Florida Department of

Memorandum

Environmental Protection

PERMIT COVER MEMO

TO: x **DEBORAH A. GETZOFF, District Director**

FROM/THROUGH:
William Kutash, **ENVIRONMENTAL ADMINISTRATOR**
Susan Pelz, P.E. **SOLID WASTE MANAGER**

DATE: February 19, 2008

Modification #'s
177982-013-SO/MM and
177982-014-SO/MM to existing permit

FILE NAME: **Enterprise Class III LF** **PERMIT #:** 177982-007-SO/T3

PROGRAM : Solid Waste **COUNTY : Pasco**

TYPE OF PERMIT ACTION: **ISSUE Final modifications**

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

PERMIT SUMMARY: These modifications authorize a revised sequence of filling and revised groundwater and gas monitoring system (i.e. well locations). The facility accepts Class III waste for disposal.

PROFESSIONAL RECOMMENDATION: **X APPROVE** ____ **DENY**

EVALUATION SUMMARY: The applicant has provided the required information.

To 02/19/08:	Mod #013		Mod #014	
Application received	09/27/07		11/29/07	
RAI #1 sent	10/24/07	30		
Response to RAI rec'd	11/26/07			
Application complete	11/26/07		11/29/07	
Final permit for routing	02/19/08	86	02/19/08	83
Total	**TIH=145**	**TTP=116**	**TIH=83**	**TTP=83**

DAY 90/30 FOR THIS ACTION IS: ASAP - Day 90=02/23/08

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
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Original Mailed 2-20-08

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7007 0710 0005 3635 7304

Sent To
Street, Apt. No. or PO Box No.
City, State, ZIP

Mr. Dominic Iafrate, President
Angelo's Aggregate Materials, LTD
41111 Enterprise Road
Dade City, FL 33525-1359

PS Form 3800, August 2006 — See Reverse for Instructions

Issue Permit Mod #177982-013 and 014 - SO/MM

SENDER: Enterprise CLIII LF + Recycling

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "*Return Receipt Requested*" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Mr. Dominic Iafrate, President
Angelo's Aggregate Materials, LTD
41111 Enterprise Road
Dade City, FL 33525-1359

4a. Article Number
7007 0710 0005 3635 7304

4b. Service Type
☐ Registered ☒ Certified
☐ Express Mail ☐ Insured
☒ Return Receipt for Merchandise ☐ COD

7. Date of Delivery
2-21-8

5. Received By: *(Print Name)*
X MARTY Cook

6. Signature: *(Addressee or Agent)*
X Marty Cook

8. Addressee's Address *(Only if requested and fee is paid)*

PS Form **3811**, December 1994 — Domestic Return Receipt

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Thank you for using Return Receipt Service.

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

02/22/2008

E26

Florida Department of
Environmental Protection

Southwest District Office
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

CERTIFIED MAIL 7007 0710 0005 3635 7304
RETURN RECEIPT REQUESTED

February 20, 2008

NOTICE OF PERMIT

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

RE: Enterprise Class III Landfill
Sequence of Filling, Groundwater and Gas Monitoring systems modifications
Modification #177982-013-SO/MM and #177982-014-SO/MM to existing **Operation Permit #177982-007-SO/T3**

Dear Mr. Iafrate:

Attached is modified **Operation Permit** 177982-007-SO/T3, issued pursuant to Section(s) 403.087(1), Florida Statutes. The following Conditions have been revised in modification numbers 177982-013-SO/MM and 177982-014-SO/MM:

SPECIFIC CONDITIONS	FROM	TO	TYPE OF MODIFICATION
A.2.a(1), A.2.a(2), A.2.c.	Existing	Amended	Revised documentation for modifications
A.2.f, A.2.g.	N/A	New	New documentation for modifications
C.13.a.	Existing	Amended	Revised sequence of filling documents
E.3.	Existing	Amended	Revised groundwater monitoring system
F.3.	Existing	Amended	Revised gas monitoring system

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

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, Florida Statutes (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 the Department's proposed permitting decision 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, address, and telephone number of each petitioner, the applicant's name and address, the Department File Number and the county in which the project is proposed;

(b) A statement of how and when each petitioner received notice of the Department's action or proposed action;

(c) A statement of how each petitioner's substantial interests are or will be affected by the Department's action or proposed action;
(d) A statement of all material facts disputed by petitioner or a statement that there are no disputed facts;

(e) A statement of the ultimate facts alleged, including a statement of the specific facts, which the petitioner contends, warrant reversal or modification of the Department's action or proposed action;

(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's action or proposed action; and

(g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wants the Department to take with respect to the Department's action or proposed action.

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/sjp
Attachment
Copies furnished to:
Pasco County Board of County Commissioners
Pasco County Notification List
Donna Huber, Pasco County Development Review, 7530 Little Road, Suite 230, New Port Richey, FL 34654, w/attachment
John Arnold, P.E., Angelos, PO Box 1493 Largo, Fl. 33779
Dennis Davis, P.E., Jones Edmunds, 730 NE Waldo Rd, Gainesville, Fl. 32641
Ronni Moore, FDEP OGC (email)
Richard Tedder, P.E., FDEP Tallahassee (email)
William Kutash, FDEP Tampa (email)
Fred Wick, FDEP, Tallahassee
Douglas Hyman, P.E., FDEP Tampa, ERP (email)
Mara Nasca, FDEP Tampa, Air (email)
Permit notebook

CERTIFICATE OF SERVICE

This undersigned duly designated deputy clerk hereby certifies that this **NOTICE OF PERMIT** and all copies were mailed before the close of business on Feb, 20, 2008 to the listed persons.
(date stamp)

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

Anna Brantley — Clerk
2/20/2008 — Date

Florida Department of Environmental Protection

Southwest District Office
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

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 on file with the Department 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 $x10^{-8}$ 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 No. 177982-012 dated 10/31/2007.
Includes modification Nos. 177982-013 and 177982-014 dated 02/20/2008.

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 Statues 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.

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, below,
Amended 02/20/2008.

2) *Operations Plan*, Appendix 3-A, including revisions described in SC#A.2.g, below,
Amended 02/20/2008.

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

4) *Groundwater Monitoring Plan*, Section 5,

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, 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.

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.

SPECIFIC CONDITIONS: PART A -Solid Waste Facility General Requirements

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

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.

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, and scrap metal only [ref. SC#A.2.a(2), §5.7]. Recycling of other materials may require a permit modification.

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 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.

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.

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 1-8 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.

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 firs, 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 15th 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 15th, April 15th, July 15th and October 15th 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 1st 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 (February 1, 2004), 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.

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-01, entitled "Proposed Site Monitoring Network, September 2007," prepared by HDR Engineering, Inc., received September 27, 2007 **(attached)**, as follow:

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

Well #	Scheduling Notes	WACS Testsite #	Aquifer	Designation	Location
MW-1	A, X	19566	Surficial	Background	See Figure-01
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):

Well #	Scheduling Notes	WACS Testsite #	Aquifer	Designation	Location
MW-3	A, X	19571	Surficial	Detection	See Figure-01
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, 7 and 8):

Well #	Scheduling Notes	WACS Testsite #	Aquifer	Designation	Location
MW-2A	G, Y	19569	Surficial	Detection	See Figure-01
MW-2B	G, Y	19570	Floridan	Detection	⇩

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

Well #	Scheduling Notes	WACS Testsite #	Aquifer	Designation	Location
MW-13	H, Y	19584	Surficial	Detection	See Figure-01
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**

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-01, entitled "Proposed Site Monitoring Network," prepared by HDR Engineering, Inc., dated September 2007, received September 27, 2007 **(attached)**, as follow:

Piezometer #	Aquifer	Designation	Location
P-2 *	Surficial	Piezometer	See Figure-01
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 **and 02/20/2008.**

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 an industry approved datum) calculated for each monitor well and piezometer.

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	Laboratory Parameters
Static water levels before purging	Total ammonia - N
Specific conductivity	Chlorides
pH	Iron
Dissolved oxygen	Mercury
Temperature	Nitrate
Turbidity	Sodium
Colors & sheens (by observation)	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	Laboratory Parameters
Static water levels before purging	Total ammonia - N
Specific conductivity	Chlorides
pH	Iron
Dissolved oxygen	Mercury
Temperature	Nitrate
Turbidity	Sodium
Colors & sheens (by observation)	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. 62-522.900(3), Monitor Well Completion Form **(attached)**.

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.

SPECIFIC CONDITIONS: PART E - Water Quality Monitoring Requirements

(Specific Condition #E.5., continued)

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 an industry approved datum. The surveyed drawing shall include the monitor well 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.

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 my 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:

Field Parameters	**Laboratory Parameters**	
Specific conductivity	Unionized ammonia	Total organic carbon (TOC)
pH	Total hardness	Fecal coliform
Dissolved oxygen	Biochemical oxygen demand (BOD_5)	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 40 CFR Part 258, **Appendix I**
	Total dissolved solids (TDS)	

SPECIFIC CONDITIONS: PART E - Water Quality Monitoring Requirements

(Specific Condition #E.8., continued)

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.

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 permittee shall submit to the Department the results of the semi-annual ground water analyses (SC#E.4.c.), **by January 15th and July 15th of each year** for the semi-annual periods July 1-December 31 and January 1-June 30, respectively. The permittee shall submit to the Department the results of any ground water initial sampling event (SC#E.4.b.), any surface water discharge event (SC#E.8.b.), and any temporary stormwater pond sampling event (SC#E.8.c.) **within 30 days of receipt of results from the laboratory.** The submittals shall include the certified laboratory report of results, chain of custody sheets and field sampling logs. The reports that transmit the results of ground water analyses shall contain the information listed in Rule 62-701.510(9)(a), F.A.C., including ground water contour maps representing conditions at the time of ground water sampling, and a summary of any ground water quality standards or minimum criteria that are exceeded. The ground water surface contour maps shall include ground water elevations measured at all the monitor wells and piezometers listed in Specific Condition #E.3. The results shall be sent to: Solid Waste Section, Department of Environmental Protection, Southwest District Office, 13051 North Telecom Parkway, Temple Terrace, FL 33637-0926.

There are two options for reporting monitoring data:

SPECIFIC CONDITIONS: PART E - Water Quality Monitoring Requirements

(Specific Condition #E.8., continued)

a. Paper Reporting. If this option is selected, all ground water, surface water discharge event and temporary stormwater pond sampling event analytical results shall be reported on Department Form 62-522.900(2), Ground Water Monitoring Report **(attached)** that is consistent with the laboratory report of results. To facilitate entry into the Department's database (Water Assurance Compliance System [WACS]), this form, or an exact replica without change of content, shall be prepared for each sampling location for each sampling event.

b. Electronic Reporting. Alternatively, all ground water, surface water discharge event and temporary stormwater pond sampling event analytical results may be submitted as an electronic data deliverable (EDD) on compact disc or flash drive media readable by Microsoft Windows. Software ("Validator") has been developed to evaluate and upload the monitoring data into the Department's database (WACS). A copy of this software can be downloaded from the Department's website at the following address: **http://www.dep.state.fl.us/labs/software/index.htm**. Electronic laboratory data must be submitted in a specific format called a tab delimited text file, with the first line of the file being the data field names (Microsoft Excel produces this file format when the "Save As" and "Text(Tab Delimited)" options are selected). Two copies of the EDD, one in tab delimited text format and one as an Adobe portable document format (PDF) must be submitted. A digitally "signed" PDF serves to maintain the integrity of the EDD. Examples of an acceptable text file and additional information are available at the web site listed above. The permittee is encouraged to download Validator and run all data sets to allow the necessary corrections to be completed prior to submittal of an EDD to the Department.

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:

Water Quality Monitoring Data Evaluation Due Date	Starting Sampling Event	Ending Sampling Event
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	Report Submitted By
Quarter 1	April 15th of each year
Quarter 2	July 15th of each year
Quarter 3	October 15th of each year
Quarter 4	January 15th 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 15th 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-01, entitled "Proposed Site Monitoring Network," prepared by HDR Engineering, Inc., dated September 2007, received September 27, 2007 **(attached)**, as follow:

Probe #	Location	Status/installation schedule
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 13 certification
GP-5	Along north boundary	Future/part of Cell 14 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-9 *	Along east boundary	Existing/to be abandoned
GP-9R	Along east boundary	Existing/currently monitored
GP-10 *	Along east boundary	Existing/to be abandoned
GP-10R	Along east boundary	Existing/currently monitored
GP-11	Near southeast corner	Existing/currently monitored
GP-12	Near southeast corner	Existing/currently monitored
GP-13	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 No. 177982-012.**

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 **and 02/20/2008.**

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 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 15th each year	Submit topographic survey & capacity calculations
D.4.a.	Annually, by March 1st 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 groundwater monitoring wells

ATTACHMENT 1, cont'd

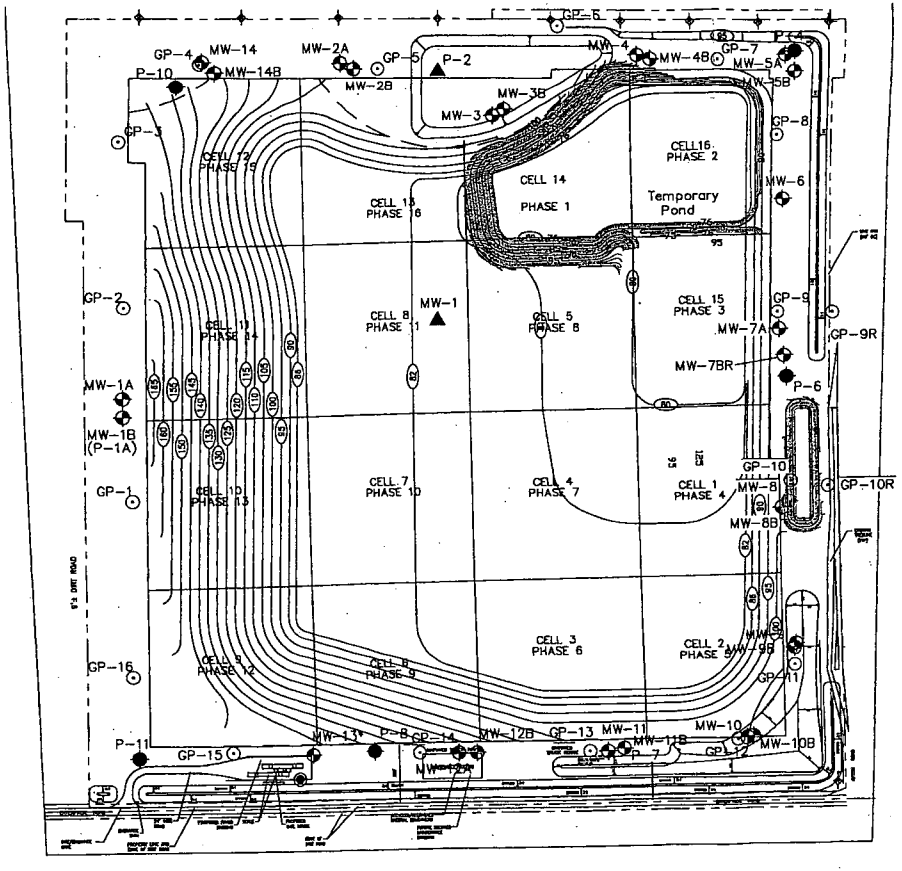
Specific Condition	Submittal Due Date	Required Item
E.5.b., E.5.d,	Within 90 days of installation of new wells	Provide construction details for wells, Submit survey
E.5.c.	Within 1 week of well development	Conduct initial sampling
E.6.	Within 30 days of abandonment	Submit documentation of abandonment
E.8.	Each discharge event	Conduct surface water sampling
E.10.	Semi-annually, by January 15th and July 15th each year	Submit groundwater quality monitoring analyses (SC#E.4.c.)
	Within 30 days from receipt of results	Submit initial groundwater sampling results (SC#E.4.b.), surface water discharge event sampling results (SC#E.8.b.), and/or temporary stormwater pond sampling results (SC#E.8.c.)
E.11.	By April 30, 2009 and by October 30, 2011	Submit water quality monitoring plan evaluations
F.2.c.	Quarterly, by January 15th,	Submit gas monitoring results
D.3.a.	April 15th, July 15th and October 15th each year	Submit waste records to Tallahassee
F.4.	Within 7 days of detection	Submit gas remediation plan
	Within 60 days of detection	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

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

N

SCALE IN FEET
200 100 0 200 400



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
SEP 27 2007
SOUTHWEST DISTRICT
TAMPA

HDR ENGINEERING, INC.
200 W. FORSYTH ST.
SUITE 900
JACKSONVILLE, FL 32202
(904) 598-5900

ISSUE	DATE	DESCRIPTION

PROJECT MANAGER	J. LOCKLEAR, P.G.
DESIGNED	
DESIGNED	
CHECKED BY	
DRAWN BY	D. SOSA
DRAWN BY	
PROJECT NUMBER	60635

ENTERPRISE ROAD
RECYCLING AND DISPOSAL FACILITY
DADE CITY, FLORIDA

PROPOSED SITE MONITORING NETWORK
SEPTEMBER 2007

0 1" 2"
IF FULL SIZE BAR LENGTH EQUALS TWO INCHES, ADJUST SCALE ACCORDINGLY.

FILENAME	FIG-01.dwg
SCALE	1"=200'

SHEET
FIG-01

DEP Form # 62-522.900(3)
Form Title MONITOR WELL COMPLETION REPORT
Effective Date _____
DEP Application No. _____
(Filled in by DEP)

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

MONITOR WELL COMPLETION REPORT

DATE: _____

INSTALLATION NAME: _____

DEP PERMIT NUMBER: _____ GMS NUMBER: _____

WELL NUMBER: _____ WELL NAME: _____

DESIGNATION: Background _____ Immediate _____ Compliance _____

LATITUDE/LONGITUDE: _____

AQUIFER MONITORED: _____

INSTALLATION METHOD: _____

INSTALLED BY: _____

TOTAL DEPTH: _____ DEPTH OF SCREEN: _____ (bls)
(bls)

SCREEN LENGTH: _____ SCREEN SLOT SIZE: _____ SCREEN TYPE: _____

CASING DIAMETER: _____ CASING TYPE: _____

LENGTH OF CASING: _____ FILTER PACK MATERIAL: _____

TOP OF CASING ELEVATION (MSL): _____

GROUND SURFACE ELEVATION (MSL): _____

COMPLETION DATE: _____

DESCRIBE WELL DEVELOPMENT: _____

_____

_____

POST DEVELOPMENT WATER LEVER ELEVATION (MSL): _____

DATE AND TIME MEASURED: _____

REMARKS: (soils information, stratigraphy, etc.) : _____

_____

_____

REPORT PREPARED BY: _____
(name, company, phone number)

NOTE: PLEASE ATTACH BORING LOG.

(bls)= Below Land Surface

DEP Form # 62-522.900(2)

Form Title Ground Water Monitoring Report

Effective Date _____

DEP Application No. _____

Florida Department of Environmental Protection

Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

(1) Facility Name _____

Address _____

City _____ Zip _____

Telephone Number ( ) _____

(2) The GMS Identification Number _____

(3) DEP Permit Number _____

(4) Authorized Representative Name _____

Address _____

City _____ Zip _____

Telephone Number ( ) _____

(5) Type of Discharge _____

(6) Method of Discharge _____

Certification

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

Date: _____ _____

Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # _____

Analytical Lab Comp QAP # /HRS Certification # _____

*Comp QAP # /HRS Certification # _____

Lab Name _____

Address _____

Phone Number ( ) _____

PART III ANALYTICAL RESULTS

Facility GMS #:_____ Sampling Date/Time: _____

Test Site ID #: _____ Report Period: _____
(year/quarter)

Well Name: _____ Well Purged (Y/N):_____

Classification of Ground Water:_____ Well Type: ( ) Background
( ) Intermediate
( ) Compliance
( ) Other

Ground Water Elevation (NGVD): _____

or (MSL):_____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	* Analysis Results/Units	Detection Limits/Units

* Attach Laboratory Reports