



**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**

CENTRAL DISTRICT
3319 MAGUIRE BOULEVARD, SUITE 232
ORLANDO, FLORIDA 32803-3767

RICK SCOTT
GOVERNOR

JENNIFER CARROLL
LT. GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

October 30, 2012

NOTICE OF PERMIT

By-Email
thawkins@wm.com

In the matter of an
Application for Permit
By:

Mr. Timothy Hawkins
Vista Landfill, LLC
242 West Keene Road
Apopka, FL 32703

OCD-SW-12-424

Orange County - SW WACS # 87081
Vista Landfill, Class III
DEP File No. SC48-0165969-019

Dear Mr. Hawkins:

Enclosed is Permit Number SC48-0165969-019 to construct Phases I and II of the Vista Class III Landfill, issued under Sections 403.061(14) and 403.707, of the Florida Statutes.

Please note, Department approval of the cell certification of construction completion, cell cost estimate, and the corresponding financial mechanism for future cells 3-8 must be in place prior to waste acceptance in a cell.

Any party to this order (permit) has the right to seek judicial review of the permit under section 120.68 of the Florida Statutes, by the filing of a Notice of Appeal under rule 9.110 of the Florida Rules of Appellate Procedure, with the Clerk of the Department of Environmental Protection, 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 notice is filed with the Clerk of the Department.

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Jeff Prather
Director, Central District

FILING AND ACKNOWLEDGMENT

FILED, October 30, 2012, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.



Clerk

October 30, 2012

Date

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT and all copies were sent before the close of business on October 30, 2012 to the listed persons.



Clerk

Enclosures

1. Permit No. SC48-0165969-019

Copies furnished to:

Richard Tedder, P.E. – DEP – Tallahassee, Richard.Tedder@dep.state.fl.us
FDEP Solid Waste Financial Coordinator, solid.waste.financial.coordinator@dep.state.fl.us
Victor Damasceno, PhD, P.E. – Geosyntec Consultants, vdamasceno@geosyntec.com
Jay Davoll – City of Apopka, jdavoll@apopka.net
Lori Cunniff – OCEPD, lori.cunniff@ocfl.net
Arnaldo Mercado, OCEPD, arnaldo.mercado@ocfl.net
Sheree Grant – WM, Inc., sgrant@wm.com
Paul Bermillo – WM, Inc., PBermill1@wm.com
Deborah Perez – WM, Inc., dperez@wm.com



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Permit Issued to:

Vista Landfill, LLC
242 West Keene Road
Apopka, Florida
(407) 553-4939

WACS Facility ID No.: 87081
Facility Name: Vista Landfill, Class III
242 West Keene Road
Apopka, Orange, County, Florida

Contact Person:
Timothy Hawkins, Vice President
thawkins@wm.com
(407) 553-4939

Solid Waste Construction Permit - Landfill
Permit No.: SC48-0165969-019

Permit Issued: 10/30/2012
Permit Renewal Application Due Date: 06/28/2017
Permit Expires: 08/28/2017

Permitting Authority
Florida Department of Environmental Protection
Central District Office
3319 Maguire Blvd., Ste 232
Orlando, Florida 32803
407-897-4100

SECTION 1 - SUMMARY INFORMATION

A. Authorization

The permittee is hereby authorized to construct the facility described below in accordance with the specific and general conditions of this permit and any documents attached to this permit or specifically referenced in this permit and made a part of this permit.

This solid waste construction permit is issued under the provisions of Chapter 403, Florida Statutes, Florida Administrative Code Chapters 62-4 and 62-701.

This permit does not relieve the permittee from complying with any other appropriate local zoning or land use ordinances or with any other laws, rules or ordinances. Receipt of any permits from the Department does not relieve the applicant from obtaining other federal, state, and local permits and/or modifications required by law, including those from other Sections within the Department or of the Water Management District.

B. Facility Location

The facility is located at 242 W. Keene Road, Apopka, Orange County, Florida in Section 28, Township 21 South, Range 28 East (Latitude 28° 38' 24.5" N and Longitude 81° 30' 41.7" W).

C. Facility Description

This landfill construction permit hereby authorizes the following construction activities:

- Construction of Phases I and II, cells 3-8, per one of the four design options outlined in the permit application and reiterated below.
- The Vista Class III Landfill consists of 12 cells total. The total disposal area is hereby reduced from 102 acres to 94 acres to accommodate a change in the stormwater management design. The final design height of the landfill remains 156 feet NGVD.

D. Appendices Made Part of This Permit

APPENDIX 1 - General Conditions

APPENDIX 2 - Approved Application Documents

E. Attachments for Informational Purposes Only

[None]

SECTION 2 - SPECIFIC CONDITIONS

A. Administrative Requirements

1. Documents Part of This Permit. The permit application **as revised in final form replaced or amended** in response to the Department's Request(s) for Additional Information are contained in the Department's files and are made a part of this permit. Those documents that make up the complete permit application are listed in APPENDIX 2.
2. Permit Modification. Any change to construction, operation, monitoring, or closure requirements of this permit may require a modification to this permit, in accordance with the provisions of Rule 62-701.320(4), F.A.C.
3. Permit Renewal. In order to ensure uninterrupted operation of this facility, a timely and sufficient permit renewal application must be submitted to the Department in accordance with Rule 62-701.320(10), F.A.C. A permit application submitted at least 61 days prior to the expiration of this permit is considered timely and sufficient.
4. Transfer of Permit or Name Change. In accordance with Rule 62-701.320(11), F.A.C., the Department must be notified by submitting Form 62-701.900(8) within 30 days: (a) of any sale or conveyance of the facility; (b) if a new or different person takes ownership or control of the facility; or (c) if the facility name or permittee's legal name is changed.
5. Air Construction Permit Requirements. The Vista Landfill, Class III has an Air Title V Operation permit. The landfill owner or operator must determine whether the construction activities at the Class III landfill authorized by this solid waste permit require any notifications or modifications of the air permit.

B. Construction Requirements

1. Construction authorized. The construction of Phases I and II (cells 3-8) is hereby authorized. The design of the bottom liner shall be one of the following options:
 - Option 1:** Geocomposite with one central leachate corridor (This design is the currently permitted liner and leachate collection system.)
 - 2-ft thick liner protective layer
 - Double-sided drainage geocomposite layer
 - 60-mil thick textured HDPE geomembrane
 - 6-inch thick compacted subbase layer
 - Option 2:** Sand Drainage Layer with one central leachate corridor
 - 1-ft thick liner protective layer
 - 8-oz separation geotextile layer
 - 1-ft thick sand drainage layer with a hydraulic conductivity $\geq 1.6 \times 10^{-2}$ cm/s
 - 60-mil thick textured HDPE geomembrane

- 6-inch thick compacted subbase layer

Option 3: Sand Drainage Layer with one central leachate corridor and two leachate collection galleries per cell

- 1-ft thick liner protective layer
- 8-oz separation geotextile layer
- 1-ft thick sand drainage layer with a hydraulic conductivity $\geq 7.5 \times 10^{-3}$ cm/s
- 60-mil thick textured HDPE geomembrane
- 6-inch thick compacted subbase layer

Option 4: Sand Drainage Layer with one central leachate corridor and four leachate collection galleries per cell (that is, two galleries on either side of the central leachate corridor)

- 1-ft thick liner protective layer
- 8-oz separation geotextile layer
- 1-ft thick sand drainage layer with a hydraulic conductivity $\geq 4.5 \times 10^{-3}$ cm/s
- 60-mil thick textured HDPE geomembrane
- 6-inch thick compacted subbase layer

2. Cell Bottom Liner System Design. Cell 3 shall be constructed per Option 1 above. For cells 4-8, prior to construction of each cell, notification shall be given to the Department stating which design option has been selected. In the event Option 3 or 4 is chosen, a minor modification shall accompany the notification which will set the width of the leachate collection galleries depicted on Drawing 17, Leachate Collection System Details, reference 3, APPENDIX 2.
3. General Construction Requirements. All construction shall be done in accordance with the approved design, drawings, CQA plan, and specifications. The Department shall be notified before any changes, other than minor deviations, to the approved design are implemented in order to determine whether a permit modification is required.
4. Bottom Elevation. The bottom elevation of cells 3-8 is depicted on Drawing 5, Base Grading Plan, reference 1 – APPENDIX 2, and is based upon a study of the seasonal high groundwater table. The ground water elevations will continue to be monitored for future phases of landfill development in an effort to refine the seasonal high ground water elevation contours and thereby potentially re-establish base grade elevations for future cells. Any change to the base grades depicted on Drawing 5, Base Grading Plan, will require a construction permit modification.
5. Leachate System Flushing. The leachate system main corridor pipeline shall be water pressure cleaned or inspected by video recording after construction and prior to disposal of waste per Rule 62-701.500(8)(h), F.A.C. If leachate galleries are utilized in the bottom liner system design, the gravel fill in the gallery will provide sufficient flow in the event of a clogged drainage pipe. Therefore, in lieu of cleaning the leachate pipeline in the gallery, a calculation of the volume of flow in the gravel filled gallery which

provides proof of sufficient flow in the event of a clogged pipe shall accompany the permit modification required in B.2 above.

6. Temporary Leachate Main. The temporary leachate main is depicted on Drawings 6, 6A and 6B, reference 3 – APPENDIX 2. The abandonment plan for the decommissioning of the temporary main as provided on Drawings 6, 6A and 6B in the Notes shall be followed.
7. Certification of Construction Completion. Upon completion of each construction event, the engineer of record shall certify to the Department in accordance with Rule 62-701.320(9)(b), F.A.C., that the permitted construction is complete and was done in substantial conformance with the approved construction plans except where minor deviations were necessary. All deviations shall be described in detail and the reasons therefore enumerated. The following documents shall be submitted along with the Certification:
 - a. The final report and record drawings showing that the liner system has been installed in substantial conformance with the plans and specifications for the liner system. The record drawings must include the results of the surveys of the liner, base grade and collection pipe slopes.
 - b. The final report showing the results of the geomembrane liner leak location survey.
 - c. Results of testing of geosynthetic and soil components of the liner system.
 - d. Proof of flushing or video recording of the leachate collection system (except in the leachate collection galleries, when applicable).
8. Construction Quality Assurance. The Construction Quality Assurance (CQA) Plan submitted with the permit application shall be followed for preparing the subgrade and installing and testing the liner system and related components. The CQA engineer or the engineer's designee shall be on-site at all times during construction of the liner system to monitor the construction activities including preparation of the subbase, placement of the liner components and leachate collection system, and placement of the drainage and protective layer over the primary liner.
9. Approval of Certification. The permittee shall not begin disposing of waste in cells 3-8 at the facility until one of the following has occurred: (1) the Department has stated in writing that it has no objection to the certification of construction completion for that cell; or (2) at least 30 days have passed since the certification was submitted and the Department has not responded in writing to the certification.

C. Operation Requirements

1. General Operating Requirements. The Permittee shall operate the landfill in accordance with Permit No. SO48-0165969-018 and any associated modifications to that permit.
2. Initial Waste Placement. The first layer of waste placed above the liner and leachate collection system shall be a minimum of four feet in compacted thickness and consist of

selected wastes containing no large rigid objects that may damage the liner or leachate collection system.

D. Water Quality Monitoring Requirements

The Water Quality Monitoring Requirements are described in Section D and in the MPIS of the Operations Permit, SO48-0165969-018.

E. Gas Management System Requirements

The Gas Management System Requirements are described in Section E of the Operations Permit, SO48-0165969-018.

F. Financial Assurance and Cost Estimates

The Financial Assurance and Cost Estimate requirements are described in Section G of the Operations Permit, SO48-0165969-018.

G. Closure Requirements

The Closure Requirements are described in Section F of the Operations Permit, SO48-0165969-018.

H. Long Term Care Requirements

[Not Applicable]

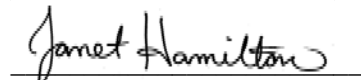
Executed in Orange County, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Jeff Prather
District Director
Central District

FILED, October 30, 2012, pursuant to Section 120.52, F.S. with the designated Department Clerk, receipt of which is hereby acknowledged.



Clerk

October 30, 2012
Date

APPENDIX 1

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.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
 - (a) Have access to and copy any records that must be kept under conditions of the permit;
 - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
 - (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.Reasonable time may depend on the nature of the concern being investigated.
8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
 - (a) A description of and cause of noncompliance; and

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

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

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
11. This permit or a copy thereof shall be kept at the work site of the permitted activity.
12. 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.
13. 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.

APPENDIX 2

Approved Application Documents

Documents Generated for this Permit Application:

1. Solid Waste Permit Application to Construct Phases I and II at the Vista Landfill, Class III Facility, dated July 10, 2012. Received and stamped July 12, 2012, DEP – Central District.
2. First Request for Additional Information from DEP – Central District dated August 7, 2012.
3. Response to First Request for Additional Information from Vista Landfill, LLC, dated August 15, 2012. Received and stamped August 16, 2012, DEP – Central District.
4. Permit Application Complete Letter from DEP – Central District dated August 23, 2012.

Referenced Historical Documents:

5. Keene Road Disposal Class III Landfill (2000 Permit Application), dated February 14, 2000.
6. Substantial Permit Modification Application for a Class III Landfill, dated July 27, 2007. Received and stamped July 30, 2007.
7. Permit Renewal Application, Vista Landfill, Class III Facility, dated February 17, 2011. Received and stamped February 18, 2011.
8. ERP Modification Application, Vista Class III Landfill Phased Redesign, dated January 2011. Received by the Central District Solid Waste section as part of item 1 above on July 10, 2012.