

AQUIFER MONITORED: \_\_\_\_\_

DRILLING METHOD: \_\_\_\_\_ DATE INSTALLED: \_\_\_\_\_

INSTALLED BY: \_\_\_\_\_

BORE HOLE DIAMETER: \_\_\_\_\_ TOTAL DEPTH: \_\_\_\_\_ (BLS)

CASING TYPE: \_\_\_\_\_ CASING DIAMETER: \_\_\_\_\_ CASING LENGTH: \_\_\_\_\_

SCREEN TYPE: \_\_\_\_\_ SCREEN SLOT SIZE: \_\_\_\_\_ SCREEN LENGTH: \_\_\_\_\_

SCREEN DIAMETER: \_\_\_\_\_ SCREEN INTERVAL: \_\_\_\_\_ TO \_\_\_\_\_  
(BLS)

FILTER PACK TYPE: \_\_\_\_\_ FILTER PACK GRAIN SIZE: \_\_\_\_\_

INTERVAL COVERED: \_\_\_\_\_ TO \_\_\_\_\_ (BLS)

SEALANT TYPE: \_\_\_\_\_ SEALANT INTERVAL: \_\_\_\_\_ TO \_\_\_\_\_ (BLS)

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DESCRIBE WELL DEVELOPMENT: \_\_\_\_\_

POST DEVELOPMENT WATER LEVEL ELEVATION (NGVD): \_\_\_\_\_

DATE AND TIME MEASURED: \_\_\_\_\_

REMARKS: \_\_\_\_\_

NAME OF PERSON PREPARING REPORT: \_\_\_\_\_

(Name, Organization, Phone No., E-mail)

**NOTE:** ATTACH AS-BUILT MW CONSTRUCTION DIAGRAM AND LITHOLOGIC LOG.(NGVD) NATIONAL GEODETIC  
VERTICAL DATUM OF 1988 (BLS) = BELOW LAND SURFACE

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Collector Name: the name of the person taking the measurement.

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# Florida Department of Environmental Protection

Southwest District  
13051 North Telecom Parkway  
Temple Terrace, Florida 33637-0926  
Telephone: 813-632-7600

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

CERTIFIED MAIL #7008 0150 4893 8008  
RETURN RECEIPT REQUESTED

January 7, 2010

## NOTICE OF PERMIT MODIFICATION

### **PERMITTEE:**

Angelo's Aggregate Materials, Ltd.  
41111 Enterprise Road  
Dade City, FL 33525-1539  
Attn: Mr. Dominic Iafrate, President

REVISED BY MINOR MOD #  
177982-018-SO/MM  
ISSUED 4/16/12

Dear Mr. Iafrate:

Attached is modified permit #177982-007-SO/T3, issued pursuant to Section 403.087(1), Florida Statutes (F.S.), for operation of the Enterprise Class III Landfill. The following revisions have been provided in modification #177982-016-MM:

<b>Specific Condition #</b>	<b>Type of Modification</b>
Cover page (amended)	References permit modification #177982-016.
#A.2.a., #A.2.c. (amended)	References supplemental information inserted into previously submitted documents.
#A.2.i. (new)	References the application for permit modification and supporting information received by the Department.
#B.1.a. (amended)	Deletes reference to Cell 8.
#E.1.a. (amended)	References date of new Department Standard Operating Procedures.
#E.3., #F.3. (amended)	References new site map that shows monitor well and gas probe locations and identification numbers.
#E.3. (amended)	Deletes references to Cell 8.
#E.4.a., #E.5.d. (amended)	Indicates elevations shall be referenced to a consistent, nationally recognized datum.
#E.5.b. (amended)	References new Department form for monitor well construction details.
#E.10. (amended)	Requires the preparation of reports of results for sampling events conducted at the facility as electronic data deliverables in a format compatible with the Department's databases.
#F.3. (amended)	References new landfill gas probes GP-12R and GP-13R, indicates existing landfill gas probes GP-12 and GP-13 shall be abandoned within 60 days of issuance of modification #177982-016, revises schedule for installation of proposed gas probes GP-4 and GP-5.

This letter and its attachments constitute a **complete permit and replace** all previous permits and modifications for the referenced facility.

PERMITTEE: Angelo's Aggregate Materials, Ltd.  
Enterprise Class III Landfill  
Attn: Mr. Dominic Iafrate

PERMIT #177982-007-SO/T3  
MODIFICATION #177982-016-MM  
Page 2 of 4

The Department's proposed agency action shall become final unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by this modification of permit may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000.

Petitions by the applicant or any of the parties listed below must be filed within 14 days of receipt of this written notice. Petitions filed by other persons must be filed within 14 days of publication of the notice or receipt of the written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication. The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.



PERMITTEE: Angelo's Aggregate Materials, Ltd.  
Enterprise Class III Landfill  
Attn: Mr. Dominic Iafrate

PERMIT #177982-007-SO/T3  
MODIFICATION #177982-016-MM  
Page 3 of 4

A petition that does not dispute the material facts on which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

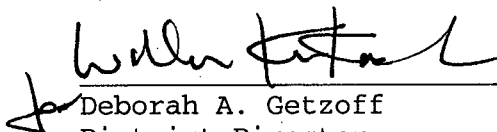
Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

In accordance with Section 120.573, F.S., the Department advises that mediation is not available in this case under the provisions of that statute. This does not prevent any interested parties from agreeing to other forms of alternate dispute resolution.

Any party to this order has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110, Florida Rules of Appellate Procedure, with the clerk of the Department in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within thirty days after this order is filed with the clerk of the Department.

Executed in Hillsborough County, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

  
Deborah A. Getzoff  
District Director  
Southwest District

DAG/sgm  
Attachment

PERMITTEE: Angelo's Aggregate Materials, Ltd.  
Enterprise Class III Landfill  
Attn: Mr. Dominic Iafrate

PERMIT #177982-007-SO/T3  
MODIFICATION #177982-016-MM  
Page 4 of 4

**CERTIFICATE OF SERVICE**

This undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT MODIFICATION was mailed to the addressee before the close of business on **January 7, 2010.**

Clerk Stamp

Other copies were transmitted electronically to the listed persons.

**FILING AND ACKNOWLEDGMENT FILED,**  
on this date, pursuant to  
Section 120.52(10), F.S., with the  
designated Department Clerk, receipt  
of which is hereby acknowledged.

Anna Bunting  
Clerk

1/7/2010  
Date

Copies furnished to:

Pasco County Board of County Commissioners

Pasco County Notification List

Cindy Jolly, P.E., Pasco County Development Review, [cjolly@pascocountyfl.net](mailto:cjolly@pascocountyfl.net)

John Arnold, P.E., Angelo's Aggregate Materials, Ltd., [John.Phillip.Arnold@gmail.com](mailto:John.Phillip.Arnold@gmail.com)

Dennis Davis, P.E., Jones Edmunds and Associates, [ddavis@jonesedmunds.com](mailto:ddavis@jonesedmunds.com)

Ronni Moore, FDEP OGC Tallahassee

Richard Tedder, P.E., FDEP Tallahassee

Frank Hornbrook, FDEP Tallahassee

Permit Notebook



# Florida Department of Environmental Protection

Southwest District  
13051 North Telecom Parkway  
Temple Terrace, Florida 33637-0926  
Telephone: 813-632-7600

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

## PERMITTEE

Angelo's Aggregate Materials, Ltd.  
P.O. Box 1493  
Largo, FL 33779

Attn: Mr. Dominic Iafrate,  
President

## PERMIT/CERTIFICATION

WACS Facility ID No: SWD/51/87895  
Permit No: **177982-007-SO/T3**  
Date of Issue: **05/31/2007**  
Expiration Date: **05/31/2012**  
County: Pasco  
Lat/Long: 28° 19' 53"  
82° 08' 06"  
Sec/Town/Rge: 5 & 8/25S/22E  
Project: Enterprise Class III  
Landfill and Recycling  
Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4, 62-522 and 62-701. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or referenced in Specific Condition #A.2., and made a part hereof and specifically described as follows:

To operate a Class III Landfill, subject to the specific and general conditions attached, located north of Enterprise Road and west of Auton Road, southeast of Dade City, Pasco County, Florida. The specific conditions attached are for the operation of:

### 1. Class III Landfill

Disposal acres	Approx. 60.9 acres (Cells 1-8 and 15) [ref. SC#A.2.c, Sheet C-5]
Lowest Bottom elevation of cell	+80 ft. NGVD (Cell 15) [ref. SC#A.2.c, Sheet C-4]
Top elevation at final buildout (entire landfill-including cover)	max. +175 feet NGVD [ref. SC#A.2.c, Sheet C-12; #A.2.a(1), §3.8.1.]
Sideslopes max.	3H:1V below elevation +125 ft. NGVD, 4H:1V above el. +125 ft. NGVD [ref. SC#A.2.d., Sheets 14, 16 and 17 of 27; #A.2.a(1), §3.8]
Liner system	3 foot-thick clay (bottom only Cells 1-5, 7 and 15; bottom & sides of Cells 6, 8, 9, 10, 11), max. permeability= $1 \times 10^{-8}$ cm/sec [ref. SC#A.2.a(1), §3.10.2.]
LCS drainage system	none
Design life	3 years (Cells 1-8 and 15), 6 years (Cells 1-11 and 15) [ref. SC#A.2.a(1), Table 3.8],

**Replaces Permit No.: 177982-002-SO (including modifications)**

**Includes modification Nos. 177982-012 dated 10/31/2007; 177982-013 and 177982-014 dated 02/20/2008; 177982-015 dated 09/10/2008; and 177982-016-MM dated 01/07/2010.**

This permit contains compliance items summarized in Attachment 1 that shall be complied with and submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

**GENERAL CONDITIONS:**

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

**GENERAL CONDITIONS:**

11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
  - (a) Determination of Best Available Control Technology (BACT)
  - (b) Determination of Prevention of Significant Deterioration (PSD)
  - (c) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
  - (d) Compliance with New Source Performance Standards
14. The permittee shall comply with the following:
  - (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
  - (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
  - (c) Records of monitoring information shall include:
    1. the date, exact place, and time of sampling or measurements;
    2. the person responsible for performing the sampling or measurements;
    3. the dates analyses were performed;
    4. the person responsible for performing the analyses;
    5. the analytical techniques or methods used;
    6. the results of such analyses.

**PERMITTEE: Angelo's Aggregate Materials, Ltd.**

**PERM1\_ NO.: 177982-007-SO/T3  
Enterprise Class III Landfill**

**GENERAL CONDITIONS:**

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

**SPECIFIC CONDITIONS: PART A -Solid Waste Facility General Requirements**

1. **Facility Designation.** This site shall be classified as a Class III landfill for disposal of construction and demolition debris and Class III wastes only, and shall be operated in accordance with all applicable requirements of Chapters 62-4, 62-302, 62-330, 62-520, 62-522, 62-550, and 62-701, Florida Administrative Code (F.A.C.) and all applicable requirements of Department rules.

2. **Permit Application Documentation.** This permit is valid for operation of fill sequences 1 through 7 (shown on Sheet C-5 [ref.SC#A.2.c]) of the Class III landfill and related systems in accordance with Department rules, and the reports, plans and other information prepared by Tetra Tech HAI (TTHAI) and Jones, Edmunds & Associates (JEA) (unless otherwise specified) as follows:

a. Enterprise Recycling and Disposal Facility Class III Landfill Permit Renewal Application, Pasco County, (one 3-ring binder) dated August 2005 (received August 23, 2005), prepared by TTHAI, as revised, replaced or amended (information inserted into original) dated February 8, 2006 (TTHAI), June 2006 (JEA), November 2006 and April 13, 2007 (JEA) (received February 9, 2006, July 6, 2006, November 13, 2006 and April 18, 2007). This information includes, but is not limited to:

1) *Engineering Report, Section 3 including revisions described in SC#A.2.g, and A.2.i., below,*  
**Amended 02/20/2008; 01/07/2010.**

2) *Operations Plan, Appendix 3-A, including revisions described in SC#A.2.g., A.2.h., and A.2.i. below,*  
**Amended 02/20/2008; 09/10/2008; 01/07/2010.**

3) *Contingency Plan, Appendix 3-B,*

4) *Groundwater Monitoring Plan, Section 5, including revisions described in SC#A.2.i., below,*  
**Amended 01/07/2010.**

5) *Reclamation and Closure Plan (including long-term care plan), Section 7;*

b. Responses to Request for Additional Information,... (one 3-ring binder) dated February 8, 2006 (TTHAI), June 2006 (JEA), November 2006 (JEA), and April 13, 2007 (JEA) (received February 9, 2006, July 6, 2006, November 13, 2006 and April 18, 2007) (replacement pages inserted into original [ref.SC#A.2.a.] as appropriate, other attachments included in this binder);

c. Plan Sheets titled, Angelo's Recycled Materials Enterprise Recycling and Disposal Facility (25 sheets) dated November 2006 (received November 13, 2006) including revisions described in SC#A.2.g., and A.2.i., below, prepared by JEA (note: reduced size set in Attachment 7 of November 2006 submittal by JEA [ref.SC#A.2.b.]);  
**Amended 02/20/2008; 01/07/2010.**



**SPECIFIC CONDITIONS: PART A -Solid Waste Facility General Requirements**

(Specific Condition #A.2., cont'd)

d. Topographic Surveys (Sheets 1 through 3 of 3, 1 through 6 of 6 and reduced size survey dated March 9, 2006), prepared by Pickett Surveying and Photogrammetry, received November 13, 2006.

e. Permit application for minor modification and supporting documents regarding revisions to the perimeter gas probe locations, prepared by HDR Engineering, Inc., received August 6, 2007, with replacement pages received September 18, 2007.  
New 10/31/2007.

f. Permit application for minor modification and supporting documents regarding changes to the monitor well network for Sequences 2, 3, and 4 [Cells 3, 4, and 5] including the abandonment of well MW-1, installation of well MW-1A, and abandonment of piezometer P-2, prepared by HDR Engineering, Inc., received September 27, 2007 and November 26, 2007.  
New 02/20/2008.

g. Permit application for minor modification and supporting documents (unbound documents) regarding sequence of fill dated November 28, 2007 (received November 29, 2007), prepared by Jones, Edmunds & Associates, including, but not limited to:

1) revised Operations Plan pages inserted into Appendix 3-A [ref. SC#A.2.a(2) above],

2) revised plan sheets V-2, C-8, C-8A, C-9, and C-22 inserted into Plan Sheet set [ref. SC#A.2.c.], and

3) revised Engineering Report pages inserted into Appendix 3 [ref. SC#A.2.a(1) above].

New 02/20/2008.

h. Request for minor permit modification (unbound document in file) regarding "Incidental Plastics and Cardboard Recycling," dated June 13, 2008 (received June 16, 2008), prepared by Angelo's Recycled Materials Ltd., including:

1) revised Operations Plan page (page 8) inserted into Appendix 3-A [ref. SC#A.2.a(2) above].

New 09/10/2008.

**SPECIFIC CONDITIONS: PART A -Solid Waste Facility General Requirements**

(Specific Condition #A.2., cont'd)

i. Request for minor permit modification (3-ring binder) regarding sequence of fill and modification of the monitoring plan dated August 6, 2009 (received August 7, 2009), October 21, 2009 (received October 22, 2009), and November 19, 2009 (received November 23, 2009), prepared by Jones, Edmunds & Associates, including but not limited to:

- 1) revised Engineering Report pages inserted into Section 3 [ref. SC#A.2.a.(1), above],
- 2) revised Operations Plan pages inserted into Appendix 3-A [ref. SC#A.2.a.(2), above],
- 3) revised plan sheets C-5, C-8A, C-9 through C-13, C-15, and C-18 through C-20 [ref. SC#A.2.c., above], and,
- 4) revised Ground Water Monitoring Plan pages inserted into Section 5 [ref. SC#A.2.a.(4), above].

**New 01/07/2010.**

**3. Permit Modifications.**

a. Any construction, operation or other activities not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate, or unless otherwise approved in writing by the Department. Any significant changes to the construction or operation at the facility shall require a permit modification. Permits shall be modified in accordance with the requirements of Rule 62-4.080, F.A.C. A modification which is reasonably expected to lead to substantially different environmental impacts which require a detailed review by the Department is considered a substantial modification.

b. This permit does not authorize operation of disposal Cells 9, 10, 11, 12, 13, 14 or 16. Operation in these cells requires a permit modification that includes revised slope stability calculations for the excavation slopes and working slopes.

c. Cells 14 and 16 are authorized to be used as temporary stormwater/leachate control.

d. This permit authorizes recycling of concrete, clean wood wastes, scrap metal, cardboard and plastic only [ref. SC#A.2.a.(2), §5.7]. Recycling of other materials may require a permit modification.  
Amended 09/10/2008.

**4. Permit Renewal.** No later than October 30, 2011, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules. Permits shall be renewed at least every five years as required by Rule 62-701.320(10)(b), F.A.C.

**SPECIFIC CONDITIONS: PART A -Solid Waste Facility General Requirements**

5. **Professional Certification.** Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), Florida Statutes, applicable portions of permit applications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared or approved them.

6. **General Conditions.** The permittee shall be aware of and operate under the "General Conditions". General Conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.

7. **Permit Acceptance.** By acceptance of this Permit, the Permittee certifies that he/she has read and understands the obligations imposed by the Specific and General Conditions contained herein and also including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

8. **Regulations.** Chapter 62-701, F.A.C., effective May 27, 2001, is incorporated into this permit by reference. In the event that the regulations governing this permitted operation are revised, the Department shall notify the permittee, and the permittee shall request modification of those specific conditions which are affected by the revision of regulations to incorporate those revisions.

9. **Prohibitions.** The prohibitions of Rule 62-701.300, F.A.C., shall not be violated by the activities at this facility.

a. In the event that limestone is encountered during excavation or construction activities, the excavation/construction activities shall cease and the Department shall be notified **within 24 hours of discovery**. Written notification shall be submitted **within 7 days of discovery**. The written notification shall include the location, elevation, and extent of limestone noted on a plan sheet, a description of the materials encountered, and a plan of action which ensures that groundwater will not be adversely affected by the continued construction and operation of the facility. Excavation or construction activities shall not resume in the affected area until the Department-approved plan of action has been completed.

b. In the event that surface depressions or other occurrences which may be indicative of sinkhole activity or subsurface instability, are discovered onsite, or within 500 feet of the site, the Department shall be notified in accordance with Specific Condition #C.6.b. The written notification shall include a description of the incident, the location and size of the affected area shown on an appropriate plan sheet, and a corrective action plan which describes the actions necessary to prevent the unimpeded discharge of waste or leachate into ground or surface water.

**SPECIFIC CONDITIONS: PART A -Solid Waste Facility General Requirements**

(Specific Condition #A.9., cont'd)

c. Open burning of solid waste is prohibited except in accordance with Rule 62-701.300(3) and Chapter 62-256, F.A.C. All fires which require longer than one (1) hour to extinguish must be promptly reported to the Department in accordance with Specific Condition #C.6.b.

d. The lowest cell bottom elevation (Cells 3, 6-11) is approximately **+81.6 feet NGVD** (top of clay in Cell 3). In the event that subsequent groundwater monitoring indicates that the groundwater may adversely impact the clay liner, information that addresses the requirements of Rule 62-701.400(11), F.A.C. shall be submitted for Department review and approval. In the event that corrective actions are required, a permit modification may be required.

**SPECIFIC CONDITIONS: PART B - Construction Requirements**

1. **Construction.** All construction activities shall be approved by the Department prior to initiating work, unless specifically authorized otherwise.

a. This permit authorizes the operation of **Cells 1-7 and Cell 15** of the Class III disposal facility. This permit does not authorize the **construction** of these Cells. Construction of new cells shall be in accordance with Construction Permit #177982-008-SC/T3 or its successors.

**Amended 01/07/2010.**

2. **Certification of Construction Completion.** Certification of Construction completion shall be provided for each new cell in accordance with the conditions of Construction Permit #177982-008-SC/T3 or its successors.

**SPECIFIC CONDITIONS: PART C - Operation Requirements****1. Facility Operation Requirements.**

a. The permittee shall operate this facility in accordance with Rules 62-701.500 and 62-701.530, F.A.C., the **Operation Drawings** [ref. SC#A.2.c.], the **Operations Plan** [ref. SC#A.2.a(2)] and any other applicable requirements.

b. This permit does not authorize the management of septage, sludge, industrial wastes, household hazardous wastes, Class I wastes, oily wastes, or other wastes not specifically defined in Rule 62-701.200(14), F.A.C., as Class III wastes.

c. Leachate shall not be deposited, injected, dumped, spilled, leaked, or discharged in any manner to soils, surface water or groundwater in violation of Rule 62-701.300(1)(b), F.A.C., at any time during the construction or operation of this facility.

d. Site Inspections.

1) The owner or operator shall inspect the site for erosion and settlement (low spots and improperly graded areas) daily on operating days. Erosion and settlement shall be repaired in accordance with Specific Condition #C.6, and Sections 8.2 and 20.0 of the *Operations Plan*.

2) The owner or operator shall inspect the landfill facility for the presence of objectionable odors at the property boundary **daily on operating days** [ref. SC#A.2.a(2), §10.1.]. In the event that objectionable odors are detected at the property boundary, the owner or operator shall abate the odors in accordance with Specific Condition #C.5.

3) The owner or operator shall inspect the normal traffic areas of the facility for litter **daily**. The property boundaries shall be inspected for litter **daily** [ref. SC#A.2.a(2), §13.0]. Litter shall be collected and disposed of in the Class III landfill, **at least once per day**, or more often as necessary. In the event that the litter control program is ineffective, the operator shall notify the Department, and implement additional litter control measures **within 30 days**.

e. Equipment. In the event of equipment breakdown or scheduled maintenance, the owner or operator shall ensure that sufficient reserve equipment is operating at the site within 24 hours of the occurrence [ref. SC#A.2.a(2), §4.0, §17.0]. In the event that sufficient reserve equipment is not obtained within 24 hours, the permittee shall notify the Department in accordance with Specific Condition #C.6.b., below and provide a schedule for corrective actions.

f. Fires.

1) In the event of fires, natural disasters or other emergency conditions, the permittee shall comply with the *Contingency Plan* [ref. SC#A.2.a(3)] and the conditions of this permit.

**SPECIFIC CONDITIONS: PART C - Operation Requirements**

(Specific Condition #C.1.f., cont'd)

2) In the event of a fire which requires offsite assistance from the local fire protection authorities, the Department shall be notified pursuant to Specific Condition C.6.b., and the owner or operator shall cease disposal of waste in the affected area until the fire has been completely extinguished, or as otherwise specified by the Department. Trenches cut into the waste shall not be used to extinguish fires without prior Department approval.

3) *Hot loads.* All waste received in "hot loads" shall be spotted and unacceptable wastes removed after the fire is extinguished and before pushing and compacting in the disposal area. In the event that the waste type (i.e. that it is Class III waste) cannot be determined after the fire is extinguished, the waste shall be removed for disposal at a Class I landfill.

g. In the event of fire, hurricane or other severe natural event, inoperable equipment, lack of qualified personnel, or stormwater control problems which allow prolonged (**greater than 72 hours**) contact of ponded water with waste, the facility shall cease disposing waste in the affected area until appropriate drainage has been restored.

h. Top gradients of intermediate cover shall be designed to prevent ponding or low spots and minimize erosion. **Daily**, the owner or operator shall operate the facility, maintain grades, or utilize berms and swales, to prevent ponded water within the disposal areas.

i. All waste debris or materials shall be unloaded inside the designated disposal area. Waste shall not be disposed (unloaded, spread, or compacted) during non-daylight hours [see SC#A.2.a(2), §2.3].

j. The permittee shall clearly stake/mark the location of the edge of the permitted disposal area and maintain the locations as the landfill increases in elevation.

**2. Operating Personnel.**

a. A trained operator (trained in accordance with the Section 15.1 of the *Operations Plan* [ref. SC#A.2.a(2)]) shall be on duty at the facility whenever the facility is operating and shall be responsible for operating and maintaining the facility in an orderly, safe, and sanitary manner.

**SPECIFIC CONDITIONS: PART C - Operation Requirements**

(Specific Condition #C.2., cont'd)

b. A sufficient number of trained spotters (at least one trained spotter) shall be on the ground at the tipping areas (including the yard trash processing area) at all times that waste is being accepted at the facility to inspect each load of waste as it is unloaded and spread, and shall remove prohibited materials prior to processing [ref. SC#A.2.a(2), §5.1, §15.1.]. Training of spotters shall be in accordance with the Section 15.1 of the *Operations Plan*.

c. A sufficient number of trained personnel shall be available to adequately operate the facility. In the event that a trained operator or spotter is not available at the site, the facility shall be closed and shall not accept waste. In the event that unacceptable wastes are not adequately removed from the waste prior to disposal, additional trained spotters shall be required.

d. The permittee shall notify the Department in writing of a change of the primary on-site supervisor within 7 days of the effective start date of this new responsible individual. Training documentation shall be maintained at the landfill site, and copies shall be provided to the Department upon request.

3. **Control of Access.** Access to, and use of, the facility shall be controlled as required by Rule 62-701.500(5), F.A.C. Adequate access to the working face shall be provided for all weather conditions while the facility is receiving waste for disposal.

4. **Monitoring of Waste.**

a. Wastes shall be monitored as required by Rule 62-701.500(6), F.A.C., including a load checking program and associated activities. The owner or operator shall conduct three random load checks per week at the active working face [ref. SC#A.2.a(2), §5.5]. Documentation of the three random load checks, including descriptions (type and quantity) of unacceptable wastes discovered, shall be maintained on-site, and copies provided to the Department upon request.

b. The permittee shall not accept hazardous waste or any hazardous substance at this site. Hazardous wastes are wastes listed in 40 CFR 261 Subpart D as hazardous or are wastes characterized in 40 CFR 261 Subpart C as hazardous. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule. Sludges or other wastes which may be hazardous should be disposed of in accordance with Rules 62-701.300(4) and 62-701.500(6)(b), F.A.C. In the event that hazardous wastes are discovered, the Department shall be notified in accordance with Specific Condition #C.6.b.



**SPECIFIC CONDITIONS: PART C - Operation Requirements**

**5. Control of Nuisance Conditions.**

a. The owner or operator shall control odors, vectors (mosquitoes, other insects, rodents), and fugitive particulates (dust, smoke) arising from the operation so as to protect the public health and welfare. Such control shall minimize the creation of nuisance conditions on adjoining property. Complaints received from the general public, and confirmed by Department personnel upon site inspection, shall constitute a nuisance condition, and the permittee must take immediate corrective action to abate the nuisance.

b. To reduce the potential for the offsite migration of objectionable odors, the owner or operator shall:

- 1) Cover unacceptable waste containers with a waterproof cover;
- 2) Apply soil cover in accordance with the *Operations Plan* [Egr. Rpt., SC#A.2.a(1), §3.10.1]
- 3) Minimize the storm water infiltration and accumulation in the waste by maintaining grades and berms and removal of water which has accumulated within the disposal area.

c. In the event that the odor control measures performed at the facility, do not sufficiently abate objectionable odors at the property boundary, **within sixty (60) days** of initial detection, the owner or operator shall submit an odor abatement plan to the Department for approval. The odor abatement plan shall include at a minimum, a description of the proposed corrective actions and a schedule for implementation.

**6. Facility Maintenance and Repair.**

a. The site shall be properly maintained including maintenance of access roads to disposal areas, equipment, stormwater management systems, cover systems and berms, gas monitoring system, and groundwater monitoring system. Erosion and ponded water in disposal areas shall be prevented. Erosion in the stormwater management system shall be minimized.

b. In the event of damage to any portion of the landfill site facilities, unauthorized leachate discharge, failure of any portion of the landfill systems, damaged or dry groundwater monitoring wells, damage to the bottom clay layer, fire, explosion, the development of sinkhole(s) or other subsurface instability at the site, landfill gas exceedances, etc., the permittee shall **immediately (within 24 hours)** notify the Department explaining such occurrence and remedial measures to be taken, method to prevent reoccurrence, and time needed for repairs. Written, detailed notification shall be submitted to the Department within seven (7) days following the occurrence.

**SPECIFIC CONDITIONS: PART C - Operation Requirements**

(Specific Condition #C.6., cont'd)

c. In the event that any portion of the groundwater monitoring system is damaged or unable to be sampled, corrective actions shall be completed **within sixty (60) days** of the written notification specified in Specific Condition #C.6.b., unless otherwise approved by the Department. Corrective actions which include relocation or installation of new groundwater monitoring wells shall be in accordance with Specific Condition #E.5., or as otherwise approved by the Department.

d. In the event that the stormwater management system or bottom clay layer is damaged or is not operating effectively, corrective actions shall be implemented **within thirty (30) days** of the written notification specified in Specific Condition #C.6.b., unless otherwise approved by the Department.

e. Intermediately covered areas, or areas which discharge to the stormwater management system, which exhibit significant erosion shall be repaired **within 48 hours of detection**, or by the close of the next business day, whichever occurs first. For the purposes of compliance with this Specific Condition, "significant" means that either:

- 1) the soil cover materials have eroded such that greater than 50% of the soil in that location has been eroded, or
- 2) waste is exposed.

f. In the event that the intermediately covered side slopes exhibit chronic, "significant" erosion as defined above, a corrective action plan shall be submitted to the Department **within thirty (30) days** of written notification and request from the Department and corrective actions shall be implemented in accordance with the Department approved corrective action plan.

g. Areas which have received final cover, and which exhibit significant erosion as defined above, shall be repaired **within 72 hours of detection**.

h. Settlement. Areas which exhibit settlement (low spots and improperly graded areas) that may cause ponding of water shall be repaired (additional soil placed, regraded, seeded and/or sodded) **within seven (7) days**.

**SPECIFIC CONDITIONS: PART C - Operation Requirements**

**7. Stormwater System Management.**

a. The site shall have a surface water management system designed, constructed, operated, and maintained to prevent surface water from running onto waste filled areas and a stormwater runoff control system designed, constructed, operated, and maintained to collect and control stormwater to meet the requirements of Chapter 62-330, F.A.C., and the requirements for management and storage of surface water in accordance with Rule 62-701.500(10), F.A.C., to meet applicable standards of Chapters 62-3, 62-302, and 62-330, F.A.C. All stormwater conveyances shall be inspected at least weekly to verify adequate performance. Conveyances not performing adequately shall be repaired in accordance with the procedures specified in the *Operations Plan* [ref. SC#A.2.a(2), §10.3.]. Documentation of all inspections and repairs shall be kept on file at the facility.

b. Maintenance of the surface water management system shall be conducted in accordance with Section 10.3 of the *Operations Plan* and Section 7.2. of the *Reclamation and Closure Plan* [ref. SC#A.2.a(5)].

**8. Leachate Management.**

a. Leachate shall be managed in accordance with the requirements of Specific Condition #E.9. and Rule 62-701.300(1), F.A.C.

**9. Special Wastes Handling Requirements.**

a. The design, operation, and monitoring of disposal or control of any "special wastes" shall be in accordance with the procedures provided in the *Operation Plan* [ref. SC#A.2.a(2)]; the Engineering Report [ref. SC#A.2.a(1)]; Rules 62-701.300(8) and 62-701.520, F.A.C.; and any other applicable Department rules, to protect the public safety, health and welfare. The special wastes shall be stored and managed such that discharge of contaminants to the environment is prevented. The special wastes shall be handled on a first-in, first-out basis. The special wastes shall be stored in a location which does not interfere with the sequence of filling.

b. Scrap metal. Scrap metal separated from the waste stream may be temporarily stored adjacent to the working face until the end of each working day. Except as described in this specific condition, the scrap metal and white goods shall be stored in a rolloff container and shall be removed from the site **monthly**. White goods which may contain freon shall be managed such that the freon or other contaminants are not discharged to the environment. Scrap metals which may include residual contaminants such as gasoline, oil, paint, antifreeze, PCBs, etc., shall be stored and managed such that the residues or constituents thereof are not spilled, leaked, dumped, or otherwise discharged onto the soil or into surface or groundwaters. Scrap metals storage containers shall be tarped at the end of each working day and in the event of inclement weather.

**SPECIFIC CONDITIONS: PART C - Operation Requirements**

(Specific Condition #C.9., cont'd)

c. Yard Waste/Land Clearing Debris. The yard trash processing facility shall be operated in accordance with the requirement of Rule 62-709.320, F.A.C., the Operations Plan [ref. SC#A.2.a(2), §5.8], and the conditions of this permit. A spotter shall be present at the yard trash disposal area at all times that wood wastes are being disposed. The spotter shall inspect each load as it is dumped, and shall remove all unacceptable wastes. Wood wastes shall be processed at least once every 180 days [ref. SC#A.2.a(2), §5.8]. A 50/50 mixture of mulched yard trash/land clearing debris and soil may be used for weekly cover or for slope stabilization within the disposal area.

d. Asbestos. Asbestos shall be managed in accordance with Rule 62-701.520(4), F.A.C., Section 5.6 of the Operations Plan [ref. SC#A.2.a(2)]; and all other applicable federal and Department rules. Asbestos containing materials shall be covered by a minimum 6-inches of soil at the end of each day that asbestos is received at the facility.

e. Contaminated soil. Soils that are reasonably believed to be contaminated shall not be disposed at this site. In order to ensure that these materials are not inadvertently received at the site, for all loads with large quantities of soil, **prior to the acceptance of the load**, the permittee shall request the following information for each load: name, address and phone number of generator (i.e., jobsite where material is generated), a certification from the generator that the material is not known to be contaminated and/or did not originate from a contaminated former waste disposal area.

f. Excavated wastes. Wastes excavated from the redevelopment of former disposal sites/areas may be disposed at this site on a case-by-case basis only with Department approval prior to acceptance of the materials [ref. SC#A.2.a(2), §5.4].

g. Batteries, paint, chemicals. These materials that are received incidentally in the wastes shall be managed as unacceptable wastes, removed from the incoming loads and stored in a fully enclosed storage container [SC#A.2.a, Response 14.c., 7/3/06], and shall be stored **no longer than 30 days**.

**10. Waste Handling Requirements.**

a. A sufficient number of spotters shall be utilized at the facility for removing unacceptable wastes [ref. SC#A.2.a(2), §5.1]. In the event that unacceptable wastes are not adequately removed due to inadequate personnel, additional trained spotters shall be required.

**SPECIFIC CONDITIONS: PART C - Operation Requirements**

(Specific Condition #C.10., cont'd)

b. A trained spotter shall be positioned at the working face to inspect each load from ground level (i.e. while off of the equipment) as it is being received, unloaded and as it is spread and compacted and remove unacceptable wastes [ref. SC#A.2.a(2), §5.1].

c. Unauthorized Wastes.

1) Unauthorized wastes shall be removed from the waste and stored in containers located immediately adjacent to (within 150 feet) the active face. Non-putrescible unacceptable wastes shall be removed for disposal **within 30 days** or when the container is full, whichever occurs first [ref. SC#A.2.a(2), §5.3].

2) Containers which store putrescible wastes shall be covered/tarped at the end of each business day, and in the event of inclement weather. Putrescible wastes shall be stored no longer than 48 hours.

3) Unauthorized wastes shall be removed from the incoming loads immediately, and no other loads shall be dumped in the vicinity until all unacceptable wastes have been removed and stored in the containers provided. No more than two loads shall be allowed to dump simultaneously per spotter at the working face [ref. SC#A.2.a(2), §5.1].

**11. Waste Covering Requirements.** All solid waste disposed of in the Class III landfill shall be covered as required by Rule 62-701.500(7), F.A.C.

a. Initial Cover. Initial cover shall be applied and maintained at the end of each week in the Class III landfill in accordance with Rule 62-701.500(7)(e), F.A.C., so as to protect the public health and welfare.

b. Alternate Initial Cover. Initial cover shall consist of a minimum of 6-inch thick soil layer, unless alternate initial cover has been approved by the Department for use at this facility. Alternate initial cover materials shall be approved by the Department prior to use at the facility.

c. Intermediate Cover. Intermediate cover shall be applied and maintained in accordance with Rules 62-701.500(7)(f), F.A.C. Cover materials other than soil (unless identified herein) shall not be used for intermediate cover without prior written Department approval.

d. Contaminated soils shall not be accepted at this facility for disposal or use as initial, intermediate or final cover.

**12. Working Face.**

a. Pursuant to Rule 62-701.500(7)(d), F.A.C., the owner or operator shall minimize the size of the working face to minimize leachate and the unnecessary use of cover material.

**SPECIFIC CONDITIONS: PART C - Operation Requirements**

(Specific Condition #C.12., cont'd)

b. Waste slopes (including the working face slope) shall not exceed a slope of 3H:1V up to elevation +125 ft. NGVD. Above this elevation, slopes shall not exceed 4H:1V [ref. SC#A.2.a(1), §3.8; #A.2.a(2), §8.1].

**13. Method and Sequence of Filling.**

a. The method and sequence of filling shall be in accordance with the Permit Drawings [ref. SC#A.2.c], Operations Plan [ref. SC#A.2.a(2), §8.0] and Engineering Report [ref. SC#A.2.a(1), §3.8] (as amended), or as otherwise approved in writing by the Department.  
Amended 02/20/2008.

b. No waste shall be accepted in newly constructed Cells until the following requirements have been completed and submitted by the Permittee, and approved by the Department, for the constructed Cell:

1) Certification of Construction Completion requirements in accordance with the conditions of Construction Permit #177982-008-SC/T3 or its successors.

2) financial assurance requirements of Specific Condition #D.4.c.,

3) construction of groundwater monitoring wells and gas probes as required by Specific Conditions #E.3, E.5., and F.3. and

4) construction of required portions of the stormwater management system.

c. The owner or operator shall conduct a topographic survey of, and shall estimate the remaining disposal capacity and site life of each disposal area as required by Rule 62-701.500(13)(c), F.A.C. [ref. SC#A.2.a(2), §19.0]. **Annually, no later than April 15<sup>th</sup> each year,** a copy of this survey, supporting capacity calculations, signed and sealed by a registered professional engineer and/or licensed professional land surveyor as appropriate shall be submitted to the Department. The survey shall demonstrate that the above-grade sideslopes are no greater than the design slopes, that the top elevation does not exceed design elevation, and that all other design features and related improvements conform to the Department-approved permit drawings. The capacity estimate shall include updated design lifetime (e.g. years, months) calculations.

**SPECIFIC CONDITIONS: PART D - Recordkeeping**

1. **Report submittals.** Unless otherwise specified, all submittals, notifications, requests for permit modification, reports for compliance with this permit, etc. shall be sent to: Solid Waste Section, Department of Environmental Protection, Southwest District Office, 13051 North Telecom Parkway, Temple Terrace, Florida 33637-0926.

2. **Operation Plan and Operating Record.** Each landfill owner or operator shall have an operational plan which meets the requirements of Rule 62-701.500(2), F.A.C. A copy of the Department approved permit, operational plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections. Operating records as required by Rule 62-701.500(3), F.A.C., are part of the operations plan, and shall also be maintained at the site.

3. **Waste Records.**

a. Waste records shall be maintained as required by Rule 62-701.500(4), F.A.C. The owner or operator of the facility shall weigh each load of waste as it is received (with scales at the facility) and record, in tons per day, the amount of waste debris and material received. This information shall be compiled **monthly** and submitted to the Department (Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, M.S. 4565, Tallahassee, Florida 32399-2400) **quarterly, by January 15<sup>th</sup>, April 15<sup>th</sup>, July 15<sup>th</sup> and October 15<sup>th</sup> of each year.** Waste shall not be accepted for disposal at the landfill unless weight scales are available at the facility and are in proper working condition.

b. The following reports, documents and other information shall be kept at the facility for reference, and copies shall be provided to the Department upon request:

- 1) Waste quantity reports required by Rule 62-701.500(4), F.A.C.
- 2) A log of the facility operator's weekly inspections, and any subsequent corrective actions;
- 3) Load checking records;
- 4) Rejected Load Forms [ref. SC#A.2.a(2), §5.1], and a list of incidents of disposal of contaminated soil or other industrial wastes or sludges. This list should include the generator's name and address, and a description of the waste disposed;
- 5) Operator and spotter training certificates and other documentation; and
- 6) Log of odor complaints and corrective action.

**SPECIFIC CONDITIONS: PART D - Recordkeeping**

(Specific Condition #D.3.b., cont'd)

7) Records as described in Rule 62-701.500(13). These records shall include all certifications for construction completion;

8) Documentation of incidents reported pursuant to Specific Condition C.6.; and

9) Water quality and gas monitoring reports.

4. **Financial Assurance.** The permittee shall provide adequate financial assurance for this facility and related appurtenances in accordance with Rule 62-701.630, F.A.C.

a. All costs for closure shall be adjusted and submitted **annually, by March 1<sup>st</sup> each year** to: Solid Waste Manager, Solid Waste Section, Department of Environmental Protection, 13051 North Telecom Parkway, Temple Terrace, Florida 33637-0926.

b. Proof that the financial mechanism has been adequately funded shall be submitted **annually** to: Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, MS#4565, Tallahassee, Florida 32399-2400.

c. Proof of the initial funding of the financial assurance mechanism shall be submitted **no later than 60 days prior to** receipt of waste in each Cell.



**SPECIFIC CONDITIONS: PART E - Water Quality Monitoring Requirements**

**1. Water Quality Monitoring Quality Assurance.**

a. All field work done in connection with the facility's Water Quality Monitoring Plan shall be conducted in accordance with the Standard Operating Procedures (SOPs) described in DEP-SOP-001/01 dated March 31, 2008 [or as replaced by successor SOPs], as referenced in Rule 62-160.210(1), F.A.C. All laboratory analyses done in connection with the facility's Water Quality Monitoring Plan shall be conducted by firms that hold certification from the Department of Health, Environmental Laboratory Certification Program under Chapter 64E-1, F.A.C., as referenced in Rule 62-160.300(1), F.A.C. The SOPs utilized and the laboratory's list of certified test methods and analytes must specifically address the types of sampling and analytical work that are required by the permit and shall be implemented by all persons performing sample collection or analysis related to this permit. Alternate field procedures and laboratory methods may be used if approved according to the requirements of Rules 62-160.220 and 62-160.330, F.A.C., respectively.

**Amended 01/07/2010.**

b. The field testing, sample collection and preservation and laboratory testing, including the collection of quality control samples, shall be in accordance with methods approved by the Department in accordance with Rule 62-4.246 and Chapter 62-160, F.A.C. Approved methods published by the Department or as published in Standard Methods, A.S.T.M., or EPA methods shall be used.

**2. Zone of Discharge.**

a. The zone of discharge for this site shall extend horizontally 100 feet from the limits of the landfill disposal areas or to the property boundary, whichever is less, and shall extend vertically to the bottom of the surficial aquifer.

b. The permittee shall ensure that the water quality standards for Class G-II ground water will not be exceeded at the boundary of the zone of discharge according to Rule 62-520.420, F.A.C., and that the minimum criteria listed in Rule 62-520.400, F.A.C., will not be exceeded outside the footprint of the landfill disposal areas.

**SPECIFIC CONDITIONS: PART E - Water Quality Monitoring Requirements**

**3. Ground Water Monitor Well Locations.** The ground water monitoring well network for Sequences 1 through 8 shall be located as shown on Figure 15A, entitled "Well Location Map," prepared by Jones Edmunds, received November 23, 2009 (**attached**), as follow:

**Wells associated with the operation of Sequence 1 (Cells 1, 2 and 15):**

<u>Well #</u>	<u>Scheduling Notes</u>	<u>WACS Testsite #</u>	<u>Aquifer</u>	<u>Designation</u>	<u>Location</u>
MW-1	A, X	19566	Surficial	Background	See Figure 15A
MW-1B	A, X	19568	Floridan	Background	↓
MW-5A	A, X	19573	Surficial	Detection	↓
MW-5B	A, X	19574	Floridan	Detection	↓
MW-6	A, X	19575	Surficial	Detection	↓
MW-7A	A, X	19576	Surficial	Detection	↓
MW-7B	B	19577	Floridan	Abandoned	↓
MW-7BR	C, Y	22592	Floridan	Detection	↓
MW-8	A, X	19578	Surficial	Detection	↓
MW-8B	A, X	21323	Floridan	Detection	↓
MW-9	A, X	19579	Surficial	Detection	↓
MW-9B	A, X	21324	Floridan	Detection	↓
MW-10	A, X	19580	Surficial	Detection	↓
MW-10B	A, X	21325	Floridan	Detection	↓
Supply Well	A, X	21326	Floridan	Supply	↓

**Wells associated with the operation of Sequences 2, 3 and 4 (Cells 3, 4 and 5):**

<u>Well #</u>	<u>Scheduling Notes</u>	<u>WACS Testsite #</u>	<u>Aquifer</u>	<u>Designation</u>	<u>Location</u>
MW-3	A, X	19571	Surficial	Detection	See Figure 15A
MW-3B	A, X	21964	Floridan	Detection	↓
MW-4	A, X	19572	Surficial	Detection	↓
MW-4B	A, X	21965	Floridan	Detection	↓
MW-11	A, Z	19581	Surficial	Detection	↓
MW-11B	D, Z	22593	Floridan	Detection	↓
MW-12A	A, Z	19582	Surficial	Detection	↓
MW-12B	A, Z	19583	Floridan	Detection	↓
MW-1	E	19566	Surficial	Abandoned	↓
MW-1A	F, Y	19567	Surficial	Background	↓

**Wells associated with the operation of Sequences 5, 6 and 7 (Cells 6 and 7 and 8):**

<u>Well #</u>	<u>Scheduling Notes</u>	<u>WACS Testsite #</u>	<u>Aquifer</u>	<u>Designation</u>	<u>Location</u>
MW-2A	G, Y	19569	Surficial	Detection	See Figure 15A
MW-2B	G, Y	19570	Floridan	Detection	↓

**Wells associated with the operation of Sequence 8 (Cells 9, 10 and 11):**

<u>Well #</u>	<u>Scheduling Notes</u>	<u>WACS Testsite #</u>	<u>Aquifer</u>	<u>Designation</u>	<u>Location</u>
MW-13	H, Y	19584	Surficial	Detection	See Figure 15A
MW-14	I, Y	19585	Surficial	Detection	↓
MW-14B	I, Y	22594	Floridan	Detection	↓

**SPECIFIC CONDITIONS: PART E - Water Quality Monitoring Requirements**

(Specific Condition #E.3., continued)

**Proposed surficial aquifer and Floridan aquifer monitor wells** shall be constructed in accordance with the details provided in Figure 16 entitled "Proposed Surficial Aquifer Monitor Well Details," and Figure 17C entitled "Floridan Monitor Well Design," prepared by HAI, respectively, as referenced in the "Hydrogeological Investigation and Ground Water Monitoring Plan," prepared by JEA (Section 5 of the Engineering Report), revised November 3, 2006 [ref. SC#A.2.a(4)]

A = existing monitor well

B = to be abandoned **within 30 days of permit issuance**; documentation of well abandonment shall be submitted in accordance with Specific Condition #E.6.

C = to be installed **within 30 days of permit issuance**

D = to be installed **at least 30 days prior to disposal of waste in Cell 3**

E = to be abandoned **within 30 days of issuance of modification #177982-013**; documentation of well abandonment shall be submitted in accordance with Specific Condition #E.6.

F = to be installed **within 30 days of issuance of modification #177982-013**

G = to be installed **at least 30 days prior to disposal of waste in ~~Cell 8~~ Cell 6**

H = to be installed **at least 30 days prior to disposal of waste in Cell 9**

I = to be installed **at least 30 days prior to disposal of waste in Cell 11**

X = construction details previously provided, initial sampling event previously conducted

Y = documentation of well construction shall be submitted **within 30 days of installation** in accordance with Specific Condition #E.5.b., and #E.5.d.; an initial sampling event shall be conducted **within 7 days of well installation and development** for the parameters listed in Specific Condition #E.4.b.; results of the initial sampling event shall be submitted **within 30 days of receipt from the analytical laboratory**

Z = an initial sampling event shall be conducted **at least 30 days prior to disposal of waste in Cell 3** for the parameters listed in Specific Condition #E.4.b.; results of the initial sampling event shall be submitted **within 30 days of receipt from the analytical laboratory**

**SPECIFIC CONDITIONS: PART E - Water Quality Monitoring Requirements**

(Specific Condition #E.3., continued)

The surficial aquifer monitor wells are intended to be completed in the sandy, silty, and clayey sediments overlying the first confining unit; the Floridan aquifer monitor wells are intended to be completed in the uppermost limestone sediments encountered below the first confining unit. Under no circumstances shall the screened intervals of any of these monitor wells be open to sediments of both the surficial and Floridan aquifers, and the annular space shall be sealed to prevent the vertical movement of ground water across the first confining unit. The top of the screened interval in each surficial aquifer monitor well shall be set above the wet season water table surface.

The piezometers shall be located as shown on Figure 15A, entitled "Well Location Map," prepared by Jones Edmunds, received November 23, 2009 (**attached**), as follow:

<u>Piezometer #</u>	<u>Aquifer</u>	<u>Designation</u>	<u>Location</u>
P-2 *	Surficial	Piezometer	See Figure 15A
P-4	Surficial	Piezometer	↓
P-6	Surficial/Floridan	Piezometer	↓
P-8	Floridan	Piezometer	↓
P-10	Floridan	Piezometer	↓
P-11	Surficial	Piezometer	↓

\* = piezometer P-2 shall be abandoned **within 30 days of issuance of modification #177982-013**; documentation of piezometer abandonment shall be submitted in accordance with Specific Condition #E.6.

All monitor wells and piezometers are to be clearly labeled and easily visible at all times. The permittee should keep all monitor wells and piezometers locked to minimize unauthorized access.

**Amended** 10/31/2007; 02/20/2008; 01/07/2010.

**4. Ground Water Sampling.** The locations, parameters, and frequencies specified herein represent the minimum requirements for ground water monitoring. Additional samples, wells, and parameters may be required based upon subsequent analysis. Method Detection Limits must be less than or equal to the Maximum Contaminant Levels established for the individual parameters to demonstrate compliance with Class G-II ground water standards referenced in Chapter 62-520.420, F.A.C., and with the ground water minimum criteria referenced in Chapter 62-520.400, F.A.C. Compliance with ground water standards and minimum criteria shall be based on the analysis of unfiltered samples.

a. Ground water levels shall be measured at all active wells and piezometers listed in Specific Condition #E.3., during all sampling events described in Specific Condition #E.4.b., and #E.4.c., to a precision of 0.01 foot. Separate ground water surface contour maps for the surficial and Floridan aquifers shall be prepared for each sampling event and shall include ground water elevations (using a consistent, nationally recognized datum) calculated for each monitor well and piezometer.

**Amended** 01/07/2010.

**SPECIFIC CONDITIONS: PART E - Water Quality Monitoring Requirements**

(Specific Condition #E.4., continued)

b. An "initial sampling event" shall be conducted at all new or replacement wells **within 7 days of well installation and development** for analysis of the following parameters:

Field Parameters

Static water levels  
before purging  
Specific conductivity  
pH  
Dissolved oxygen  
Temperature  
Turbidity  
Colors & sheens  
(by observation)

Laboratory Parameters

Total ammonia - N  
Chlorides  
Iron  
Mercury  
Nitrate  
Sodium  
Total dissolved solids(TDS)  
Parameters listed in 40 CFR Part 258,  
Appendix II

Results of initial sampling event shall be submitted **within 30 days of receipt** from the analytical laboratory.

c. Routine ground water sampling events shall be conducted **semi-annually** for analysis of the following parameters:

Field Parameters

Static water levels  
before purging  
Specific conductivity  
pH  
Dissolved oxygen  
Temperature  
Turbidity  
Colors & sheens  
(by observation)

Laboratory Parameters

Total ammonia - N  
Chlorides  
Iron  
Mercury  
Nitrate  
Sodium  
Total dissolved solids(TDS)  
Parameters listed in 40 CFR Part 258,  
Appendix I

Proposed monitor wells shall be included in the **semi-annual** sampling events following completion of the "initial sampling event" in accordance with the schedule provided in Specific Condition #E.3.

**5. Ground Water Monitor Well Construction.** The following information is required to be submitted **within 90 days of installation** of all new or replacement monitor wells and piezometers, or as stated below:

a. Prior to the construction of all new or replacement wells and piezometers (excluding the proposed wells listed in Specific Condition #E.3.), the permittee shall request and receive Department approval of a minor permit modification in accordance with Specific Condition #A.3.

b. Construction details (record drawings) for all new or replacement wells and piezometers shall be provided to the Department's Southwest District Office on Department Form No. 62-520.900(3), Monitor Well Completion Form (**attached**), [or as replaced by Department Form #62-701.900(30)].

**Amended 01/07/2010.**

**SPECIFIC CONDITIONS: PART E - Water Quality Monitoring Requirements**

(Specific Condition #E.5., continued)

c. **Within 7 days of well completion and development**, each new or replacement well shall be sampled for the parameters listed in Specific Condition #E.4.b., to comply with the requirements of Rules 62-701.510(8)(a) and 62-701.510(8)(d), F.A.C.

d. A surveyed drawing shall be submitted in accordance with Rule 62-701.510(3)(d)(1), F.A.C., showing the location of all monitor wells and piezometers (active and abandoned) horizontally located in degrees, minutes and seconds of latitude and longitude, and the elevation of the top of the well casing and ground surface by the well casing to the nearest 0.01 foot, using a consistent, nationally recognized datum. The surveyed drawing shall include the monitor well and piezometer identification numbers, locations and elevations of all permanent benchmarks and/or corner monument markers at the site. The survey shall be conducted by a Florida Registered Surveyor.

**Amended 01/07/2010.**

**6. Well Abandonment.** All active wells and piezometers not listed in Specific Condition #E.3., and not a part of the approved Water Quality Monitoring Plan shall be plugged and abandoned in accordance with Rule 62-532.440, F.A.C., and the rules of the Southwest Florida Water Management District (SWFWMD). Documentation of abandonment shall include a map showing well/piezometer locations and SWFWMD abandonment records. The permittee shall submit a written report to the Department providing verification of the well/piezometer abandonment **within 30 days of abandonment**. A written request for exemption to the abandonment of a well must be submitted to the Department's Solid Waste Section for approval.

**7. Verification/Evaluation Monitoring.** If at any time monitoring parameters are detected at concentrations significantly above background water quality, or exceed the Department's water quality standards or minimum criteria in any detection well, the Permittee has 30 days from receipt of the sampling results to resample the monitor well(s) to verify the original analysis. Should the Permittee choose not to resample, the Department will consider the water quality analysis as representative of current ground water conditions at the facility. If the data is confirmed, or if the Permittee chooses not to resample, the Permittee shall notify the Department in writing within 14 days of this finding. Upon notification by the Department, the Permittee shall initiate evaluation monitoring as described in Rule 62-701.510(7)(a), F.A.C. If monitoring parameters are detected at concentrations significantly above background water quality, and exceed the Department's water quality standards or minimum criteria in any compliance well, the Permittee shall submit a preventive measures plan and initiate corrective action as described in Rule 62-701.510(7)(b), F.A.C.

**SPECIFIC CONDITIONS: PART E - Water Quality Monitoring Requirements**

**8. Surface Water Sampling.** All surface water bodies that may be affected by a contaminant release at the facility shall be monitored, except bodies of water contained completely within the property boundaries of the site which do not discharge from the site to surface waters (Rule 62-701.510(4), F.A.C.). It is not anticipated that the existing stormwater management system will discharge from the property. However, in the event that surface water discharge occurs from the stormwater management system, representative samples of each discharge event shall be collected for analysis of the parameters listed in Specific Condition #E.8.b. In the event that any modifications to the stormwater management system associated with future uses of the facility result in periodic surface water discharges from the property, the Department may require the implementation of routine surface water monitoring.

a. The locations, parameters, and frequencies specified herein represent the minimum requirements for surface water monitoring. Additional samples, sampling locations, and parameters may be required based upon subsequent analysis. Method Detection Limits must meet or be lower than the criteria established for the individual parameters to demonstrate compliance with Class III (predominantly fresh water) surface water criteria presented in Chapter 62-302, F.A.C. Compliance with surface water criteria will be based on analysis of unfiltered samples.

b. Surface water sampling shall be conducted **per discharge event** in accordance with the Department's SOPs to comply with the requirements of Rule 62-701.510(4), F.A.C. The Solid Waste Section of the Department's Southwest District office shall be notified of the occurrence of each discharge event **within 24 hours of discovery**. Surface water samples shall be analyzed for the following parameters:

<u>Field Parameters</u>	<u>Laboratory Parameters</u>	
Specific conductivity	Unionized ammonia	Total organic carbon (TOC)
pH	Total hardness	Fecal coliform
Dissolved oxygen	Biochemical oxygen demand (BOD <sub>5</sub> )	Total phosphates
Turbidity	Copper	Chlorophyll A
Temperature	Iron	Total nitrogen
Colors and sheens (by observation)	Mercury	Chemical oxygen demand (COD)
	Nitrate	Total suspended solids (TSS)
	Zinc	Those parameters listed in
	Total dissolved solids (TDS)	<u>40 CFR Part 258, Appendix I</u>

c. Sampling of the temporary stormwater pond shall be required in the event that the routine ground water sampling events conducted at the detection wells located in proximity to the temporary stormwater pond (MW-3, MW-3B, MW-4, MW-4B, MW-5A, MW-5B and MW-6) indicate monitoring parameters are detected at concentrations significantly above background water quality, or exceed the Department's ground water quality standards or minimum criteria. In this case, surface water sampling in the temporary stormwater pond shall be conducted **within 30 days of receipt of ground water results** in accordance with the Department's SOPs for analysis of the parameters listed in Specific Condition #E.8.b.

**SPECIFIC CONDITIONS: PART E - Water Quality Monitoring Requirements**

**9. Leachate Sampling.** As the Enterprise Class III Landfill was not constructed with a liner and leachate collection system, the collection of leachate samples for laboratory analysis is not required. However, the bottom clay liner is sloped toward the northeast corner of the site (future disposal Cells 14/16). The system is designed such that leachate that does not percolate through the 3 foot-thick clay liner will seep toward the northeast portion of the site and discharge into Cells 14 and 16, where it will be commingled with stormwater runoff [ref. SC#A.2.a(1), §3.10.2]. Cells 14/16 are clay-lined on the bottoms. In the event that groundwater monitoring in the vicinity of Cells 14 or 16 indicate impacts to groundwater in this area, the Permittee shall sample the stormwater/leachate stored in temporary pond/Cells 14/16 in accordance with Specific Condition #E.8.c.

**10. Water Quality Reporting Requirements.** The results of each water quality sampling event conducted at the Enterprise Class III landfill to comply with the Specific Conditions of this permit shall be included in Electronic Data Deliverable (EDD) reports that provide:

- a. Required water quality monitoring reports and all analytical results shall be submitted electronically. Water quality monitoring reports shall be submitted in Adobe pdf file format. The water quality EDD shall be provided to the Department in an electronic format consistent with requirements for importing the data into the Department's databases as summarized on the Department's web site at: <ftp://ftp.dep.state.fl.us/pub/WACS-ADaPT>.

Water quality monitoring reports shall be signed and sealed by a Florida registered professional geologist or professional engineer with experience in hydrogeological investigations and shall provide the information required by Rules 62-701.510(9)(a)1 through 62-701.510(9)(a)10, F.A.C., including:

1. Cover letter;
2. Summary of exceedances and recommendations;
3. Ground water contour maps;
4. Chain of custody forms;
5. Water levels, water elevation table;
6. Ground Water Monitoring Report Certification, using the appropriate Department form;
7. Appropriate sampling information on Form FD 9000-24 (DEP-SOP-001/01); and,
8. Laboratory and Field data and error logs, as applicable. [In addition to the Adobe pdf file format, this data and associated error logs shall be submitted in an ADaPT-compatible, comma separated text file format.]



**SPECIFIC CONDITIONS: PART E - Water Quality Monitoring Requirements**

(Specific Condition #E.10.a., continued)

The report of results shall be submitted to:

- Department of Environmental Protection, Southwest District Office, Solid Waste Section, 13051 North Telecom Parkway, Temple Terrace, FL 33637-0926; and,
- Department of Environmental Protection, Solid Waste Section 2600 Blair Stone Road, MS 4565, Tallahassee, FL 32399-2400.

b. The permittee shall submit to the Department the results of analyses reported for each sampling event conducted at the facility by the following due dates:

1. Specific Condition #E.4.b. - results of ground water "initial sampling events" shall be submitted **within 30 days from completion of laboratory analyses;**
2. Specific Condition #E.4.c. - results of ground water routine semi-annual sampling events shall be submitted **within 60 days from completion of laboratory analyses and no later than January 15<sup>th</sup> and July 15<sup>th</sup> of each year** for the periods July 1-December 31, and January 1-June 30, respectively;
3. Specific Condition #E.7. - results of ground water verification sampling events shall be submitted **within 60 days from completion of laboratory analyses;**
4. Specific Condition #E.8.b. - results of surface water "discharge sampling events" shall be submitted **within 60 days from completion of laboratory analyses; and**
5. Specific Conditions #E.8.c./#E.9. - results of sampling events conducted within the temporary storm water pond (Cells 14/16) shall be submitted **within 60 days from completion of laboratory analyses.**

**Amended 01/07/2010.**

**11. Monitoring Plan Evaluation.** The permittee shall submit an evaluation of the water quality monitoring data by the following due dates, and the time periods to be covered by the evaluations are summarized below:

<u>Water Quality Monitoring Data Evaluation Due Date</u>	<u>Starting Sampling Event</u>	<u>Ending Sampling Event</u>
April 30, 2009	Second half 2005	Second half 2008
October 30, 2011	First half 2009	First half 2011

The evaluations shall include the applicable information as listed in Rule 62-701.510(9)(b), F.A.C., and shall include assessment of the effectiveness of the existing facility design and closure as related to the prevention of ground water and surface water contamination. Any contamination that may exist shall be addressed as part of evaluation monitoring conducted at the facility in accordance with Rule 62-701.510(7), F.A.C. The evaluations shall be sent to: Solid Waste Section, Department of Environmental Protection, Southwest District Office, 13051 North Telecom Parkway, Temple Terrace, FL 33637-0926.

**SPECIFIC CONDITIONS: PART F - Landfill Gas Management**

**1. Landfill Gas - NSPS and Title V Air Requirements.**

a. This solid waste permit will meet the statutory requirement to obtain an air construction permit before modifying or constructing a source of air pollution, except for those landfills that are subject to the prevention of significant deterioration (PSD) requirements of Chapter 62-212, F.A.C. Facilities that are subject to the PSD requirements shall obtain an air construction permit from the Bureau of Air Regulation prior to beginning construction or modification pursuant to Rule 62-210.400, F.A.C.

b. The permittee shall comply with any applicable Title V air operation permit application requirements of Chapter 62-213, F.A.C., and 40 CFR 60, Subparts WWW and CC, as adopted by reference in Rule 62-204.800, F.A.C. Title V Permit applications shall be submitted to the District Air Program Administrator or County Air Program Administrator with air permitting authority for the landfill.

c. The permittee shall submit to the Division of Air Resources Management, Department of Environmental Protection, Mail Station 5500, 3900 Commonwealth Blvd., Tallahassee, FL 32399-3000, any amended design capacity report and any Non-Methane Organic Compound (NMOC) emission rate report, as applicable, pursuant to 40 CFR 60.757(a)(3) and (b).

**2. Gas Monitoring and Control.**

a. Landfills that receive biodegradable wastes shall have a gas management and control system designed to prevent: explosions and fires due to the accumulation of landfill gas concentrations on-site or off-site; lateral migration of landfill gas that causes damage to vegetation on final cover of the closed landfill or vegetation beyond the perimeter of the property on which the landfill is located; and, objectionable odors off-site. Landfill gas shall be monitored and controlled as required by Rule 62-701.530, F.A.C.

b. Landfill gas shall be monitored to demonstrate compliance with the criteria established in Rule 62-701.530(1)(a), F.A.C. (less than 25% of the lower explosive limit (LEL) for combustible gases in structures and less than 100% of the LEL for combustible gases at or beyond the property boundary).

c. The results of quarterly gas monitoring required by Rule 62-701.530(2)(c), F.A.C., shall be submitted to the Department by the following dates:

**Measured During**

Quarter 1  
Quarter 2  
Quarter 3  
Quarter 4

**Report Submitted By**

April 15<sup>th</sup> of each year  
July 15<sup>th</sup> of each year  
October 15<sup>th</sup> of each year  
January 15<sup>th</sup> of each year

**SPECIFIC CONDITIONS: PART F - Landfill Gas Management**

(Specific Condition #F.2., cont'd)

d. In the event that gas exceedances are detected, the gas monitoring locations listed in Specific Condition #F.3.a. shall be monitored monthly, and results reported **by the 15<sup>th</sup> of the month** following the sampling event until the gas exceedances have been remediated in accordance with Specific Condition #F.4. After four consecutive monthly sampling events with no exceedances, the quarterly gas monitoring required by Specific Condition #F.2.a. may resume.

**3. Gas Monitoring Locations.**

a. Landfill gas shall be monitored in accordance with the document entitled "Landfill Engineering Report," Section 3.10, prepared by JEA, revised November 2006 [ref.SC#A.2.a(1)], and as required by Rule 62-701.530, F.A.C. Proposed gas probes shall be constructed in accordance with the details provided in Figure 3-14 entitled "Gas Probe Construction Detail," prepared by HAI as referenced in the "Landfill Engineering Report." Gas probes shall be located as shown on Figure 15A, entitled "Well Location Map," prepared by Jones Edmunds, received November 23, 2009 (**attached**), as follow:

<b>Probe #</b>	<b>Location</b>	<b>Status/installation schedule</b>
GP-1	Along west boundary	Proposed/part of Cell 10 certification
GP-2	Along west boundary	Proposed/part of Cell 11 certification
GP-3	Near northwest corner	Future/part of Cell 12 certification
GP-4	Near northwest corner	Future/part of Cell <del>13</del> 12 certification
GP-5	Along north boundary	Future/part of Cell <del>14</del> 13 certification
GP-6	Along north boundary	Existing/currently monitored
GP-7	Near northeast corner	Existing/currently monitored
GP-8	Near northeast corner	Existing/currently monitored
GP-9R	Along east boundary	Existing/currently monitored
GP-10R	Along east boundary	Existing/currently monitored
GP-11	Near southeast corner	Existing/currently monitored
GP-12 *	Near southeast corner	Existing/to be abandoned
GP-12R	Near southeast corner	Existing/currently monitored
GP-13 *	Along south boundary	Existing/ to be abandoned
GP-13R	Along south boundary	Existing/currently monitored
GP-14	Along south boundary	Existing/currently monitored
GP-15	Near southwest corner	Proposed/part of Cell 6 certification
GP-16	Near southwest corner	Proposed/part of Cell 9 certification

\* = to be abandoned **within 60 days of issuance of modification #177982-016.**

In the event that the quarterly monitoring events at the landfill gas probes indicate landfill gas concentrations at or above 100% of the LEL for combustible gases, the "Gas Contingency Plan" described in Section 3.10.1.4 of the "Landfill Engineering Report," prepared by JEA, revised November 2006 [ref.SC#A.2.a(1)], shall be implemented.

**Amended 10/31/2007; 02/20/2008; 01/07/2010.**

**4. Gas Remediation.** In the event that gas concentrations are measured to exceed 100% of the LEL for combustible gases in any perimeter gas probe locations or exceed 25% of the LEL in any on-site or off-site structures, the permittee shall submit to the Department, **within 7 days of detection**, a remediation plan detailing the nature and extent of the gas migration problem and the proposed remedy. The remedy shall be completed **within 60 days of detection** unless otherwise approved by the Department.

**SPECIFIC CONDITIONS: PART G - Closure and Long-Term Care Requirements**

**1. Closure Requirements.**

a. Long-Term Care Requirements.

1) The owner or operator shall perform long-term care for the site in accordance with Rule 62-701.620, F.A.C., and the conditions of Operation Permit #177982-007-SO/T3 or its successors.

2) Long-term care includes, but is not limited to, water quality monitoring, gas monitoring, maintenance of the final cover system, maintenance of stormwater management system, erosion control, and the prevention of ponding within disposal areas.

b. Closing Requirements.

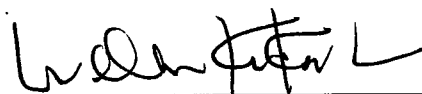
1) **No later than one hundred eighty (180) days** prior to the date when wastes will no longer be accepted for portions of the landfill which have reached closure design dimensions, the landfill owner or operator shall submit a closure permit application to the Department, in order to assure conformance with all applicable Department rules. A closure permit is required prior to implementing closure related activities.

**2. Use of Closed Landfill Areas.** Prior to implementation, the owner or operator shall submit a plan for any proposed uses of closed portions of the landfill to the Department for approval. This plan shall include a description of the proposed use, and evaluation of the impact on the existing landfill systems (e.g. final cover, leachate control, clay liner, stormwater management), engineering designs, calculations and plans as appropriate, etc. The proposed activity shall not be initiated without prior Department approval, and may require a permit modification or separate permit.

**3. Final Cover.** Portions of the landfill which have been filled with waste to the extent of designed dimensions shall be closed (shall receive final cover) within 180 days after reaching design dimensions, in accordance with Rule 62-701.500(7)(g), F.A.C. and all applicable requirements of Department rules.

Executed in Hillsborough County, Florida..

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

  
Deborah A. Getzoff  
District Director  
Southwest District

ATTACHMENT 1

Specific Condition	Submittal Due Date	Required Item
A.4.	October 30, 2011	Submit permit renewal application
A.9.a.	Within 24 hours of discovery	Notification of sinkholes or subsurface instability
	Within 7 days of verbal notification	Written notification & corrective action plan
C.6.b.	Within 24 hours of discovery	Notification of: hazardous waste receipt, failure of landfill systems or equipment
	Within 7 days of verbal notification	Written notification & corrective action plan
C.6.c.	Within 60 days of written notification	Complete corrective actions for groundwater monitoring system
C.6.d.	Within 30 days of written notification	Complete corrective actions for stormwater monitoring system
C.6.f.	Within 30 days of written notification	Submit corrective action plan for erosion
C.13.c.	Annually, by April 15 <sup>th</sup> each year	Submit topographic survey & capacity calculations
D.4.a.	Annually, by March 1 <sup>st</sup> each year	Submit revised cost estimates
D.4.b.	Annually	Submit proof of funding
D.4.c.	No later than 60 days prior to receipt of waste	Submit proof of initial funding
E.4.c.	Semi-annually	Sample all ground water monitoring wells

ATTACHMENT 1, cont'd		
Specific Condition	Submittal Due Date	Required Item
E.5.b., E.5.d.	Within 90 days of installation of new wells	Provide construction details for wells, submit survey
E.5.c.	Within 1 week of well development	Conduct initial sampling event
E.6.	Within 30 days of abandonment	Submit documentation of abandonment
E.8.	Each discharge event	Conduct surface water sampling
E.10.b.	Semi-annually, by January 15 <sup>th</sup> and July 15 <sup>th</sup> each year  Within 30 days from completion of laboratory results  Within 60 days from completion of laboratory results	Submit results of: - Ground water routine sampling events  Submit results of: - Ground water initial sampling events  Submit results of: - Ground water verification sampling events - Surface water discharge sampling events - Temporary storm water pond sampling events
E.11.	By April 30, 2009 and by October 30, 2011	Submit water quality monitoring plan evaluations
F.2.c., D.3.a.	Quarterly, by January 15 <sup>th</sup> , April 15 <sup>th</sup> , July 15 <sup>th</sup> , and October 15 <sup>th</sup> each year	Submit gas monitoring results  Submit waste records to Tallahassee
F.4.	Within 7 days of detection  Within 60 days of detection	Submit gas remediation plan  Complete corrective actions
G.1.b(1)	No later than 180 days prior to the date when wastes will no longer be received	Submit Closure Permit application

Plotted: 11/19/08 2:57pm B.Schneider

LAST SAVED: 11/19/2008 2:54 PM B.SCHNEIDER H:\01030 Apple's Recycled Material\008 Class II Permit Modification\Permit Modification Figures\01030008fig 15A.dwg

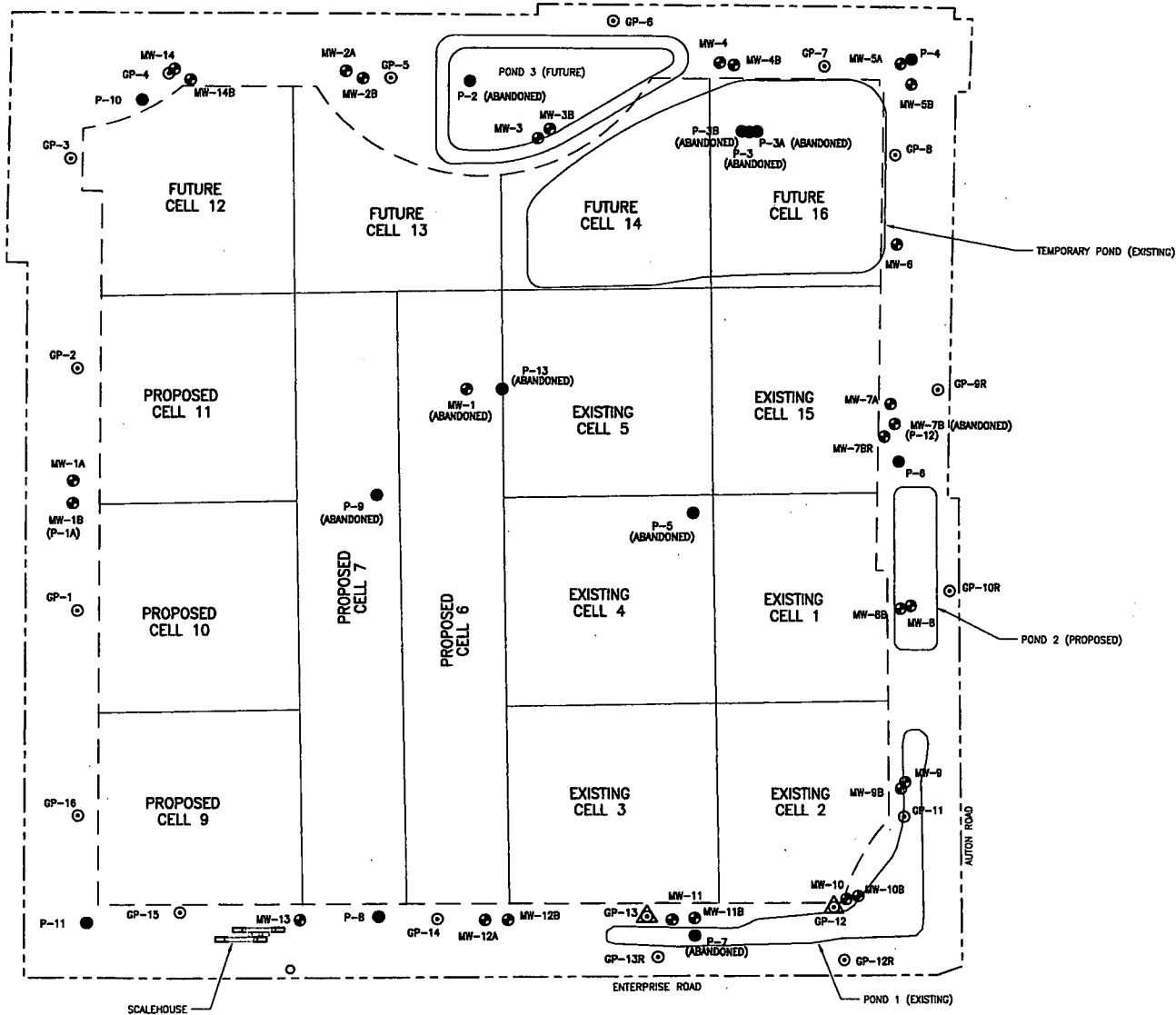


FIGURE 15A  
WELL LOCATION MAP  
ENTERPRISE RECYCLING  
AND DISPOSAL FACILITY  
PASCO COUNTY, FLORIDA

## Florida Department of Environmental Protection

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

**MONITORING WELL COMPLETION REPORT****PART I: GENERAL INFORMATION**

Well ID:	Site Name:		Well Install Date
Facility ID	Alternate ID	FLUWID #	WMD Permit #
Well Purpose <input type="checkbox"/> Background <input type="checkbox"/> Intermediate <input type="checkbox"/> Compliance <input type="checkbox"/> Other (explain)			
Latitude (to nearest 0.1 seconds)		Longitude (to nearest 0.1 seconds)	
Latitude and Longitude collection method: <input type="checkbox"/> DGPS <input type="checkbox"/> AGPS <input type="checkbox"/> MAP <input type="checkbox"/> ZIPCODE <input type="checkbox"/> DPHO <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER			

**PART II: WELL CONSTRUCTION DETAILS**

Contractor Name			Contractor License #		
Company Name					
Construction Method: <input type="checkbox"/> Hollow Stem Auger <input type="checkbox"/> Solid Stem Auger <input type="checkbox"/> Water/Mud Rotary <input type="checkbox"/> Air Rotary <input type="checkbox"/> Cable Tool <input type="checkbox"/> Direct Push <input type="checkbox"/> Sonic <input type="checkbox"/> Other (describe)				Aquifer Monitored	
Top of Casing Elevation (NVGD or NAVD)			Ground Surface Elevation (NVGD or NAVD)		
<b>Casing</b>					
Material	Inside Diameter	Outside Diameter	Depth (ft.)		
			From	To	
<b>Screen</b>					
Material	Inside Diameter	Outside Diameter	Depth (ft.)		Slot Size
			From	To	
<b>Annulus</b>					
Material including additives for sealant	Size of Material	Amount (# of bags)	Depth (ft.)		Installation Method
			From	To	



PART III: WELL DEVELOPMENT DETAILS				
Well Development Date	Well Development Method: <input type="checkbox"/> Surge/Pump <input type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input type="checkbox"/> Other (explain)			
Development Duration				
Pumping Rate	Maximum Drawdown	Well Purged Dry <input type="checkbox"/> yes <input type="checkbox"/> no	Pumping Condition <input type="checkbox"/> continuous <input type="checkbox"/> intermittent	
Turbidity (if Measured):			Stabilized Water Level (BLS)	
Start:		End:		
Water appearance (color and odor) at start of development:				
Water appearance (color and odor) at end of development:				

Report Prepared By:	Date
Title/Company	License #

[illegible]

Permitting Application - Events

Events Scheduled 53 of 90

Site # **0177982** Site Name **ENTERPRISE CLASS III LANDFILL**

Permit # **0177982-018-SO** Type/Subtype **SO** / **MM** Received **02/28/2012**

Project # **018** Project Name **ENTERPRISE MONITORING PLAN MOD**

> ISSUE PERMIT: Issued

Event	Begin Date	Period	Due Date	Rmn	Status	End Date
Receive Request	02/28/2012	1	02/29/2012		Done	02/28/2012
Fee Verification	02/28/2012	2	03/01/2012		Sufficient Fee	02/28/2012
Completeness Review	02/28/2012	30	03/29/2012		Complete	03/26/2012
Determine Agency Action	02/28/2012	90	05/28/2012		Issue	04/06/2012
Issue Final Permit	04/06/2012	14	04/20/2012		Issued	04/06/2012
STOP CLOCK	04/06/2012	1	04/07/2012		Done	04/06/2012
ISSUE PERMIT	04/06/2012	1	04/07/2012		Issued	04/06/2012

Permitting Application - Permit Detail and Log Permit

**SITE Permit**

Site Name **ENTERPRISE CLASS III LANDFILL** Site # **0177982**

County **PASCO** Comments **N** RPAs **N** # Cases **0**

**Project**

Permit # **0177982** - **018** - **SO** Project # **018** Received **02/28/2012** CRA # **383145**

Permit Office **SWD (DISTRICT)** Agency Action **Issued**

Project Name **ENTERPRISE MONITORING PLAN MOD** Desc **mod to permit #177982-007-SO/T3 (mon plan revisions)**

Type/Sub/Des **SO** / **MM** **MINOR MODIFICATION** WACS/ME ID **87895** Pre-App. ☐

Logged **02/29/2012** Issued **04/06/2012** Expires **05/31/2012** Application Action **MODIFICATION**

Fee **250.00** Fee Recd **250.00** Del  COE #  Override **NONE**

**Related Party**

Role **APPLICANT** Begin **02/29/2012** End

Name **ARNOLD, JOHN** Company **ANGELO'S AGGREGATE MATERIALS LTD**

Address **PO BOX 1493**

City **LARGO** State **FL** Zip **33779** Country **U.S.A.**

Phone **813-477-1719** Fax  Email

**Processors**

Processor **MORRIS\_JR** ☒ Active **02/29/2012** Inactive  Events

Florida Department of Environmental Protection - Enterprise Applications

Query Coll Rpts Rmnd Exit CRA Window

Cash Receiving Application - Collection Point Log Remittance

CL AREA **SWD** Logged Total **\$250.00** CRA#006A

**Collection Point Log Remittance**

Remittance ID **972014** Type **CP** Received Date **02/28/2012** Status **RECEIVED**

System Receipt **772224** PNR  Check # **1001** Amount **250.00**

SSN/FEID  Name **LOCKLEAR & ASSOCIATES PLLC**

First  Middle  Title  Suffix

Address1 **2718 SW 92ND DR**

Address2

City **GAINESVILLE** ST **FL** Zip **32608** **7979**

Country  Short Comments **SO 177982-018**

**PAYMENT(S)**

Payment ID	CL Area	Code/Description	Payment Amount	Reference#	Appl	Fund *	Grant *	Status
<b>1137161</b>	<b>SWD</b>	<b>002245 SOLID WASTE-OPE</b>	<b>250.00</b>		<b>PA</b>	<b>PFTF</b>		<b>COMPLETE</b>

COMMIT FREQUENTLY **250.00** Payment Total

(Press TAB to accept Collection Point or enter F)

Florida Department of Environmental Protection - Enterprise Applications

Permits Events Payment FIESTA PA Data Entry Site Facility Permitted EU ME Party Affiliation Lcl

Permitting Application - Permit Detail and Log Permit

**SITE Permit**

Site Name **ENTERPRISE CLASS III LANDFILL** Site # **0177982**

County **PASCO** Comments **N** RPAs **N** # Cases **0**

**Project**

Permit #  Project # **018** Received **02/28/2012** CRA # **383145**

Permit Office **SWD** Agency Action **Pending**

Project Name **ENTERPRISE MONITORING PLAN MOD** Desc

Type/Sub/Des **SO** **MM** **MINOR MODIFICATION** WACS/ME ID **87895** Pre-App

Logged **02/29/2012** Issued  Expires  Application Action **MODIFICATION**

Fee **250.00** Fee Recd **250.00** Dele  COE #  Override **NONE**

**Related Party**

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Name **ARNOLD, JOHN** Company **ANGELO'S AGGREGATE MATERIALS LTD**

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Phone **813-477-1719** Fax  Email

**Processors**

Processor **MORRIS JR** Active **02/29/2012** Inactive  Events

(Enter Y if this is the PRIMARY processor)