



FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

October 7, 2020

NOTICE OF PERMIT

By-Email

kirk.wills@wasteconnections.com

In the Matter of an

Application for Permit by:

Kirk Wills, Southern Region Engineer
Waste Connections of Osceola County, LLC
1501 Omni Way
St. Cloud, FL 34773

Osceola County
WACS # 89544
J.E.D. Solid Waste Management Facility

Attention: Mr. Wills

DEP File No: 0199726-039-SO-21

Enclosed is Permit Number 0199726-039-SO-21 to renew the permit for the installation and operation of a leachate evaporation system within the existing landfill gas management area, issued pursuant to Section 403.061(14) and 403.707, Florida Statutes.

NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the application.

Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;

- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests are or will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within **14** days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within **14** days of publication of the notice or within **14** days of receipt of the written notice, whichever occurs first. The failure 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.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us, before the deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation

Mediation is not available in this proceeding.

Judicial Review

Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (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 must be filed within 30 days from the date this action is filed with the Clerk of the Department.

EXECUTION AND CLERKING

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Kimberly A. Walker  Digitally signed by Kimberly A. Walker
Date: 2020.10.07 11:21:46 -04'00'

Kimberly A. Walker, Program Administrator
Permitting and Compliance Assistance Program

Attachment(s):

1. Permit No. 0199726-039-SO-21

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this document and all attachments were sent on the filing date below to the following listed persons:

Benjamin Gray, Waste Connections, benjamin.gray@wasteconnections.com
Don Grigg, P.E., Golder Associates, Inc., don_grigg@golder.com
Jesse Brown, Golder Associates, Inc., jesse_brown@golder.com
El Kromhout, P.G., FDEP PCAP Solid Waste, elizabeth.kromhout@floridadep.gov
Central District, DEP_CD@floridadep.gov

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

10/07/2020
Date



FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

Permit Issued to:

Waste Connections of Osceola County, LLC
1501 Omni Way
St. Cloud, Florida
(407) 891-3720

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

Contact Person:
Kirk Wills – Senior Region Engineer
kirk.wills@wasteconnections.com
(813) 388-1026

Solid Waste Research, Development & Demonstration Permit
Permit No.: 0199726-039-SO-21
Replaces Permit No.: 0199726-038-SO-21

Permit Issued: October 7, 2020
Permit Renewal Application Due Date: August 8, 2021
Permit Expires: October 7, 2021

Permitting Authority
Florida Department of Environmental Protection
Division of Waste Management
Permitting and Compliance Assistance Program
2600 Blair Stone Road
Tallahassee, Florida 32399
(850) 245-8707

SECTION 1 - SUMMARY INFORMATION

A. Authorization

The permittee is hereby authorized to operate a Research, Development & Demonstration (RD&D) facility described below in accordance with the specific and general conditions of this permit and any documents attached to this permit or specifically referenced in this permit and made a part of this permit.

This solid waste Research, Development & Demonstration permit is issued under the provisions of Chapter 403, Florida Statutes, (F.S.), and Chapters 62-4 and 62-701, Florida Administrative Code, (F.A.C.).

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

B. Facility Location

The facility is located at 1501 Omni Way, approximately 6.5 miles south of Holopaw, on the west side of U.S. Highway 441 in eastern Osceola County, Florida (Latitude 28°3'32" N, Longitude 81°5'46" W).

C. Facility Description

The purpose of this RD&D permit is the determination of optimal operational conditions for the leachate evaporation process. The permit authorizes the initial installation and operation of a leachate evaporator system. The system includes an evaporator tank, landfill gas burners, a volatile organics compound and ammonia stripper column, a landfill gas compressor, and associated piping and appurtenances, all mounted on two trailer bodies. The leachate evaporator system will be located in the landfill gas management area, adjacent to the facility's leachate storage ponds. The leachate evaporation process (Appendix 2, Document 1 – Figures 4 and 5) will include pumping leachate from the leachate storage ponds to the air stripper column, from there the leachate will enter the leachate evaporation tank. The concentrate will be drawn from the bottom of the tank to a solids centrifuge. The solid residuals will be collected in a dumpster and then disposed in the Class I landfill on-site. The leachate evaporation system can process up to 30,000 gallons of leachate a day.

The J.E.D. Solid Waste Management Facility is comprised of the following:

- A Class I landfill designed with a double-composite liner system which directs any liquid entering the landfill that may have contacted refuse to a leachate collection system (LCS). The collected leachate is pumped from sumps into the leachate transmission line where it is conveyed to an on-site leachate storage facility. The Class I landfill operates under

Operation Permit No. 0199726-033-SO-01 including any subsequent modifications of the permit.

- The facility holds Title V Air Permit No. 0970079-015-AV. The Class I landfill has an active landfill gas management system (LGMS) design. The LGMS is installed in phases per the approved design to control air emissions, odor, and migration of methane. A landfill gas to energy (LFGTE) facility has been constructed and is operational.
- The facility has a ground water and surface water monitoring plan.

D. Appendices Made Part of This Permit

APPENDIX 1 - General Conditions

APPENDIX 2 – List of Approved Documents Incorporated into the Permit

SECTION 2 - SPECIFIC CONDITIONS

A. Administrative Requirements

1. Documents Part of This Permit. The permit application as revised in final form replaced or amended in response to the Department's Request(s) for Additional Information are contained in the Department's files and are made a part of this permit. Those documents that make up the complete permit application are listed in APPENDIX 2.
2. Permit Modification. Any change to construction, operation, monitoring, or closure requirements of this permit may require a modification to this permit, in accordance with the provisions of Rule 62-701.320(4), F.A.C.
3. Permit Renewal. RD&D permits may be issued for up to three years and may be renewed up to three times in accordance with Section 403.70715(1)(a), F.S. In order to ensure uninterrupted operation of this facility, a timely and sufficient permit renewal application must be submitted to the Department in accordance with Rule 62-701.320(10), F.A.C. A permit application submitted at least 61 days prior to the expiration of this permit is considered timely and sufficient.
4. Transfer of Permit or Name Change. In accordance with Rule 62-701.320(11), F.A.C., and Rule 62-4.120, F.A.C., the Department must be notified by submitting Form 62-701.900(8) within 30 days: (a) of any sale or conveyance of the facility; (b) if a new or different person takes ownership or control of the facility; or (c) if the facility name or permittee's legal name is changed.

B. Construction Requirements

This Permit does not authorize any bottom liner construction activities.

C. Operation Requirements

1. **General Operating Requirements.** The Permittee shall operate the leachate evaporator system in accordance with the approved Design and Operation Plan as listed in Appendix 2, Document 1 – Section 2. The Department shall be notified before any changes, other than minor deviations, to the approved Operation Plan are implemented in order to determine whether a permit modification is required.
2. **Operation Plan.** A copy of the approved Design and Operation Plan, including the operating record as defined in Rule 62-701.500(3), F.A.C., shall be kept at the facility and shall be accessible to landfill operators.
3. **Maximum Daily Volume.** The maximum volume of leachate to be introduced into the leachate evaporation system shall not exceed 30,000 gallons per day.
4. **Waste Management and Handling.**
 - a. All residual solids shall be handled and disposed of in accordance with the approved Design and Operation Plan.
 - b. No solid waste shall be disposed of outside of the permitted footprint of the solid waste disposal units.
5. **Contingency Plan and Notification of Emergencies.** The Permittee shall notify the Department in accordance with the approved Contingency Plan. Notification shall be made to the Solid Waste Section of DEP's Central District Office at (407) 897-4304.
6. **Housekeeping.** The facility shall be operated to control dust, vectors, litter and objectionable odors.
7. **Leachate Management.**
 - a. The permittee shall operate the leachate evaporation system (including the collection, removal, storage, and conveyance), and maintain the system as designed, so that leachate is not discharged from the system except as provided for in the Operation Plan.
 - b. Routine inspections and maintenance of the leachate evaporation system and the leachate conveyance lines (aboveground) shall be conducted in accordance with the schedule established in the Operation Plan. This includes the HDPE piping between the leachate storage ponds and the leachate evaporation system.
 - c. Any leachate or concentrate from the leachate evaporation system shall be handled in accordance with the approved Design and Operation Plan.
8. **Record Keeping Requirements.** Operational records of this RD&D project, such as quantity of leachate evaporated per day, leachate flow rates to the evaporator, landfill gas flow rates to the evaporator, hours of operation of the evaporator, amounts of residual solids produced per day as described in Section 2.1 of the Design and Operation Plan (Appendix 2, Document 1 – Section 2), will be maintained and kept as part of the Operational record.

9. Stormwater. Leachate shall not be discharged into the stormwater management system. Stormwater or other surface water which comes into contact with or mixes with the solid waste or leachate shall be considered leachate and is subject to the requirements of Rule 62-701.500(8), F.A.C.

D. Water Quality Monitoring Requirements

The water quality monitoring plan is included in the facility's Class I Operation Permit.

E. Gas Management System Requirements

1. Operational Requirements. Gas controls, conveyance and other appurtenances shall be operated and maintained so that they function as designed.
2. Monitoring Requirements. Monitoring for methane gas is included in the facility's Class I Operation Permit.
3. Odor Remediation Plan. The facility shall be operated to control objectionable odors.

F. Financial Assurance and Cost Estimates

Not Applicable.

G. Closure Requirements

1. Closure Operation Plan. All closure shall be done in accordance with the approved Closure Plan (Appendix 2, Document 1 – Section 3 Closure Plan). The Department shall be notified before any changes, other than minor deviations, to the approved closure design are implemented in order to determine whether a permit modification is required
2. Notifications. The Permittee shall notify the Department at least 30 days prior to ceasing operation of the leachate evaporation system and shall submit a written certification to the Department no later than 30 days after closure is complete.

H. Long Term Care Requirements

Not Applicable.

PERMITTEE NAME: Waste Connections of Osceola County, LLC
FACILITY NAME: J.E.D. Solid Waste Management Facility

PERMIT NO.: 0199726-039-SO-21
WACS Facility ID: 89544

EXECUTION AND CLERKING

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Digitally signed by Kimberly A. Walker
Date: 2020.10.07 11:22:27 -04'00'

Kimberly A. Walker, Program Administrator
Permitting and Compliance Assistance Program

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.

Hopa Thigpen
Clerk

10/07/2020
Date

APPENDIX 1

General Conditions

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of, or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law

and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit;
and
- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

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

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

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit or a copy thereof shall be kept at the work site of the permitted activity.

12. The permittee shall comply with the following:

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

- (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - (c) Records of monitoring information shall include:
 - 1. the date, exact place, and time of sampling or measurements;
 - 2. the person responsible for performing the sampling or measurements;
 - 3. the dates analyses were performed;
 - 4. the person responsible for performing the analyses;
 - 5. the analytical techniques or methods used;
 - 6. the results of such analyses.
13. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

APPENDIX 2

Approved Documents Incorporated into the Permit

The approved application documents for the J.E.D. Solid Waste Management Facility Research Development & Demonstration Permit consist of the following:

1. Application for Research, Development, & Demonstration – Leachate Evaporator, J.E.D. Solid Waste Management Facility, prepared by Golder Associates, Inc., for Waste Connections of Osceola County, LLC, dated October 11, 2019 and received by the Department October 14, 2019.

[https://depdms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&\[guid=8.304109.1\]&\[profile=Permitting_Authorization\]](https://depdms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=8.304109.1]&[profile=Permitting_Authorization])

2. Application for Renewal for Research, Development, & Demonstration – Leachate Evaporator, J.E.D. Solid Waste Management Facility, prepared by Golder Associates, Inc., for Waste Connections of Osceola County, LLC, dated received by the Department October 5, 2020.

[https://depdms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&\[guid=8.317397.1\]&\[profile=Permitting_Authorization\]](https://depdms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=8.317397.1]&[profile=Permitting_Authorization])