



Florida Department of Environmental Protection Permit

Permit Issued to:

J.E.D. Solid Waste Management Facility

Located at 1501 Omni Way
St. Cloud, Florida, Osceola County
Telephone No. (561) 237-3414
Facility ID No.: WACS ID # 89544

Authorized Representative:

Mr. Shawn McCash
Title: Senior Vice President
1501 Omni Way
St. Cloud, FL 34773

Solid Waste Operating Permit – Class I Intermediate Modification

Solid Waste Management Facility

J.E.D. Solid Waste Management Facility – St. Cloud

Permit No.: SO49-0199726-011

Permit Issued: 02/17/2009

Permit Renewal Application Due Date: 11/12/2011

Permit Expires: 01/11/2012

Permitting Authority

Florida Department of Environmental Protection
Central District Office
3319 Maguire Boulevard, Suite 232
Orlando, FL 32803
Telephone No. (407) 893-3328
Fax No. (407) 893-3124



Florida Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

By E-Mail
smccash@wasteservicesinc.com

Mr. Shawn McCash
Omni Waste of Osceola County, LLC (Omni)
1501 Omni Way
St. Cloud, FL 34773

OCD-SW-09-0040

Osceola County – SW WACS # 89544
J.E.D. Solid Waste Management Facility-Class I
Partial Closure of Side Slopes of Phase I – Intermediate Modification
Modification of Permit No. SO49-0199726-010
Permit Application No. SO49-0199726-011

Dear Mr. McCash:

In response to the request submitted on November 26, 2008, by Geosyntec Consultants, the Department is granting your request in support of a partial closure of 24.7 acres of the side slopes of Phase I – Cells 1 through 4 at the J.E.D. Solid Waste Management Facility, Class I.

Permit No. SO49-0199726-010 is modified to include the following Specific Condition Nos. 67 to 74.

67. Final Cover System Design: The partial closure of the J.E.D. Facility shall involve construction of the final cover system, placing final cover materials (soil and geosynthetics) from the anchor trench along the perimeter road up to an elevation of approximately 180 ft. NGVD. The landfill partial closure shall have side slopes graded at 3H:1V, with 15 ft. wide benches at elevations 138 and 178 ft. NGVD.

68. Final Cover – Side Slopes: The proposed final cover system on the landfill side slopes shall be as presented in Drawing No. 8 and 11 of 13 in Appendix B of the Report (Reference No. 1 – Appendix A) and shall consist of, from top to bottom:

- a 0.5-ft. thick vegetative layer;
- a 1.5-ft. thick cap protective layer (vegetative support layer);
- a geocomposite drainage layer;
- a 40-mil thick polyethylene (PE) geomembrane; and
- a 1-ft. thick intermediate cover layer.

69. Drainage Swales: Drainage swales shall be constructed along the landfill benches to collect and divert surface water runoff via downdrains to the stormwater ponds and ditches at the toe of the landfill slope to minimize erosion at the surface of the landfill cover system.

70. Construction Quality Assurance: The Construction Quality Assurance (CQA) Plan submitted as part of a permit application titled "Major Modification Application for Vertical Expansion of the J.E.D. Solid Waste Management Facility, Phases 1 through 3", Volume 1 of 2 and 2 of 2, dated September 2007 (Reference No. 5 – Appendix A) shall be followed for installing and testing the liner system and related components. The CQA engineer or the engineer's designee shall be on-site at all times during construction of the liner systems to monitor the construction activities.

71. Technical Specifications: The partial closure of the J.E.D. Facility shall be constructed with quality materials. The technical specifications for all construction materials, including the final cover system geosynthetics and soils shall be as presented in Appendix C of the Report (Reference No. 1 – Appendix A).

72. Certification of Closure Construction Completion: A certification of partial closure construction completion, DEP Form 62-701.900(2), signed and sealed by a professional engineer, licensed in Florida, independent of the contractor, shall be submitted to the Department upon completion of the partial landfill closure. All substantial deviations, if any, from the approved design shall be noted, Rule 62-701.610(4), F.A.C. The Engineer of Record shall contact the Department to arrange for Department representatives to inspect the facility with the permittee, the engineer and the proposed on-site facility operator. All corrective work shall be performed before the landfill project is accepted by the Department.

73. 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 record drawings and a summary report to the Department as to the complete conformity with all applicable provisions of Chapter 62-701, F.A.C. This summary report shall include a documented control program of the liner installation, liner inspections, and the quality assurance/quality control testing procedure and laboratory analyses. This report shall be included with the certification required in Specific Condition No. 72 of this permit.

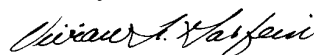
74. Final Cover Maintenance: A stockpile of cover material for long-term care erosion control, filling areas of subsidence, maintaining berms, and general maintenance of the facility shall be maintained on-site, Rule 62-701.600(5)(f)4, F.A.C. The partial landfill closure area shall be periodically inspected and maintained by the permittee.

The information submitted November 26 and December 31, 2008, on file at the Central District Office, is made part of the subject permit. The documents are listed in Appendix A.

All other conditions of the subject permit remain unchanged.

This letter must be attached to Permit No. SO49-0199726-010 and becomes part of that permit. The new Permit No. is SO49-0199726-011.

Sincerely,



Vivian F. Garfein
Director, Central District

Date: February 17, 2009

FILING AND ACKNOWLEDGEMENT

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



Clerk

Feb. 17, 2009

Date

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT MODIFICATION and all copies were sent before the close of business on February 17, 2009 to the listed persons.



Clerk

VFG/gc/ew

Enclosure:

1. Appendix A – List of Documents Incorporated into Permit

Copies furnished to:

Richard Tedder, P.E. – DEP – Tallahassee

Fred Wick – DEP – Tallahassee

Frank Hornbrook – DEP – Tallahassee

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

Kwasi Badu-Tweneboah, Ph.D., P.E., Geosyntec Consultants kbadutweneboah@geosyntec.com

Appendix A
List of Documents Incorporated into Permit

1. Partial Landfill Closure – Application For An Intermediate Permit Modification, J.E.D. Solid Waste Management Facility, Prepared by: Geosyntec consultants, Tampa, Florida dated November 2008. Received and stamped November 26, 2008, DEP – Central District.
2. First Request for Additional Information from Central District – DEP dated December 18, 2008.
3. Response to Request for Additional Information dated December 18, 2008 from Geosyntec consultants, Tampa, Florida dated December 30, 2008. Received and stamped December 31, 2008, DEP – Central District.
4. Electronic mail dated January 31, 2009, from Tom Lubozynski, P.E., DEP – Central District to Michael Kaiser – J.E.D. Permit Application SO49-0199726-011 Complete as of December 31, 2008.
5. Major Modification Application for Vertical Expansion of the J.E.D. Solid Waste Management Facility, Phases 1 through 3, Volume 1 of 2 and 2 of 2, dated September 2007. Received and stamped September 18, 2007, DEP – Central District.