



**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**

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

RICK SCOTT
GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

April 08, 2013

NOTICE OF PERMIT

By-Email

mkaiser@wasteservicesinc.com

In the matter of an
Application for Permit
By:

Mr. Mike Kaiser
Omni Waste of Osceola County, LLC
1501 Omni Way
St. Cloud, FL 34773

OCD-SW-13-0648

Osceola County – SW WACS # 89544
J.E.D. Solid Waste Management Facility – Class I
DEP File No. 0199726-023-SC-MM (Incorporates -017 and -020)


Dear Mr. Kaiser:

Enclosed is Permit Number 0199726-023-SC-MM to modify the construction permit for the J.E.D. Solid Waste Management Facility Class I Landfill, issued under Sections 403.061(14) and 403.707, of the Florida Statutes.

In response to Permit Application No. 0199726-023-SC-MM submitted on December 28, 2012, Permit No. SC49-0199726-017 is modified for changes to the liner trench design. The permit has also been rewritten into the new format used by the Solid Waste Program and incorporates the modifications approved in Permit Modification No. SC49-0199726-020 (incorporation of Cells 8-10 construction into Permit SC49-0199726-017).

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.

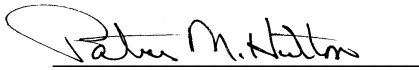


STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

F. Thomas Lubozynski, P.E.
for Jeff Prather
Director, Central District

FILING AND ACKNOWLEDGMENT

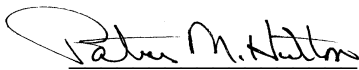
FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.


Clerk

April 08, 2013
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 March 25, 2013 to the listed persons.


Clerk

JP/kr

Enclosures

1. Permit No. 0199726-023-SC-MM

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 M. Damasceno, Ph.D., P.E. – Geosyntec Consultants, vdamasceno@geosyntec.com



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SECRETARY

Permit Issued to:

Omni Waste of Osceola County, LLC
1501 Omni Way
St. Cloud, Florida
(904) 673-0446

WACS Facility ID No.: 89544
Facility Name: J.E.D. Solid Waste Management Facility
1501 Omni Way
St. Cloud, [Osceola, County], Florida

Contact Person:
Mike Kaiser, Regional Engineer
mkaiser@wasteservicesinc.com

Solid Waste Construction Permit – Landfill
Permit Modification No.: 0199726-023-SC-MM
Replaces Permit No.: SC49-0199726-017
Incorporates Permit No.: SC49-0199726-020

Permit Issued: 04/08/2013
Permit Renewal Application Due Date: 06/17/2016
Permit Expires: 08/16/2016

Permitting Authority
Florida Department of Environmental Protection
Central District Office
3319 Maguire Blvd., Ste 232
Orlando, Florida 32803
407-897-4100
DEP_CD@dep.state.fl.us

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 approximately 6.5 miles south of Holopaw, on the west side of U.S. Highway 441, in eastern Osceola County, Florida (Latitude 28° 3' 32" and Longitude 81° 5' 46").

C. Facility Description

The facility is authorized to perform the following operations:

- To construct Cells 8-10 of the J.E.D. Solid Waste Management Facility – Class I Landfill. Construction of Cells 8-10 is made part of this construction permit by permit modification SC49-0199726-020 and is incorporated herein. The construction details for Cells 8-10 including the engineering report, permit drawings, technical specifications, and Construction Quality Assurance Plan are associated with Permit No. SC49-0199726-004 and Permit Modification No. SC49-0199726-006.
- To construct the lateral expansion area Cells 11-23 of the J.E.D. Solid Waste Management Facility – Class I Landfill.
- The lateral expansion area adds approximately 99 acres (for a total landfill acreage of approximately 363 acres) while maintaining the current permitted maximum elevation of 330 feet NGVD. This expansion involves the modification of Cells 11-21 and adds new Cells 22 and 23.
- The lateral expansion area is partially located within the 100-year flood plain. Calculations verifying the capability of the landfill storm water management system to contain the 100-year storm event were submitted to the appropriate office as part of the 2011 Conceptual ERP Modification Application.
- The complete build-out of the JED facility will include 23 landfill cells with a footprint of approximately 363 acres within a property boundary of approximately 2,179 acres. The landfill is authorized to an elevation of 330 feet NGVD.

- The design includes a double-composite liner system, which directs any liquid entering the landfill that may have contacted waste to a leachate collection system (LCS). Collected leachate is pumped from the sumps into the leachate transmission line where it is conveyed to an on-site leachate storage facility. Periodically it is either trucked to the St. Cloud wastewater treatment plant (WWTP) conveyance lines for treatment and disposal or recirculated into the open portions of the landfill via the water truck.
- The design includes an active gas management system to control odors and migration of methane.
- The facility has a Title V permit #0970079-009-AV.

D. Appendices Made Part of This Permit

APPENDIX 1 - General Conditions

APPENDIX 2 – List of Documents Incorporated into this Permit

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

- a. The permittee is required to comply with the facility's Title V air permit.
- b. The permittee is required to comply with the requirements of 40 CFR 60, Subpart WWW and CC as adopted by reference in Rule 62-204.800, F.A.C. The permittee may have to submit to the Division of Air Resource Management, Department of Environmental Protection, Mail Station 5500, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, any amended design capacity report and any Non-Methane Organic Compound (NMOC) emission rate report, as applicable, pursuant to 40 CFR 6-.757(a)(3) and (b).

B. Construction Requirements

1. Construction authorized. All construction of Cells 8-23 shall be done in accordance with the approved design, drawings, CQA plan, and specifications as presented in the documents listed in APPENDIX 2. (Cell 8 construction was completed and approved for waste on May 14, 2012.)
2. 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.
3. Liner System. The liner system consists of a double-composite liner per drawing 15 (Reference No. 1, APPENDIX 2). The liner system, from top to bottom, consists of:
 - 2 foot thick protective soil layer
 - primary geocomposite drainage layer
 - 60-mil thick primary HDPE textured geomembrane
 - secondary geocomposite drainage layer
 - 60-mil thick secondary HDPE textured geomembrane
 - geosynthetic clay liner (GCL)
 - six inch prepared subbase
 - compacted sub-grade
4. Liner Installation – Department Notification. Installation of the liner shall be performed by an experienced installer who has installed similar type materials. The permittee shall notify the Department at least 10 days prior to the commencement of liner installation work in any cell.
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.
6. Liner Edge Identification. The edge of the liner must be clearly and permanently outlined by permanent monuments or markers, so that solid waste is deposited at least 10 feet inside the edge of the liner. The location of monuments or markers shall be established by a Professional Surveyor and Mapper, licensed in Florida. The monuments or markers shall be of sufficient number to clearly define the liner edge, and shall be visible and easily identifiable to operation personnel and regulatory inspectors.

7. 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.
8. Certification of Construction Completion. Upon completion of construction, 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.
9. Approval of Certification. The Certification report is approved if one of the following has occurred: (1) the Department has stated in writing that it has no objection to the certification of construction completion; or (2) at least 30 days have passed since the certification was submitted and the Department has not responded in writing to the certification.
10. Wetland Mitigation. The lateral expansion will impact wetlands. Prior to any construction or impacts authorized by this permit, the permittee shall provide the Department with documentation that the credits have been deducted from the credit ledger of the approved mitigation bank. As of March 11, 2013, wetland mitigation has been completed and documentation that the credits have been deducted has been accepted by the Department (reference 13, APPENDIX 2).
11. Construction of New Leachate Storage Ponds. The existing leachate storage ponds shall be decommissioned and reconstructed per the approved drawings. Use of the new leachate storage ponds shall not begin until applicable items in B.8. (above) for the new ponds is satisfied.

C. Operation Requirements

1. General Operating Requirements. The permittee shall operate the landfill in accordance with Operation Permit SO49-0199726-022 and any associated modifications to that permit.
2. Disposal of Waste in Cells 9-10: Before solid waste may be disposed in any portion of Cells 9 or 10, the permittee must satisfy the following. The actions do not have to be accomplished sequentially.
 - a. The Certification of Construction Completion has been submitted for the completed cells. (Specific Condition 2.B.8)
 - b. The Department has approved the Certification of Construction Completion for the particular cell(s). Specific Condition 2.B.9)
 - c. The permittee must submit the following:
 - i. An updated closure and long-term care cost estimate. (Specific Condition 2.F.2)
 - ii. Proof of financial assurance that meets the requirements of Rule 62-701.630, F.A.C. (Specific Condition 2.F.1)
 - d. By letter, the Department has specifically authorized waste to be placed in the cell. The Department's letter will be based on accomplishment of Specific Conditions 2.C.2.a through d and the Department's approval of the financial assurance submittals.
3. Disposal of Waste in Cells 11-23: Before solid waste may be disposed in any portion of Cells 11 through 23, the permittee must satisfy the following. The actions do not have to be accomplished sequentially.
 - a. The Certification of Construction Completion has been submitted for the completed cells. (Specific Condition 2.B.8)
 - b. The Department has approved the Certification of Construction Completion for the particular cell(s). Specific Condition 2.B.9)
 - c. The permittee must apply for an intermediate permit modification of the operations permit requesting authorization for disposal in the cell(s). The modification must include:
 - i. A proposed update to the water quality monitoring plan (MPIS). The proposal must include the proposed locations for new water quality sampling locations. All monitoring locations shall be clearly labeled on a facility map, identifying each monitoring well in the cluster.
 - ii. An updated closure and long-term care cost estimate. (Specific Condition 2.F.2)
 - iii. Proof of financial assurance that meets the requirements of Rule 62-701.630, F.A.C. (Specific Condition 2.F.1)
 - d. The issuance of the intermediate modification allowing for disposal operations in the cell(s). This modification will include a revised water quality monitoring plan implementation schedule (MPIS) specifying the new sampling locations and schedule. The MPIS will require the locations to be sampled prior to placement of waste in the new cell(s).
 - e. Initial water sampling for the new sampling locations. (The report about the sampling event does not have to be submitted prior to waste being placed in the new cell(s). It must be submitted within 60 days of receipt of the laboratory results. The results must be submitted in ADaPT format. [Rule 62-701.510(6)(b), F.A.C.]. The report

must have` the Well Completion Report Forms, including the information required by Rule 62-701.510(3)(d), F.A.C.)

[This specific condition based on Specific Condition #27 of Permit SC49-0199726-017)

D. Water Quality Monitoring Requirements

The Water Quality Monitoring Requirements are described in the Operation Permit.

E. Gas Management System Requirements

The Gas Management System Requirements are described in the Operation Permit.

F. Financial Assurance and Cost Estimates

1. Financial Assurance Mechanism. The permittee may not receive waste for disposal or storage in any disposal unit for which financial assurance has not been approved. Proof that the financial mechanisms are established and funded in accordance with Rule 62-701.630, F.A.C. shall be submitted to the Department at least sixty (60) days prior to the planned acceptance of solid waste in any disposal unit. When established, the permittee shall maintain, in good standing, the financial assurance mechanisms. Supporting documentation and evidence of increases associated with cost estimate increases shall be submitted within the time frames specified in Rule 62-701.630, F.A.C.

All submittals in response to this specific condition shall be sent to:

Florida Department of Environmental Protection
Financial Coordinator - Solid Waste Section
2600 Blair Stone Road, MS 4565
Tallahassee, Florida 32399-2400
solid.waste.financial.coordinator@dep.state.fl.us

2. Cost Estimates.
 - a. The permittee shall submit closure cost estimates, including annual adjustments for inflation, in accordance with the requirements of Rule 62-701.630(3) and (4), F.A.C., and 40 CFR Part 264.142(a) and .144(a) using Form 62-701.900(28).
 - b. An owner or operator using an escrow account shall submit the annual inflation adjusted estimate(s) between July 1 and September 1. An owner or operator using a letter of credit, guarantee bond, performance bond, financial test, corporate guarantee, trust fund or insurance shall submit the inflation adjusted cost estimate(s) between January 1 and March 1.
 - c. A cost estimate covering disposal units not previously covered by financial assurance mechanisms must be submitted prior to submitting financial assurance for such disposal units.
 - d. All submittals in response to this specific condition shall be sent to the Central District Office (DEP_CD@dep.state.fl.us) and a copy to the address identified in Specific Condition F.1. or to the following email address:
Solid.Waste.Financial.Coordinator@dep.state.fl.us.

G. Closure Requirements
[Not Applicable]

H. Long Term Care Requirements
[Not Applicable]

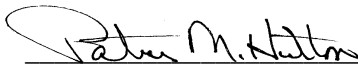
Executed in Orange County, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



F. Thomas Lubozynski, P.E.
for Jeff Prather
Director, Central District

FILED, on this date, pursuant to Section 120.52, F.S. with the designated Department Clerk, receipt of which is hereby acknowledged.



Clerk

April 08, 2013

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

List of Documents Incorporated into this Permit

List of Documents Associated with Permit SC49-0199726-017:

1. Landfill Lateral Expansion – Application for a Major Permit Modification, JED Solid Waste Management Facility, volumes 1 and 2, dated February 17, 2011. Received and stamped February 18, 2011, DEP – Central District.
2. First Request for Additional Information from DEP – Central District dated March 18, 2011.
3. Response to FDEP First Request for Additional Information, J.E.D. Solid Waste Management Facility, dated April 14, 2011. Received and stamped April 15, 2011, DEP – Central District.
4. Second Request for Additional Information from DEP – Central District dated May 6, 2011.
5. Response to FDEP Second Request for Additional Information, J.E.D. Solid Waste Management Facility, dated May 18, 2011. Received and stamped May 19, 2011, DEP – Central District.
6. Correction to Response to Second Request for Additional Information, J.E.D. Solid Waste Management Facility, dated June 6, 2011. Received June 6, 2011, DEP – Central District.
7. Permit Application Completion Letter from DEP – Central District dated June 15, 2011.
8. Major Modification Application, Vertical Expansion of the JED Facility, Omni Waste of Osceola County, LLC, dated September 17, 2007. Received and stamped September 18, 2007.

List of Documents Associated with Permit Modification SC49-0199726-020:

9. Minor Modification Permit Application, FDEP Permit No. SC49-0199726-017, J.E.D. Solid Waste Management Facility, dated August 16, 2011. Received and stamped August 17, 2011.
10. Permit Application Completion Letter from DEP – Central District dated September 13, 2011.

List of Documents Associated with Permit Modification 0199726-023-SC-MM:

11. Minor Modification Permit Application, Liner System Termination Modification, J.E.D. Solid Waste Management Facility, dated December 27, 2012. Received and stamped December 28, 2012.
12. Permit Application Completion Letter from DEP – Central District dated January 23, 2013.
13. Email documentation of mitigation credit transfer received March 11, 2013.