



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

NOTICE OF PERMIT

July 27, 2011

By E-Mail
mkaiser@wasteservicesinc.com

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

OCD-SW-11-243

Osceola County – SW WACS # 89544
J.E.D. Solid Waste Management Facility – Class I Landfill
Partial Landfill Closure – Intermediate Modification
Modification of Permit No. SO49-0199726-015
(As revised by Permit Application No. SO49-0199726-018)


Dear Mr. Kaiser:

Enclosed is the modification of Permit No. SO49-0199726-015 as requested in Permit Application No. SO49-0199726-018. The modified permit authorizes you to perform the partial closure of the upper side slope and top deck areas of the Phase 1 (Cells 1-4) disposal area at 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 filing of a Notice of Appeal under Rule 9.110 of the Florida Rules of Appellate Procedure, with the Clerk of the Department of Environmental Protection, Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000 and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within thirty days after this notice is filed with the Clerk of the Department.

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


F. Thomas Lubozynski, P.E.
for Vivian F. Garfein
Director, Central District

FILING AND ACKNOWLEDGMENT

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




Clerk

July 27, 2011

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 July 27, 2011 to the listed persons.



Clerk

VFG/FTL/kr

Enclosure:

Modification of Permit No. SO49-0199726-015 as revised by No. SO49-0199726-018

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 - Tallahassee, frank.hornbrook@dep.state.fl.us

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



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Permit Issued to:
J.E.D. Solid Waste Management Facility
Located at: 1501 Omni Way
St. Cloud, Florida, Osceola County
Telephone No. (407) 891-3720
Facility ID No.: WACS ID # 89544

Authorized Representative: Mr. Mike Kaiser
Title: Vice President, Omni Waste of Osceola County, LLC (OMNI)
1501 Omni Way
St. Cloud, Florida 34773

Solid Waste Operation Permit-Class I Intermediate Modification
Solid Waste Management Facility
J.E.D. Solid Waste Management Facility - St. Cloud
Modification of Permit No. SO49-0199726-015
(As revised by Permit Application No. SO49-0199726-018)

Permit Issued:
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) 897-4100



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NOTICE OF PERMIT

July 27, 2011

By-Email
mkaiser@wasteservicesinc.com

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

OCD-SW-11-243

Osceola County – SW WACS # 89544
J.E.D. Solid Waste Management Facility – Class I Landfill
Partial Landfill Closure – Intermediate Modification
Modification of Permit No. SO49-0199726-015
(As revised by Permit Application No. SO49-0199726-018)

Dear Mr. Kaiser:

In response to the request submitted on March 10, 2011 by Craig R. Browne, P.E., of Geosyntec Consultants, Temple Terrace, Florida, Permit Number SO49-0199726-015 is modified for the partial closure of the upper side slope and top deck areas of the Phase 1 (Cells 1-4) disposal area at the J.E.D. Solid Waste Management Facility, Class I Landfill.

The information submitted in support of this modification is on file at the Central District office and is made part of the subject permit. The information submitted is listed in Appendix A – List of Documents Incorporated into Permit.

Permit No. SO49-0199726-015 is modified by revising Specific Condition Nos. 67 and 74 and adding new Specific Conditions Nos. 100 thru 108. All other conditions of the subject permit remain unchanged.

PERMITTEE:
JED Solid Waste Management Facility

Attention: Mr. Mike Kaiser

WACS Facility: 89544
Permit Number: SO49-0199726-015
As Revised by: SO49-0199726-018
Expiration Date: 01/11/2012

REVISED SPECIFIC CONDITIONS:

~~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. (NOTE: This specific condition has been updated to include information from Application No. SO49-0199726-018. It is now Specific Condition No. 100.)~~

~~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. (NOTE: This specific condition has not changed. It is moved to Specific Condition No. 107 so it is in the Permit section describing partial closure requirements. This condition requires continued maintenance of any area that has been closed even though the 30-year long-term care period has not begun.)~~

ADDED SPECIFIC CONDITIONS:

Related to Application SO49-0199726-018: Authorizing partial closure of the upper side slopes and top areas of Cells 1 through 4, Phase 1 (i.e., Partial Closure – Event 2)

100. Final Cover System Design:

- a. Partial Closure of Bottom Side Slope – Phase 1 (Partial Closure – Event 1, 2009): This partial closure involved 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. For this partial closure the side slopes were graded at 3H:1V, with 15 ft. wide benches at elevations 138 and 178 ft., NGVD.
- b. Partial Closure Upper Side Slope and Top Deck– Phase 1 (Partial Closure – Event 2, 2011): The Event 2 partial closure involves construction of the final cover system, placing final cover materials (soil and geosynthetics) from approximately 180 ft., NGVD to the maximum elevation of approximately 272 ft., NGVD. This partial closure shall have side slopes graded at 3H:1V, with 15-ft wide benches at elevations 218 and 258 ft., NGVD.

101. Final Cover: The proposed final cover system shall be as presented in Drawing No. 11 in the Permit modification application package (Reference No. 1 – Appendix A) and shall consist of, from top to bottom:

- a. Side Slopes:
 - 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

PERMITTEE:
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Attention: Mr. Mike Kaiser

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- A 1-ft. thick intermediate cover layer
- b. Top Deck:
 - A 0.5-ft. thick vegetative layer
 - A 1.5-ft. thick cap protective layer (vegetative support layer)
 - A 40-mil thick polyethylene (PE) geomembrane
 - A 1-ft. thick intermediate cover layer

102. 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.
103. 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, dated September 17, 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.
104. 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 Technical Specifications (Reference No. 1 – Appendix A).
105. 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.
106. 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 analysis. This report shall be included with the certification required in Specific Condition No. 105 of this permit.
107. 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. (This condition requires

PERMITTEE:
JED Solid Waste Management Facility

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continued maintenance of any area that has been closed even though the 30-year long-term care period has not begun.)

108. Closure Plan: Partial closure of the landfill shall be in accordance with the approved Closure Plan dated April 28, 2011 (Reference No. 3 – Appendix A) per Rule 62-701.600(3), F.A.C.

This letter must be attached to Permit No. SO49-0199726-015 and becomes part of that permit. The permit expiration date is not changed; it is January 11, 2012. The new Permit No. is Modified Permit No. SO49-0199726-015 as revised by Permit No. SO49-0199726-018.

PERMITTEE:
JED Solid Waste Management Facility

Attention: Mr. Mike Kaiser

WACS Facility: 89544
Permit Number: SO49-0199726-015
As Revised by: SO49-0199726-018
Expiration Date: 01/11/2012

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



F. Thomas Lubozynski, P.E.
for Vivian F. Garfein
Director, Central District

FILING AND ACKNOWLEDGMENT

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



Clerk

July 27, 2011
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 July 27, 2011
to the listed persons.



Clerk

VFG/FTL/kr

Enclosures:

1. Appendix A-018: - List of Additional Documents incorporated into the modification of
Permit No. SO49-0199726-015 as revised by No. SO49-0199726-018

Copies furnished to:

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

Appendix A-018

List of Additional Documents incorporated into the modification of Permit No. SO49-0199726-015 as revised by Permit No. SO49-0199726-018.

1. Partial Landfill Closure – Application for an Intermediate Permit Modification, J.E.D. Solid Waste Management Facility, dated March 10, 2011. Received and stamped March 11, 2011, DEP – Central District.
2. First Request for Additional Information from DEP – Central District dated April 6, 2011.
3. Response to First Request for Additional Information from Omni Waste of Osceola County, LLC dated April 28, 2011. Received and stamped April 29, 2011, DEP – Central District.
4. Permit Application Completion Letter from DEP – Central District dated May 12, 2011.
5. Major Modification Application for Vertical Expansion of the J.E.D. Solid Waste Management Facility, Phases 1 through 3, dated September 17, 2007. Received and stamped September 18, 2007.