



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

September 22, 2011

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-11-308

Osceola County - SW WACS # 89544
J.E.D. Solid Waste Management Facility
Class I Landfill
DEP File No. SC49-0199726-017

Dear Mr. Kaiser:

Enclosed is Permit Number SC49-0199726-017 to construct the lateral expansion (363 total landfill acres) of the J.E.D. Solid Waste Management Facility, Class I Landfill, issued under Sections 403.061(14) and 403.707, of the Florida Statutes.

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.

ENCLOSURE

Craig Browne, P.E. – Geosyntec Consultants, cbrowne@geosyntec.com



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Permit Issued to:
Omni Waste of Osceola County, LLC
Located at: 1501 Omni Way
St. Cloud, Florida, Osceola County
Telephone No. (904) 673-0446
Facility ID No.: WACS ID # 89544

Authorized Representative: Mr. Mike Kaiser
Title: Regional Engineer
1501 Omni Way
St. Cloud, Florida 34773

**Solid Waste Construction Permit - J.E.D. Solid Waste Management Facility
Class I Landfill
Permit No. SC49-0199726-017**

Permit Issued:
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 Boulevard, Suite 232
Orlando, FL 32803
Telephone No. (407) 897-4304

PERMITTEE:
Omni Waste of Osceola County, LLC

Attention: Mr. Mike Kaiser

WACS Facility: 89544
Permit/Certification Number:
SC49-0199726-017
Expiration Date: 08/16/2016

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 62-4 and 62-701. The above named permittee is hereby authorized to construct the lateral expansion area shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

- To construct the lateral expansion area Cells 11 – 21 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 will impact wetlands which shall be mitigated prior to any construction or impacts authorized by this permit.
- 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 anticipated life of the complete facility is approximately 23 years.
- 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 air permit #0970079-003-AV.

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.

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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, 403.727, or 403.859 through 403.861, Florida Statutes (F.S.) 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 personal 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, as required by Department rules. This provision includes the operation of backup and 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 this permit;

PERMITTEE:
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GENERAL CONDITIONS:

- (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.
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 Section 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 is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, Florida Administrative Code (F.A.C.), 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. 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 information) required by the permit, copies of all reports required by this permit, and records of all data used

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GENERAL CONDITIONS:

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.

14. 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.

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SPECIFIC CONDITIONS:

1. Plans and Specifications: Drawings, plans, documents and specifications submitted by the permittee, not attached hereto, but on file at the Central District office, are made a part of this permit. The documents are listed in Appendix A.
2. Document Requirements: A copy of the permit, with a complete copy of the permit application and engineering drawings, shall be kept on file at the landfill for inspection and review upon request.
3. Other Permits: This permit does not relieve the permittee from complying with any other appropriate stormwater, Environmental Resource Permitting, Air permitting (e.g. Title V/NSPS) or other permit requirements.
4. Site Access: Access to the site shall be restricted by an effective barrier designed to prevent unauthorized entry and dumping, Rule 62-701.500(5), F.A.C.
5. Stormwater Management: All stormwater runoff from the site shall be collected and treated to meet the requirements of Chapters 373 Florida Statutes (F.S.) and Rule 62-701.500(10), F.A.C. prior to discharge off-site. The stormwater management system shall prevent stormwater flow into waste filled areas.
6. Stormwater Management System Maintenance: The stormwater management system shall be maintained and visually inspected regularly, and shall be cleaned and maintained as necessary to allow for treatment and conveyance of stormwater according to the permitted engineering design.
7. Construction Quality Assurance: The approved Construction Quality Assurance (CQA) Plan shall be followed for installing and testing the liner system and related components (Reference No. 8 - Appendix A). The CQA engineer or the engineer's designee shall be on-site at all times during construction of the liner systems to monitor the construction activities including the preparation of the subgrade, placement of the GCL, primary and secondary geomembrane liners, primary and secondary drainage layers and the placement of the liner protective layer over the primary liner to ensure the underlying geosynthetics are not damaged during construction.
8. Liner Installation-Summary Report: A professional engineer, licensed in Florida, shall supervise and evaluate the liner installation quality assurance/quality control program to ensure that the liner meets design specifications. Upon completion, the engineer shall submit a summary report to the Department, documenting complete conformity to the approved plans and specifications. This summary report shall include a documented control program of the liner installation, liner inspections, and the quality assurance/quality control testing procedures and laboratory analyses. This report shall be included with the certification required in Specific Condition 24 of this permit.

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9. Subgrade Preparation: Prior to the liner installation, the subgrade shall be prepared to provide a firm, unyielding foundation. If necessary, the base shall be brought up to grade by placement and compaction of fill material. The fill material and subgrade shall not contain rocks, roots, debris, shells, or other materials that could penetrate the liner material.
10. Liner System: The liner system consists of a double-composite liner per drawing 15 (Reference No. 1 - Appendix A). 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, and compacted sub-grade.
11. 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.
12. GCL Installation Limitation: The number of geosynthetic clay liner (GCL) panels that may be deployed in any one day shall be limited to the number that can be placed in a dry condition and covered by the HDPE while still dry. No installation or seaming of GCL under wet conditions shall be allowed. The CQA plan requires the owner's inspector to inspect the subbase each day prior to placing the GCL.
13. Geomembrane Testing: Non-destructive air pressure tests and/or vacuum test shall be conducted by the installer, under the direction of the CQA engineer or his designee, to test 100 percent of the field seams of the geomembrane. Destructive tests of the geomembrane field seams shall be in accordance with the approved CQA plan and at a frequency of no less than one destructive test sample every 500 linear feet of field seam.
14. Construction Permit Renewal: The construction shall reasonably conform to the plans and supporting documents submitted as part of the application. If construction cannot be completed before the expiration of this permit, the permittee must notify the Department, in writing, at least 60 days prior to the expiration of the construction permit and request a renewal of the construction permit.
15. Construction Sequencing Plans: The construction sequencing plans are depicted on drawing 26A (Reference No. 1 - Appendix A).
16. 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

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of sufficient number to clearly define the liner edge, and shall be visible and easily identifiable to operation personnel and regulatory inspectors.

17. Leachate Collection and Removal System: The primary leachate collection and removal system lying above the upper geomembrane shall be designed to limit the leachate head to one foot above the liner during routine landfill operations after placement of initial cover, except in sumps and leachate collection trenches, Rule 62-701.400(3)(c)1, F.A.C.
18. Secondary Leachate Collection System: The secondary leachate collection system must have a minimum hydraulic conductivity of 10 cm/sec and shall be designed to not allow the leachate head on the secondary geomembrane liner to exceed the thickness of the drainage layer, Rule 62-701.400(3)(c)2, F.A.C.
19. Permit Deviations: The Department shall be notified and approval shall be obtained prior to executing any substantial changes or revisions to the construction authorized by this permit.
20. Final Elevation: The final permitted elevation is 330 feet NGVD (corresponding to a maximum waste thickness of approximately 240 feet) as indicated in drawings 33 and 34 (Reference No. 1 - Appendix A).
21. Side Slopes: Side Slopes will be 3H:1V with 15 foot wide side slope benches every 40 feet vertically per drawings 33 and 34 (Reference No. 1 - Appendix A).
22. Base Grade Configuration: The base grade configuration will be a conventional "herringbone" pattern per drawings 9A and 9B (Reference No. 1 - Appendix A).
23. Technical Specifications: The landfill shall comply with the approved technical specifications. (Reference No. 8- Appendix A).
24. Certificate of Construction Completion: Within 60 days after all significant initial construction has been completed in each cell, and prior to acceptance of any solid waste in that cell, the Engineer of Record shall submit a Certification of Construction Completion, DEP Form 62-701.900(2), signed and sealed by a professional engineer, licensed in Florida, independent of the contractor, to the Department. All substantial deviations, if any, from the approved design shall be noted, Rule 62-701.320(9)(b), F.A.C. The Engineer of Record shall then contact the Department to arrange for Department representatives to inspect the facility with the permittee, the engineer, and the proposed on-site facility operator. The certification must be done for each cell individually.
25. Permit Deviations: The Department shall be notified and approval shall be obtained prior to executing any substantial changes or revisions to the construction authorized by this permit.

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SPECIFIC CONDITIONS:

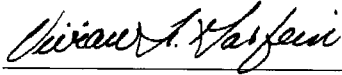
26. Wetland Mitigation: The lateral expansion will impact wetlands. Prior to any construction or impacts authorized by this permit, the permittee shall provide the Department with documentation that the credits have been deducted from the credit ledger of the approved mitigation bank.
27. Disposal of 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. Specific conditions 8 and 24 have been satisfied.
 - b. The Department has approved the Certificate of Construction Completion for the particular cell(s).
 - c. The leachate collection system is in place and functional.
 - d. 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.
 - iii. Proof of financial assurance that meets the requirements of Rule 62-701.630, F.A.C.
 - e. The issuance of the intermediate modification allowing for disposal operations in the cell(s). This modification will include an 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).
 - f. 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.)

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STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Vivian F. Garfein
Director, Central District

FILING AND ACKNOWLEDGMENT

FILED, September 22, 2011, pursuant to Section 120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.



Clerk

September 22, 2011
Date

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of business on September 22, 2011 to the listed persons.



Clerk

Appendix A

List of Documents Incorporated into Permit

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.

RED YELLOW GREEN NO PERMIT REQ

HISTORY SHEET

SITE/WAFR/AIR#: 49-0199726-017 **TYPE:** SC **SUBTYPE:** 01

SITE/WAFR/AID
NAME: _____

Oak Hammock Disposal Yac

**PROJECT
NAME:**

[illegible]

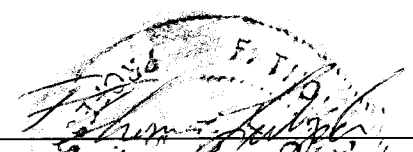
CERTIFICATION

J.E.D. Solid Waste Management Facility – Class I Lateral Expansion

Permit Application No. SC49-0199726-017

I HEREBY CERTIFY that the engineering features described in the referenced application for a construction permit for a landfill lateral expansion, provide reasonable assurance of compliance with the applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Title 62. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical and structural features).

This review was conducted by Kimberly Rush working under my direct supervision.


F. Thomas Lubozynski, P.E.
Florida P.E. Number: 53935

Seal

Date: _____

Orlando Sentinel

Waste Services Inc.
1099 MILLER DR.

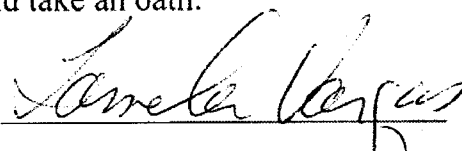
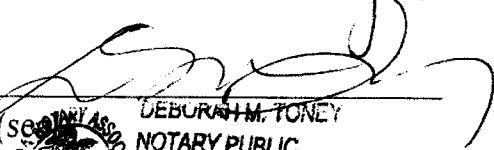
ALTAMONTE SPRINGS, FL 32701

Before the undersigned authority personally appeared Jennifer Irwin/Tamela Vargas/Deborah M. Toney, who on oath says that s/he is the Legal Advertising Representative of Orlando Sentinel, a daily newspaper published in Osceola County, Florida; that the attached copy of advertisement, being a Legal Notices in the matter of File Number SC49-0199726-017 in the Osceola County , was published in said newspaper in the issue(s); of

08/23/11

Affiant further says that the said Orlando Sentinel is a newspaper published in said Osceola County, Florida, and that the said newspaper has heretofore been continuously published in said Osceola County, Florida, each week day and has been entered as second-class mail matter at the post office in said Osceola County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that s/he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

The foregoing instrument was acknowledged before me this 23 day of August, 2011, Jennifer Irwin/Tamela Vargas/Deborah M. Toney, who is personally known to me and who did take an oath.



DEBORAH M. TONEY
NOTARY PUBLIC
STATE OF FLORIDA
Comm# DD938521
Expires 11/18/2013

1148630

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION NOTICE OF PROPOSED AGENCY ACTION

The Department of Environmental Protection gives Notice of its intent to issue an operation permit renewal to Omni Waste of Osceola County, LLC / Mike Kaiser, 1501 Omni Way, St. Cloud, Florida 34773 to construct the lateral expansion (to 363 total landfill acres) of the J.E.D. Solid Waste Management Facility, Class I Landfill, in Osceola County, FL.

The facility is located at 1501 Omni Way, St. Cloud, in Section 11, 13, 14, 17 & 18, Township 28 South, Range 32 & 33 East, in Osceola County, Florida. The Department has assigned File Number SC49-0199726-017 to the project and considered the effects of this landfill on groundwater.

The Department's file on this matter is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays at the Department of Environmental Protection, Central District office, 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803, Telephone 407/897-4304.

To view Documents in the Department's electronic filing system called Oculis:

Go to website:
<http://dwmedms.dep.state.fl.us/Oculis/servlet/login>
Log in using the PUBLIC OCULUS LOGIN Button
Under Catalog - Highlight Solid Waste
Under Search by - Make Sure Profile is selected
Under Profile- Highlight Permitting Authorization
For Facility-Site ID - Enter 89544
For Document Date- Select the "Greater Than" Symbol (>) and enter 02-16-2011
Click on the Search Button

A person whose substantial interests are affected by the proposed agency action may petition for an administrative determination (hearing) under sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Department's Office of General Counsel, Marjory Stoneman Douglas Building, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within 14 days of publication of this notice or receipt of the written notice, whichever occurs first. 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 of the Florida Statutes, 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 of the Florida Administrative Code.

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

- 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;
- A statement of how and when each petitioner received notice of the Department's action or proposed action;
- A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- A statement of all material facts disputed by petitioner or a statement that there are no disputed facts; (e) A statement of facts which the petitioner contends warrant reversal or modification of the Department's action or proposed action;
- A statement of which rules or statutes the petitioner contends require reversal or modification of the Department's action or proposed action; and
- 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 of the Florida Administrative Code.

Because the administrative hearing process is designed to



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Secretary

August 17, 2011

By E-Mail

mkaiser@wasteservicesinc.com

In the Matter of an
Application for Permit by:
Omni Waste of Osceola County, LLC
1501 Omni Way
St. Cloud, FL 34773

WACS # 89544
OCD-SW-11-263
Osceola County - SW
J.E.D. Solid Waste Management Facility - Class I

Attention: Mr. Kaiser

DEP File No. SC49-0199726-017

This is the Department's Intent to Issue Permit No. SC49-0199726-017. Enclosed are the "Notice of Proposed Agency Action" and Draft Permit for the project and file number noted above. Please contact the Central District's Solid Waste Program at 407-897-4304 if you have questions or need further information.

INTENT TO ISSUE

The Department of Environmental Protection gives notice of its intent to issue a permit (copy of conditions attached) for the proposed project as detailed in the application specified above, for the reasons stated below.

The applicant, Omni Waste of Osceola County, LLC / Mike Kaiser, applied on February 18, 2011 to the Department of Environmental Protection, for a construction permit to construct the lateral expansion (to 363 total landfill acres) of the J.E.D. Solid Waste Management Facility, Class I Landfill, in Osceola County, Florida.

The Department has permitting jurisdiction under Section 403.707(1), F.S. and Chapters 62-4, and 62-701, F.A.C. The project is not exempt from permitting procedures. The Department has determined that an operation permit is required for the proposed work.

Pursuant to Section 403.815, F.S., you are required to publish at your own expense the enclosed Notice of Proposed Agency Action. The notice shall be published one time only within 30 days in the legal ad section of a newspaper of general circulation in the area affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the Department at the address or telephone number listed

below. You must provide proof of publication to the Department at the address listed below as soon as practical after publication. Department of Environmental Protection, 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803, telephone 407/897-4304.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by 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.

Mediation is not available in this proceeding.

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 Orlando, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



FOR: Vivian F. Garfein
Director, Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803
407/897-4100

J.E.D. Solid Waste Management Facility
Page 4 of 5
August 17, 2011

FILING AND ACKNOWLEDGMENT

FILED, August 17, 2011, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.

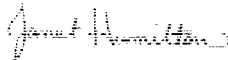


Clerk

August 17, 2011
Date

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this INTENT TO ISSUE and all copies were sent before the close of business on August 17, 2011 to the listed persons.



Clerk

VFG/ftl/kr

J.E.D. Solid Waste Management Facility

Page 5 of 5

August 17, 2011

Enclosures

1. Wording for "Notice of Proposed Agency Action"
2. Draft Permit No. SC49-0199726-017
3. Draft Appendix A - List of Documents Incorporated into Permit
4. Draft Exhibit I - Monitoring Plan Implementation Schedule (MPIS)

Copies furnished to:

Richard Tedder, P.E. - DEP - Tallahassee, Richard.Tedder@dep.state.fl.us

Fred Wick - DEP - Tallahassee, Fred.Wick@dep.state.fl.us

Frank Hornbrook, DEP, frank.hornbrook@dep.state.fl.us

Craig Browne, P.E. - Geosyntec Consultants, cbrowne@geosyntec.com

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF PROPOSED AGENCY ACTION

The Department of Environmental Protection gives Notice of its intent to issue an operation permit renewal to Omni Waste of Osceola County, LLC / Mike Kaiser, 1501 Omni Way, St. Cloud, Florida 34773 to construct the lateral expansion (to 363 total landfill acres) of the J.E.D. Solid Waste Management Facility, Class I Landfill, in Osceola County, FL. The facility is located at 1501 Omni Way, St. Cloud, in Section 11, 13, 14, 17 & 18, Township 28 South, Range 32 & 33 East, in Osceola County, Florida.

The Department has assigned File Number SC49-0199726-017 to the project and considered the effects of this landfill on groundwater.

The Department's file on this matter is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department of Environmental Protection, Central District office, 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803, Telephone 407/897-4304.

To view Documents in the Department's electronic filing system called Oculus:

Go to website: <http://dwmedms.dep.state.fl.us/Oculus/servlet/login>

Log in using the PUBLIC OCULUS LOGIN Button

Under Catalog - Highlight Solid Waste

Under Search by - Make Sure Profile is selected

Under Profile- Highlight Permitting_Authorization

For Facility-Site ID - Enter 89544

For Document Date - Select the "Greater Than" Symbol (>) and enter 02-16-2011

Click on the Search Button

A person whose substantial interests are affected by the above proposed agency action may petition for an administrative determination (hearing) under sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Department's Office of General Counsel, Marjory Stoneman Douglas Building, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within 14 days of publication of this notice or receipt of the written notice, whichever occurs first. 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 of the Florida Statutes, 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 of the Florida Administrative Code.

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 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 facts which the petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which 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 of the Florida Administrative Code.

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 as an alternative to filing a petition for an administrative determination.



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

August 17, 2011

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-11-263

Osceola County - SW WACS # 89544
J.E.D. Solid Waste Management Facility
Class I Landfill
DEP File No. SC49-0199726-017

Dear Mr. Kaiser:

Enclosed are Permit Number SC49-0199726-017 to construct the lateral expansion (363 total landfill acres) of the J.E.D. Solid Waste Management Facility, Class I Landfill, issued under Sections 403.061(14) and 403.707, of the Florida Statutes.

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

Vivian F. Garfein
Director, Central District
3319 Maguire Boulevard, Suite 232
Orlando, FL 32803
407/897-4100

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

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 _____, 2011 to the listed
persons.

Clerk

VFG/ftl/kr

Enclosure

1. Permit No. SC49-0199726-017

Copies furnished to:

Richard Tedder, P.E. - DEP - Tallahassee, Richard.Tedder@dep.state.fl.us

Fred Wick - DEP - Tallahassee, Fred.Wick@dep.state.fl.us

Frank Hornbrook, DEP, frank.hornbrook@dep.state.fl.us

Craig Browne, P.E. - Geosyntec Consultants, cbrowne@geosyntec.com



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

Permit Issued to:
Omni Waste of Osceola County, LLC
Located at: 1501 Omni Way
St. Cloud, Florida, Osceola County
Telephone No. (904) 673-0446
Facility ID No.: WACS ID # 89544

Authorized Representative: Mr. Mike Kaiser
Title: Regional Engineer
1501 Omni Way
St. Cloud, Florida 34773

Solid Waste Construction Permit - J.E.D. Solid Waste Management Facility
Class I Landfill
Permit No. SC49-0199726-017

Permit Issued:
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 Boulevard, Suite 232
Orlando, FL 32803
Telephone No. (407) 897-4304

PERMITTEE:
Omni Waste of Osceola County, LLC

Attention: Mr. Mike Kaiser

WACS Facility: 89544
Permit/Certification Number:
SC49-0199726-017
Expiration Date: 08/16/2016

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 62-4 and 62-701. The above named permittee is hereby authorized to construct the lateral expansion area shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

- To construct the lateral expansion area Cells 11 – 21 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 will impact wetlands which shall be mitigated prior to any construction or impacts authorized by this permit.
- 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 anticipated life of the complete facility is approximately 23 years.
- 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 air permit #0970079-003-AV.

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.

PERMITTEE:
Omni Waste of Osceola County, LLC

Attention: Mr. Mike Kaiser

WACS Facility: 89544
Permit/Certification Number:
SC49-0199726-017
Expiration Date: 08/16/2016

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, 403.727, or 403.859 through 403.861, Florida Statutes (F.S.) 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 personal 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, as required by Department rules. This provision includes the operation of backup and 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 this permit;

PERMITTEE:
Omni Waste of Osceola County, LLC

Attention: Mr. Mike Kaiser

WACS Facility: 89544
Permit/Certification Number:
SC49-0199726-017
Expiration Date: 08/16/2016

GENERAL CONDITIONS:

- (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.
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 Section 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 is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, Florida Administrative Code (F.A.C.), 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. 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 information) required by the permit, copies of all reports required by this permit, and records of all data used

PERMITTEE:
Omni Waste of Osceola County, LLC

Attention: Mr. Mike Kaiser

WACS Facility: 89544
Permit/Certification Number:
SC49-0199726-017
Expiration Date: 08/16/2016

GENERAL CONDITIONS:

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.

14. 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.

PERMITTEE:
Omni Waste of Osceola County, LLC

Attention: Mr. Mike Kaiser

WACS Facility: 89544
Permit/Certification Number:
SC49-0199726-017
Expiration Date: 08/16/2016

SPECIFIC CONDITIONS:

1. Plans and Specifications: Drawings, plans, documents and specifications submitted by the permittee, not attached hereto, but on file at the Central District office, are made a part of this permit. The documents are listed in Appendix A.
2. Document Requirements: A copy of the permit, with a complete copy of the permit application and engineering drawings, shall be kept on file at the landfill for inspection and review upon request.
3. Other Permits: This permit does not relieve the permittee from complying with any other appropriate stormwater, Environmental Resource Permitting, Air permitting (e.g. Title V/NSPS) or other permit requirements.
4. Site Access: Access to the site shall be restricted by an effective barrier designed to prevent unauthorized entry and dumping, Rule 62-701.500(5), F.A.C.
5. Stormwater Management: All stormwater runoff from the site shall be collected and treated to meet the requirements of Chapters 373 Florida Statutes (F.S.) and Rule 62-701.500(10), F.A.C. prior to discharge off-site. The stormwater management system shall prevent stormwater flow into waste filled areas.
6. Stormwater Management System Maintenance: The stormwater management system shall be maintained and visually inspected regularly, and shall be cleaned and maintained as necessary to allow for treatment and conveyance of stormwater according to the permitted engineering design.
7. Construction Quality Assurance: The approved Construction Quality Assurance (CQA) Plan shall be followed for installing and testing the liner system and related components (Reference No. 8 - Appendix A). The CQA engineer or the engineer's designee shall be on-site at all times during construction of the liner systems to monitor the construction activities including the preparation of the subgrade, placement of the GCL, primary and secondary geomembrane liners, primary and secondary drainage layers and the placement of the liner protective layer over the primary liner to ensure the underlying geosynthetics are not damaged during construction.
8. Liner Installation-Summary Report: A professional engineer, licensed in Florida, shall supervise and evaluate the liner installation quality assurance/quality control program to ensure that the liner meets design specifications. Upon completion, the engineer shall submit a summary report to the Department, documenting complete conformity to the approved plans and specifications. This summary report shall include a documented control program of the liner installation, liner inspections, and the quality assurance/quality control testing procedures and laboratory analyses. This report shall be included with the certification required in Specific Condition 24 of this permit.

PERMITTEE:
Omni Waste of Osceola County, LLC

Attention: Mr. Mike Kaiser

WACS Facility: 89544
Permit/Certification Number:
SC49-0199726-017
Expiration Date: 08/16/2016

SPECIFIC CONDITIONS:

9. Subgrade Preparation: Prior to the liner installation, the subgrade shall be prepared to provide a firm, unyielding foundation. If necessary, the base shall be brought up to grade by placement and compaction of fill material. The fill material and subgrade shall not contain rocks, roots, debris, shells, or other materials that could penetrate the liner material.
10. Liner System: The liner system consists of a double-composite liner per drawing 15 (Reference No. 1 - Appendix A). 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, and compacted sub-grade.
11. 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.
12. GCL Installation Limitation: The number of geosynthetic clay liner (GCL) panels that may be deployed in any one day shall be limited to the number that can be placed in a dry condition and covered by the HDPE while still dry. No installation or seaming of GCL under wet conditions shall be allowed. The CQA plan requires the owner's inspector to inspect the subbase each day prior to placing the GCL.
13. Geomembrane Testing: Non-destructive air pressure tests and/or vacuum test shall be conducted by the installer, under the direction of the CQA engineer or his designee, to test 100 percent of the field seams of the geomembrane. Destructive tests of the geomembrane field seams shall be in accordance with the approved CQA plan and at a frequency of no less than one destructive test sample every 500 linear feet of field seam.
14. Construction Permit Renewal: The construction shall reasonably conform to the plans and supporting documents submitted as part of the application. If construction cannot be completed before the expiration of this permit, the permittee must notify the Department, in writing, at least 60 days prior to the expiration of the construction permit and request a renewal of the construction permit.
15. Construction Sequencing Plans: The construction sequencing plans are depicted on drawing 26A (Reference No. 1 - Appendix A).
16. 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

PERMITTEE:
Omni Waste of Osceola County, LLC

Attention: Mr. Mike Kaiser

WACS Facility: 89544
Permit/Certification Number:
SC49-0199726-017
Expiration Date: 08/16/2016

SPECIFIC CONDITIONS:

of sufficient number to clearly define the liner edge, and shall be visible and easily identifiable to operation personnel and regulatory inspectors.

17. Leachate Collection and Removal System: The primary leachate collection and removal system lying above the upper geomembrane shall be designed to limit the leachate head to one foot above the liner during routine landfill operations after placement of initial cover, except in sumps and leachate collection trenches, Rule 62-701.400(3)(c)1, F.A.C.
18. Secondary Leachate Collection System: The secondary leachate collection system must have a minimum hydraulic conductivity of 10 cm/sec and shall be designed to not allow the leachate head on the secondary geomembrane liner to exceed the thickness of the drainage layer, Rule 62-701.400(3)(c)2, F.A.C.
19. Permit Deviations: The Department shall be notified and approval shall be obtained prior to executing any substantial changes or revisions to the construction authorized by this permit.
20. Final Elevation: The final permitted elevation is 330 feet NGVD (corresponding to a maximum waste thickness of approximately 240 feet) as indicated in drawings 33 and 34 (Reference No. 1 - Appendix A).
21. Side Slopes: Side Slopes will be 3H:1V with 15 foot wide side slope benches every 40 feet vertically per drawings 33 and 34 (Reference No. 1 - Appendix A).
22. Base Grade Configuration: The base grade configuration will be a conventional "herringbone" pattern per drawings 9A and 9B (Reference No. 1 - Appendix A).
23. Technical Specifications: The landfill shall comply with the approved technical specifications. (Reference No. 8- Appendix A).
24. Certificate of Construction Completion: Within 60 days after all significant initial construction has been completed in each cell, and prior to acceptance of any solid waste in that cell, the Engineer of Record shall submit a Certification of Construction Completion, DEP Form 62-701.900(2), signed and sealed by a professional engineer, licensed in Florida, independent of the contractor, to the Department. All substantial deviations, if any, from the approved design shall be noted, Rule 62-701.320(9)(b), F.A.C. The Engineer of Record shall then contact the Department to arrange for Department representatives to inspect the facility with the permittee, the engineer, and the proposed on-site facility operator. The certification must be done for each cell individually.
25. Permit Deviations: The Department shall be notified and approval shall be obtained prior to executing any substantial changes or revisions to the construction authorized by this permit.

PERMITTEE:
Omni Waste of Osceola County, LLC

Attention: Mr. Mike Kaiser

WACS Facility: 89544
Permit/Certification Number:
SC49-0199726-017
Expiration Date: 08/16/2016

SPECIFIC CONDITIONS:

26. 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.
27. 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. Specific conditions 8 and 24 have been satisfied.
 - b. The Department has approved the Certificate of Construction Completion for the particular cell(s).
 - c. The leachate collection system is in place and functional.
 - d. 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.
 - iii. Proof of financial assurance that meets the requirements of Rule 62-701.630, F.A.C.
 - e. The issuance of the intermediate modification allowing for disposal operations in the cell(s). This modification will include an 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).
 - f. 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.)

ISSUED: _____

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Vivian F. Garfein
Director, Central District

PERMITTEE:
Omni Waste of Osceola County, LLC

Attention: Mr. Mike Kaiser

WACS Facility: 89544
Permit/Certification Number:
SC49-0199726-017
Expiration Date: 08/16/2016

FILING AND ACKNOWLEDGMENT

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

Clerk

Date

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of business on _____, 2011 to the listed persons.

Clerk

Appendix A

List of Documents Incorporated into Permit

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.

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

June 15, 2011

Email

mkaiser@wasteservicesinc.com

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

OCD-SW-11-181


Osceola County – SW WACS # 89544
J.E.D. Solid Waste Management Facility
Class I – Lateral Expansion Construction
Permit Application No. SC49-0199726-017 Complete

Dear Mr. Kaiser:

Your application for permit, DEP File Number SC49-0199726-017, is considered complete. The original permit application was dated February 17, 2011 and received by the Department on February 18, 2011. The final information making the permit application complete was dated June 6, 2011 and received by the Department June 6, 2011. The Department will make a final determination about the permit application no later than September 4, 2011.

If you have any questions, please contact Kim Rush at (407) 893-3328 or by e-mail at kim.rush@dep.state.fl.us.

Sincerely,


F. Thomas Lubozynski, P.E.
Waste Program Administrator

FTL/kr

cc: Craig Browne, P.E. - Geosyntec Consultants, cbrowne@geosyntec.com
Frank Hornbrook, DEP - Tallahassee, frank.hornbrook@dep.state.fl.us
Fred Wick, DEP - Tallahassee, fred.wick@dep.state.fl.us



13101 Telecom Drive, Suite 120
Tampa, Florida 33637
PH 813.558.0990
FAX 813.558.9726
www.geosyntec.com

6 June 2011

Mr. Thomas Lubozynski, P.E.
Waste Program Administrator
Florida Department of Environmental Protection
Central District Office
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767


**Subject: Correction to Response to Second Request for Additional Information
J.E.D. Solid Waste Management Facility (WACS #89544)
Class I – Lateral Expansion Construction
Osceola County, Florida
(Permit Application No. SC49-0199726-017)**

Dear Mr. Lubozynski:

Transmitted herewith are replacement pages for the Financial Assurance Cost Estimate for Cells 8 through 23: (i) FDEP Form 62-701.900(28), *Closure Cost Estimating Form for Solid Waste Facilities* (FDEP Form) and (ii) *Notes and Calculations*, submitted as part of the Response to Second Request for Additional Information dated 18 May 2011. The attached replacement pages address corrections made to Pages 7 and 8 of the previously submitted FDEP Form and Page 13 of the previously submitted Notes and Calculations dated May 2011.

If you or your staff have any questions or need additional information, please feel free to contact the undersigned.

Sincerely,



Victor M. Damasceno, Ph.D., P.E.
Engineer

Copies to: Michael Kaiser, Waste Services, Inc.

Transmittal.doc

engineers | scientists | innovators

IN OCUS

ATTACHMENT

Description	Unit	Number of Units / Year	Cost / Unit	Annual Cost
5. (continued)				
<u>Impoundments</u>				
Liner Repair	SY	1	\$1,088.00	\$1,088.00
Sludge Removal	CY			
<u>Aeration Systems</u>				
Floating Aerators	EA			
Spray Aerators	EA			
<u>Disposal</u>				
Off-site (Includes transportation and disposal)	1000 gallon	10,052	\$130.00	\$1,306.76
Subtotal Leachate Collection / Treatment Systems Maintenance:				\$30,647.94
6. Groundwater Monitoring Well Maintenance				
Monitoring Wells	LF			
Replacement	EA	1	\$992.00	\$992.00
Abandonment	EA	1	\$152.61	\$152.61
Subtotal Groundwater Monitoring Well Maintenance:				\$1,144.61
7. Gas System Maintenance				
Piping, Vents	LF	400	\$57.95	\$23,180.00
Blowers	EA			
Flaring Units	EA	1	\$59,355.00	\$59,355.00
Meters, Valves	EA			
Compressors	EA			
Flame Arrestors	EA			
Operation	LS	1	\$16,473.00	\$16,473.00
Subtotal Gas System Maintenance:				\$99,008.00
8. Landscape Maintenance				
Mowing	AC	4	\$33,088.00	\$132,352.00
Fertilizer	AC			
Subtotal Landscape Maintenance:				\$132,352.00
9. Erosion Control and Cover Maintenance				
Sodding	SY	2,000	\$1.81	\$3,620.00
Regrading	AC			
Liner Repair	SY	200	\$21.21	\$4,242.00
Clay	CY			
Subtotal Erosion Control and Cover Maintenance:				\$7,862.00
10. Storm Water Management System Maintenance				
Conveyance Maintenance	LS	1	\$10,000.00	\$10,000.00
Subtotal Storm Water Management System Maintenance:				\$10,000.00
11. Security System Maintenance				
Fences	LS	1		
Gate(s)	EA			
Sign(s)	EA			
Subtotal Security System Maintenance:				

Description	Unit	Number of Units / Year	Cost / Unit	Annual Cost
12. Utilities	LS	1	\$41,779.20	\$41,779.20
			Subtotal Utilities:	\$41,779.20

13. Leachate Collection/Treatment Systems Operation
Operation

P.E. Supervisor	HR			
On-Site Engineer	HR			
Office Engineer	HR			
OnSite Technician	HR			
Materials	LS	1		

Subtotal Leachate Collection/Treatment Systems Operation:

14. Administrative

P.E. Supervisor	HR			
On-Site Engineer	HR			
Office Engineer	HR			
OnSite Technician	HR			
Other	YR	1	\$34,816.00	\$34,816.00

See attached notes

Subtotal Administrative: \$34,816.00

Subtotal of 1-14 Above: \$460,860.95

15. Contingency	10	% of Subtotal of 1-14 Above		\$46,086.10
			Subtotal Contingency:	\$46,086.10

Description	Unit	Number of Units / Year	Cost / Unit	Annual Cost
16. Site Specific Costs				
			Subtotal Site Specific Costs:	

ANNUAL LONG-TERM CARE COST (\$ / YEAR): \$506,947.04

Number of Years of Long-Term Care: 30

TOTAL LONG-TERM CARE COST (\$): \$15,208,411.35

Written by: **V. Damasceno** Date: **May 2011** Reviewed by: **C. Browne** Date: **May 2011**

Client: **Omni Waste of
Osceola County, LLC** Project: **Financial
Assurance** Project No.: **FL1868** Phase No.: **04**

15. Contingency

A contingency of 10 % of the total long-term annual care cost (items 1-14) is assumed.

ANNUAL LONG-TERM CARE COST: ~~\$361,359.84~~\$506,947.04

TOTAL LONG-TERM CARE COST (30 years): ~~\$10,840,795.35~~\$15,208,411.35

Rush, Kim

From: Heidorn, Marjorie
Sent: Wednesday, June 01, 2011 4:12 PM
To: Rush, Kim
Cc: Lubozynski, Tom
Subject: Review-JED 2nd RRAI Lateral Expansion

Kim,

I have reviewed the 2nd RRAI for the lateral expansion. From a ground water standpoint, the modification can be issued.
m

Marjorie Heidorn P.G.
FDEP Waste Management
Solid Waste Permitting
3319 Maguire Blvd. Suite 232
Orlando, FL 32803
Marjorie.Heidorn@dep.state.fl.us



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

May 6, 2011

E-Mail

mkaiser@wasteservicesinc.com

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

OCD-SW-11-151

Osceola County - SW WACS # 89544
J.E.D. Solid Waste Management Facility
Class I - Lateral Expansion Construction
Second Request for Additional Information
Permit Application No. SC49-0199726-017

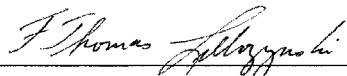
Dear Mr. Kaiser:

The additional information dated April 14, 2011 and received on April 15, 2011 was reviewed. The items listed on the attached page remain incomplete. Evaluation of your application will continue to be delayed until all the requested information has been received.

Pursuant to Section 120.60(2), Florida Statutes, the Department may deny an application, if the applicant, after receiving timely notice, fails to correct errors and omissions, or supply additional information within a reasonable period of time. Accordingly, please provide the additional information within 30 days of the date you receive this letter. Submit three copies of the requested information to the Department and reference the above permit application number in your correspondence.

If you have any questions, please contact Kim Rush at (407) 893-3328.

Sincerely,


F. Thomas Lubozynski, P.E.
Waste Program Administrator

FTL/gc/kr

Enclosure

cc: Craig Browne, P.E. - Geosyntec Consultants, cbrowne@geosyntec.com

Note that all references to "Report" in the following text refer to the document titled, "Response to Request for Additional Information dated 18 March 2011," prepared by Geosyntec consultants, Temple Terrace, Florida, dated April 14, 2011.

The item numbers below refer to the item numbers in the First Request for Additional Information, OCD-SW-11-074, dated March 18, 2011.

2. The Department will incorporate a Specific Condition into the issued permit requiring proof of mitigation for the jurisdictional wetlands and proof of compensating storage for the 100-year floodplain prior to the start of construction in these areas.

8. The Department acknowledges the intent to include the approval of a gas to energy (GTE) facility as part of this permit modification. It is our understanding that the initial GTE facility will be four internal combustion engine driven electric generators with an approximate output of 1.4MW. Please note, expansions to the GTE may require a permit modification. Provide responses to the following questions:
 - a. How will the condensate from the GTE facility be collected and disposed of? Provide drawings if applicable.
 - b. How much condensate is expected to be generated?
 - c. Will waste oil be generated? If so, how much and how will it be stored and disposed of?
 - d. Describe the connection and tie-in to the LFG collection system. Provide drawings.
 - e. The flare system shall be designed to manage 100% of the landfill gas and shall remain independent of the GTE facility. Provide a plan for the use of the flare as a backup system in the event of a GTE facility shut-down. Include a schedule for the periodic use of the flare in order to maintain its integrity.
 - f. What safety measures will be incorporated into the GTE facility design?

The Department has a concern with the location of the GTE facility as depicted on drawing 29A with respect to the surrounding structures and buildings. It has been our experience that a GTE fire is a real possibility and must be taken into consideration when planning the layout of a GTE facility.

11. The Department acknowledges that Omni will be seeking deferred financial assurance for cells 8 through 23. Please submit closure cost estimates for these cells either as a whole or as individual cells.
19. Item #19 requested that Table 1 be revised to include columns for latitude and longitude. SPT-5 on the revised table is not consistent with the location of SPT-5 on the revised Figure 4 site plan in Attachment 7. Please correct the appropriate item and resubmit both Table 1 and Figure 4.
20. The revised tables for DEP Items #20.e. and #20.f. (Table 11 and Table 12) were provided in Attachment 7. However, the letter response did not include either item. Please respond to these two items. In particular, verify that the latitude and longitude of the 5 potable well locations marked "NA" are not available.
21. Based on the background levels the Department intends to specify in the MPIS that the lower compliance level for the ground water pH will be dropped from 6.5 to 4.5 standard units. The pH of 2.94 noted in MW-2 will be investigated with further review of the Biennial.

If the Department has additional comments or questions related to the "Third Biennial Technical Report on Water Quality," they will be sent to you separately, not as part of this application review.



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

March 18, 2011

E-Mail

mkaiser@wasteservicesinc.com

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

OCD-SW-11-074

Osceola County - SW WACS # 89544
J.E.D. Solid Waste Management Facility
Class I - Lateral Expansion Construction
First Request for Additional Information
Permit Application No. SC49-0199726-017

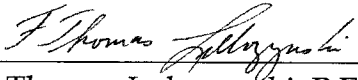
Dear Mr. Kaiser:

Geosyntec Consultants submitted on your behalf, "Landfill Lateral Expansion - J.E.D. Solid Waste Management Facility," Permit Application. It was dated February 17, 2011 and received February 18, 2011. We have assigned Permit No. SC49-0199726-017 to the application. The application is incomplete. Please provide the information listed on the attached sheet promptly. Evaluation of your application will be delayed until all the requested information has been received.

Pursuant to Section 120.60(2), Florida Statutes, the Department may deny an application, if the applicant, after receiving timely notice, fails to correct errors and omissions, or supply additional information within a reasonable period of time. Accordingly, please provide the additional information within 30 days of the date you receive this letter. Submit three copies of the requested information to the Department and reference the above permit application number in your correspondence.

If you have any questions, please contact George Cheryan at (407) 893-3328.

Sincerely,


F. Thomas Lubozynski, P.E.
Waste Program Administrator

FTL/gc/kr

Enclosure

cc: Craig Browne, P.E. - Geosyntec Consultants, cbrowne@geosyntec.com

Note that all references to "Report" in the following text refer to the document titled, "Landfill Lateral Expansion - J.E.D. Solid Waste Management Facility, Vol. 1 of 2 and 2 of 2," prepared by Geosyntec consultants, Temple Terrace, Florida, dated February 17, 2011.

- ✓ 1. Based on our review, we believe the major modification is seeking a permit for the following:
- a. Changing the geometry and area for previously approved Cells 11 through 23 as represented on Drawing 7 of 40, dated 2/17/2011. Some of portions of these cells extend into the new lateral expansion area.
 - b. Adding Cells 22 and 23 in the lateral expansion area.
 - c. Changing phasing for the landfill construction and operation. The new phasing is shown on Drawing 26A of 4, 2/17/2011.
 - d. Changing the leachate management system
 - i. Eliminating the temporary leachate storage location
 - ii. building the permanent leachate storage location
 - iii. Adding the piping for the change in storage location and the revised cells 11-21 and new cells 22-23.

Is our understanding of your application correct? What is the planned schedule for these changes? Most important, which actions do you expect to construct during the 5-year period for permit?

2. Definitely state that there will be no construction of the solid waste facilities in the jurisdictional wetland or in 100-year floodplain until:
- a. The wetlands are no longer considered jurisdictional wetlands
 - b. Compensating storage of has been provided for the 100-year floodplain area.
3. On Page 5 of 39, DEP Form 62-700.900(1), in Appendix A of the Report, provide an approximate date as to when the site will be ready to be inspected for construction completion.
- ✓ 4. In the Report, Section 1.3, page 5, you state the current FDEP-approved Technical Specification and Construction Quality Assurance Plan would be followed. To avoid confusion, please provide specific references to the documents you consider to be the current FDEP-approved Technical Specification and Construction Quality Assurance Plan.

5. In the Report Section 2.2 - Prohibitions, page 6, it is stated that "no solid waste will be placed...in a natural or artificial body of water." This statement is incorrect. The prohibition Rule 62-701.300(2)(d) specifically includes jurisdictional wetlands. As noted in the Report Section 1.2.1 - Previous Permit Applications, page 3, "...the footprint of the landfill will be expanded laterally and will impact additional wetland areas." Will the jurisdictional wetlands be mitigated in accordance with an ERP permit prior to the construction of the lateral expansion?
6. In the Report Section 2.2 - Prohibitions, page 6, it is stated that yard trash storage areas will meet all siting criteria. In the Report Section 2.2 - Prohibitions, page 6, it is stated that yard trash will be accepted for processing, reuse, or recycling. Yard Trash is not checked off in Appendix A - Application Form 62-701.900(1) Part B Item 8, page 6 of 39. Indicate whether yard trash will be accepted for disposal and/or processing.
7. In the Report Section 5.2 - LEACHATE MANAGEMENT SYSTEM Maintenance, page 14, the statement is made that future leachate collection pipes and cleanouts will be 8-inch diameter. Be more specific on 'future'; does this refer to all new construction of cells 8 and beyond or the entire landfill collection pipeline? In Appendix G Section 1 INTRODUCTION, the reference is made to the collection pipe increase from 6 inch to 8 inch which alludes to the replacement of all existing 6 inch collection pipe with 8 inch pipe.
8. In the Report Appendix A - Application Form 62-701.900(1), Part B Item 19, Gas Recovery is indicated as well as on Lateral Expansion Permit Drawing 29A GMW Plan II. If this permit modification is to include the approval of a gas to energy facility, submit supporting documentation. If not, submit a statement declaring a gas to energy permit is not being sought at this time.
9. In the Report Appendix A - Application Form 62-701.900(1), Part B Item 23, the leachate treatment method is stated as oxidation. The leachate storage facility is comprised of four holding cells, 3 covered and 1 uncovered. Does oxidation treatment occur in all four cells? If not, provide a more specific answer for the oxidation treatment of the leachate.
10. In the Report Appendix G - Leachate Management System Design, will the permanent leachate storage facility continue to utilize four holding cells: three covered and one uncovered?

11. An approved closure and long-term care cost estimate and proof of financial assurance will be required by the Department at least 60 days prior to the acceptance of any solid waste in the lateral expansion cells, Rule 62-701.630, F.A.C. Will you be seeking deferred financial assurance for any of the cells?

12. Rule 62-701.300(2)(b), F.A.C. requires that no waste be placed within 500 feet of existing or approved potable water well. Part C of the application refers to Section 2.2 for the information. Appendix C Sections 2.2.5 and 4.7 notes the well survey, which includes the on-site well. Figure 5 shows the well location and Table 12 notes that the well is potable.

The well is within 500 feet of proposed waste disposal. The Department does not see any plans for addressing this prohibition (e.g. set-backs, abandonment, etc.) Please discuss and include expected timeframe for the plans.

13. Appendix F, Page 8 of 13, Section 7 Results states that inspection of Tables 3 and 4 prove the slope requirements of 0.3 percent and 1.0 percent will be met, post-settlement. We could not find the calculations, data, or summary tables that show those calculations have been accomplished for each cell 11 through 23. Provide a table or other summary of data and results that provide the basis for the conclusions stated in Section 7 (for example, a table with pre- and post-settlement elevations and the resulting calculated slope for each cell).

14. Appendix I, Drawings 5 and 6 of 40:

- a. The legend indicates the subbase elevations are indicated by an underlined number. There are no underlined numbers inside the cells.
- b. There is only one labeled contour in each cell. This is not sufficient to depict how the subbase will be prepared.
- c. The subbase elevations seem to be properly represented on drawings 9A and 9B.
- d. Submit revised Drawings 5 and 6.

15. Appendix I, Drawings 9A and 9B: These drawings are supposed to depict the prepared subbase. However, they do not show the elevation for the prepared subbase for the leak detection trench. (The leak detection trench is designed to be lower than the leachate collections system as shown in Detail PL on Drawing 18.) Please clarify.

16. Appendix I, Drawings 10, 11:

- a. The contours seem to be two feet above the contour elevations in Drawings 9A and 9B. However, according to the legend these are the subbase elevations, just like those depicted on Drawings 9A and 9B.
- b. The cross section drawing of the liner and leachate collection system (Detail PL on Drawing 18) does not indicate that the leachate collection system will be two feet above the subbase elevation.
- c. Please clarify.

17. Appendix C Section 5.2 indicates that the facility does not propose to change the MPIS at this time. Changes to the MPIS will be proposed with the permitting of each future phase. The Department agrees.
18. Please submit the September 2010 sampling data to Tallahassee in ADaPT format using the following WACS numbers and report type:

MW Testsite Name	WACS #	Zone	ADaPT Report Type for Initial Sample
DP-20	27858	A	ASSMT
DP-21	27859	C	ASSMT
MW-24A	27860	A	ASSMT
MW-25A	27861	A	ASSMT
MW-26A	27862	A	ASSMT
MW-27C	27863	C	ASSMT

Appendix C Tables and Figures.

19. Please revise Table 1 to include latitude and longitude.
20. Section 2.2.2 states, "*A tabular summary of both the previous and recently installed monitoring well/piezometers construction details is provided in Tables 2A through 2D...*"
- Table 2A is for the "A" zone wells. There are 2 pages of Table 2A. The foot note indicates pages "1 of 2" and "2 of 2". The 2 pages appear to be the same table with the exception of:
 - Minor latitude difference for MW-24A and MW-25A.
 - The latitude position for MW-26A on Table 2A (1 of 2) is about 1,000 feet north of the latitude reported on Table 2A (2 of 2) and shown on the maps.Neither one of the Table 2As includes the "A" Zone wells: DP-2, DP-4, DP-6, DP-7, DP-10, DP-12, and DP-13. Please clarify and submit the correct Table 2A(s).
 - Table 8 indicates DP-20 has a detect of Arochlor 1221 at 0.24 ug/L. The laboratory data indicates that this value should have a "U" qualifier. Please correct and resubmit the appropriate document.
 - Table 10 lists the units for metals as "mg/L". The freshwater criteria listed for metals in Table 10 should have "ug/L" as the units. Please correct and resubmit the table.
 - Table 10 shows the detection level for Mercury at 0.08 ug/L which is above the Class III freshwater quality standard for Mercury of 0.012 ug/L (Rule 62-

302.530, F.A.C.). In the future a low level detection method must be used for the surface water samples to reach an appropriate detection limit.

- e. Table 11 lists all of the units as "mg/L". For at least some of the parameters, the units should be listed as "ug/L". Please check, correct, and resubmit Table 11 with the appropriate units.
- f. Table 12 does not include the latitude and longitude for the potable wells. If the latitude and longitude are known please provide this information. At a minimum, the latitude and longitude (in degrees, minutes and seconds (to two decimal places) must be provided for the on-site wells.
- g. Figure 4 appears to have a drafting error. Some letters and numbers (4s and 5s) were not printed. At a minimum please check and correct the following:
 - i. SPT 4 and 5 from 2002.
 - ii. SPT 4 and 5 from 2010
 - iii. MW-4 and MW-5 of the MPIS wells
 - iv. MW-24A and MW-25A for the 2010 wells
 - v. DP-4, DP-5, DP-14, DP-15, DP-24

Biennial.

Environmental Planning Specialists, Inc. submitted on your behalf the "Third Biennial Technical Report on Water Quality," (Biennial Report). The cover letter transmitting the report was dated December 3, 2010, and received by the Department on December 7, 2010. (The report was signed and sealed November 30, 2010.) The Department used the Biennial Report to help review the permit application because it answered some of the ground water questions raised by parts of the application. The Department has the following comment and question:

- 21. Table 4.1 of the Biennial Report clearly shows that the background pH at the site is between 4.5 and 6 pH standard units. Based on these background levels the Department intends to specify in the MPIS that the lower compliance level for the ground water pH will be dropped from 6.5 to 4.5 standard units. Do you agree?
- 22. There are exceedances with Ammonia, Benzene, and Vinyl Chloride. The facility believes that these exceedances are related to landfill gas. Please provide an update on the status of the gas migration study referred in the Biennial Report.



1501 Omni Way, St. Cloud, FL 34773

March 9, 2011

Mr. F. Thomas Lubozynski, P.E.
Waste Program Administrator
Florida Department of Environmental Protection
Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Subject: Notification of Application for Major Permit Modification
Lateral Expansion of the J.E.D. Solid Waste Management Facility
Osceola County, Florida
Permit No. SO49-0199726-015

Dear Mr. Lubozynski:

Please find attached the published Notification of Application (NOA) for the lateral expansion of the J.E.D. Solid Waste Management Facility. The NOA was published in the Orlando Sentinel on March 6, 2011.

If you have any questions or require any additional information, please contact me at (904) 673-0446 or mkaiser@wsii.us at your earliest convenience.

Sincerely,

A handwritten signature in cursive script that reads "Mike Kaiser".

Mike Kaiser
Waste Services, Inc.

03/06/2011

at due in accord-
e Self Storage Fe-
Linn, contents of
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UNIT #
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03/06/13/2011

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which occurred on February 5, 2010 in
Orange County, FL. The settlement re-
quires Lynx to pay \$75,000 to Marilyn
Castro in consideration for the Gener-
al Release of All Claims arising out of
this accident.

Date: March 3, 2011
By: Linda Connell, ACA, Risk Manager
COR1120185 03/06,07,08,09,10,11,12/2011

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL
PROTECTION NOTICE OF APPLICATION

The Department announces receipt of
an application for a major permit
modification from Omni Waste of
Ocala County, LLC/Julie Kaiser, 1501
Omni Way, St. Cloud, FL 34774, for the
lateral expansion of the J.E.D. Solid
Waste Management Facility's disposal
boundary to approximately 343 acres
and other related design changes. This
project is located west of U.S. High-
way 441, approximately 4.5 miles south
of Holopaw, in eastern Ocala County,
Florida.

This application is being processed
and is available for public inspection
during normal business hours, 8:00
a.m. to 5:00 p.m., Monday through
Friday, except legal holidays, at the
Department of Environmental Protec-
tion, 3319 N. Orange Blvd., Suite 222, Or-
lando, FL 32803-3767, telephone 407-993-
4328. Any comments or objections
should be filed in writing with the De-
partment at this address. Comments
or objections should be submitted as
soon as possible to ensure that there is
adequate time for them to be consid-
ered in the Department decision on the
application.

Documents in this matter can also be
accessed through the OCULUS elec-
tronic document management system
at: www.dep.state.fl.us. Once at the
DEP home page, click on Programs,
then click on Waste Management, and
then click on OCULUS.

Login as user and password: netuser.
Click the login button. Under Cata-
log select Solid Waste and under Pro-
file select Permitting Authorizations.
Enter 89544 in the Facility ID field &
hit the tab button. Click the Search
button.

COR1120226 3/6/2011

THE ST. JOHNS RIVER WATER MANAGEMENT
DISTRICT (DISTRICT) GIVES NOTICE OF
RECEIPT OF THE FOLLOWING CONSUMPTIVE
USE PERMIT APPLICATION(S):

Standard General Consumptive Use
Permit Application(s)

Woodlawn Memorial, 400 Woodlawn
Cemetery Rd., Gotha, FL 34734, appli-
cation #3341. The District issued a per-
mit June 3, 2008 for the use 53.66 mil-
lion gallons per year for irrigation of

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PERMIT DATA FORM

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MOD (NEW) ✓ RENEWAL

SITE WAFR # AIR # _____

SITE/WAFER/FACILITY NAME: GED

PROJECT NAME: _____

DESC: _____

TYPE CODE: SC SUBCODE: 01 CHECK IF GP ☐ EXEMPT ☐ NPDES ☐

CORRECT FEE: \$10,000 -

PROCESSOR: He

AMOUNT RCV'D: 10000 -

WACS # 89544

AMOUNT REFUND: _____

MONIES DUE: _____

Applicant:



Omni Waste of Osceola County, LLC
1501 Omni Way
St. Cloud, Florida 34773

LANDFILL LATERAL EXPANSION – APPLICATION FOR A MAJOR PERMIT MODIFICATION

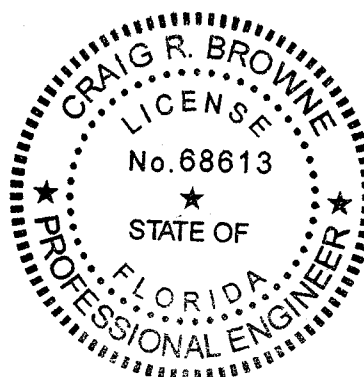
J.E.D. SOLID WASTE MANAGEMENT FACILITY

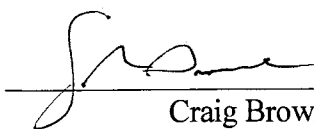
Prepared by:

Geosyntec 
consultants

13101 Telecom Drive, Suite 120
Temple Terrace, FL 33637
Authorization No. 4321
Project No. FL1868

February 2011




Craig Browne, P.E.
Florida Registration No. 68613
Date: 2/17/2011

17 February 2011

Mr. F. Thomas Lubozynski, P.E.
Waste Program Administrator
Solid and Hazardous Waste Program
Florida Department of Environmental Protection, Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

FEB 18 2011

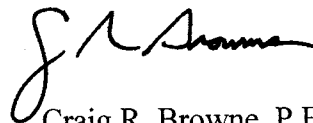
Subject: Major Modification Application
Lateral Expansion of the JED facility
Omni Waste of Osceola County, LLC

Dear Mr. Lubozynski:

Transmitted herewith are four copies (3 hardcopies and 1 electronic CD) of the subject permit application package for the J.E.D. Solid Waste Management (JED) facility. The application was prepared by Geosyntec Consultants on behalf of Omni Waste of Osceola County, LLC (a wholly owned subsidiary of Waste Services, Inc.). This permit application package includes a major modification application and permit drawings set in support of the vertical expansion and other landfill design modifications proposed for the JED facility.

A check in the amount of \$10,000 is also enclosed with this major modification application. An application to modify the Environmental Resources Permit is being prepared and will be submitted to FDEP separately. If you, or your staff, have any questions or need additional information, please feel free to contact the undersigned.

Sincerely,



Craig R. Browne, P.E.
Project Engineer

Enclosures

copy: Mike Kaiser, Waste Services, Inc.
Shawn McCash, Waste Services, Inc.

Design calculations confirming the adequacy of the drainage swales and the downdrains to convey the storm water runoff are presented in the 2011 Conceptual ERP Modification Application that is submitted concurrently with this Lateral Expansion Permit Application.

7.4 Financial Responsibilities

As currently approved by FDEP, Omni is operating under a phased financial assurance for the JED facility whereby closure and long-term care financial assurance is provided only for those cells that have been constructed. At present, Cells 1 through 7 have been constructed, and a financial assurance mechanism in the amount of \$5,950,241.32 (for closure) and \$7,404,650.74 (for long-term care) has been approved by FDEP in November 2010 for closure and long term care of the Cells 1 through 7 area. Each time a new cell is constructed, a minor modification permit application is submitted to increase the financial assurance costs and update the funding mechanism accordingly. Also, when a portion of the landfill is closed, a minor modification permit application is submitted to reduce the financial assurance closure costs and associated funding mechanism. Because this lateral expansion permit application does not include modifications to increase the footprint of the currently constructed cells, adjustments to the currently approved financial assurance costs and funding mechanism are not provided herein.