



Florida Department of Environmental Protection

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

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

Sent by Electronic Mail - Received Receipt Requested

Mr. Jeff Roccapriore
District Manager
Waste Management Inc. of Florida
Monarch Hill Landfill
2700 Wiles Road
Pompano Beach, Florida 33073

Re: Monarch Hill Landfill {formerly known as Central Disposal}
Draft/Proposed Permit No. 0112094-010-AV, Title V Air Operation Permit Renewal

Dear Mr. Roccapriore:

Enclosed is the permit package for a Title V air operation permit renewal for the Monarch Hill Landfill {formerly known as Central Disposal}. This facility is located in Broward County at 2700 Wiles Road, Pompano Beach, Florida.

The permit package includes the following documents:

- The Written Notice of Intent to Issue Air Permit provides important information regarding: the Permitting Authority's intent to issue air permit for the proposed project; the requirements for publishing a Public Notice of the Permitting Authority's intent to issue air permit; the procedures for submitting comments on the draft/proposed Title V air operation permit; the process for filing a petition for an administrative hearing; and, the availability of mediation.
- The Public Notice of Intent to Issue Air Permit is the actual notice that you must have published in the legal advertisement section of a newspaper of general circulation in the area affected by this project. The Public Notice of Intent to Issue Air Permit must be published as soon as possible and the proof of publication must be provided to the Department within seven days of the date of publication. Because this permit is being processed as a combined draft/proposed permit in order to reduce processing time, a duplicate copy of the proof of publication must also be transmitted by electronic mail within seven days of the date of publication to Ms. Ana Oquendo at EPA Region 4 at the following address: oquendo.ana@epa.gov.
- The Statement of Basis, which summarizes the facility, the equipment, and the primary rule applicability.
- The draft/proposed Title V air operation permit, which includes the specific permit conditions that regulate the emissions units covered by the proposed project.

Please submit any written comments you wish to have considered concerning the permitting authority's proposed action to Mr. David Lyle Read, P.E., Environmental Administrator, Permitting Section, at the above letterhead address. If you have any questions, please contact Mr. Scott M. Sheplak, P.E. by telephone at 850/717-9074 or by email at scott.sheplak@dep.state.fl.us.

Sincerely,

For:

Jeffery F. Koerner, Deputy Director
Division of Air Resource Management

JFK/dlr/sms

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

*In the Matter of an
Application for Permit by:*

Waste Management Inc. of Florida
Monarch Hill Landfill
2700 Wiles Road
Pompano Beach, Florida 33073

Draft/Proposed Permit No. 0112094-010-AV
Facility ID No. 0112094
Monarch Hill Landfill {formerly known as Central
Disposal}

Responsible Official:

Mr. Jeff Roccapriore, District Manager

Title V Air Operation Permit Renewal
Broward County, Florida

Facility Location: The applicant owns and operates the existing Monarch Hill Landfill, which is located in Broward County at 2700 Wiles Road, Pompano Beach, Florida.

Project: The applicant applied on October 5, 2015, to the Department for a Title V air operation permit renewal. The existing Monarch Hill Landfill is located in Broward County at 2700 Wiles Road, Pompano Beach, Florida.

The Monarch Hill Landfill is an active Class I Landfill with a municipal solid waste (MSW) design capacity greater than 2.5 million megagrams (Mg) by mass or 2.5 million cubic meters by volume. The Monarch Hill Landfill also has a construction and demolition (C&D) debris portion of the landfill. The overall design capacity of the landfill as of 2015 is 80 million cubic meters and 79 million Mg. There are 391.5 acres permitted to receive MSW and 44.5 acres for ash monofill. Of the 44.5 acres for the ash monofill, 31 acres are converted to the C&D debris landfill. This landfill began receiving solid waste in 1965. The Class I Landfill has a gas collection system and three flares, two enclosed flares and an open flare.

Landfill gases (LFGs) generated from waste are collected by a gas collection system and routed to the enclosed flares or to a gas treatment plant. The LFGs from the gas treatment plant are directed to the combustion turbines for subsequent use in the electrical power generation plant. Although the open flare is currently used as an aid to starting the turbines, the owner or operator has the option to use it as a primary control device if deemed necessary.

LFGs are primarily composed of methane (CH₄) and carbon dioxide (CO₂), but also contain non-methane organics (NMOC), volatile organic compounds (VOCs), hazardous air pollutants (HAPs), and hydrogen sulfide (H₂S). Sulfur dioxide (SO₂) and nitrogen oxides (NO_x) emissions are generated from the combustion of LFGs in the combustion turbines, the enclosed flares and the open flare. Particulate matter (PM) emissions are generated from sources such as fugitive dust from roads, earthmoving activities and waste placement and compaction activities.

Also included at the facility are miscellaneous insignificant emissions units and/or activities.

The purpose of this project is to renew Title V air operation permit No. 0112094-008-AV. Details of the project are provided in the application and the Statement of Basis.

Permitting Authority: Applications for Title V air operation permits for facilities that contain acid rain units are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210 and 62-213 of the Florida Administrative Code (F.A.C.).

The proposed project is not exempt from air permitting requirements and a Title V air operation permit is required to operate the facility. The Office of Permitting and Compliance is the Permitting Authority responsible for making a permit determination for this project. The Permitting Authority's physical address and mailing address is: 2600 Blair Stone Road, MS #5505, Tallahassee, Florida 32399-2400. The Permitting Authority's telephone number is 850/717-9000.

Project File: A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at the address indicated above for the Permitting Authority. The complete project file includes the draft/proposed Title V air operation permit, the Statement of Basis, the application, and the information submitted by the applicant, exclusive of confidential

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records under Section 403.111, F.S. Interested persons may view the draft/proposed Title V air operation permit by visiting the following web site: <https://fldep.dep.state.fl.us/air/emission/apds/default.asp> and entering the permit number shown above. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address or phone number listed above.

Notice of Intent to Issue Air Permit: The Permitting Authority gives notice of its intent to issue a draft/proposed Title V air operation permit for the project described above. The applicant has provided reasonable assurance that operation of the existing equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a final permit in accordance with the conditions of the draft/proposed Title V air operation permit unless a response received in accordance with the following procedures results in a different decision or a significant change of terms or conditions.

Public Notice: Pursuant to Section 403.815, F.S. and Rules 62-110.106 and 62-210.350, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Public Notice of Intent to Issue Air Permit (Public Notice). The Public Notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected by this project. The newspaper used must meet the requirements of Sections 50.011 and 50.031, F.S. in the county where the activity is to take place. If you are uncertain that a newspaper meets these requirements, please contact the Permitting Authority at the above address or phone number. Pursuant to Rule 62-110.106(5) and (9), F.A.C., the applicant shall provide proof of publication to the Permitting Authority at the above address within 7 days of publication. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rule 62-110.106(11), F.A.C.

Comments: The Permitting Authority will accept written comments concerning the draft/proposed Title V air operation permit for a period of 30 days from the date of publication of the Public Notice. Written comments must be received by the close of business (5:00 p.m.), on or before the end of this 30-day period by the Permitting Authority at the above address. As part of his or her comments, any person may also request that the Permitting Authority hold a public meeting on this permitting action. If the Permitting Authority determines there is sufficient interest for a public meeting, it will publish notice of the time, date, and location in the Florida Administrative Register (FAR). If a public meeting is requested within the 30-day comment period and conducted by the Permitting Authority, any oral and written comments received during the public meeting will also be considered by the Permitting Authority. If timely received written comments or comments received at a public meeting result in a significant change to the draft/proposed Title V air operation permit, the Permitting Authority shall issue a revised draft/proposed Title V air operation permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection. For additional information, contact the Permitting Authority at the above address or phone number.

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this Written Notice of Intent to Issue Air Permit. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the attached Public Notice or within 14 days of receipt of this Written Notice of Intent to Issue Air Permit, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. A petition for administrative hearing must contain the information set forth below and must be filed (received) with the Agency Clerk in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, Agency_Clerk@dep.state.fl.us, before the deadline. 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 approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205,

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F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based 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, any email address, telephone number, and any facsimile number of the petitioner; the name, address, any email address, telephone number, and any facsimile 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 will be affected by the agency determination; (c) A statement of when and how each petitioner received notice of the agency action or proposed 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 the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes 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 the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority'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 Permitting Authority's final action may be different from the position taken by it in this Written Notice of Intent to Issue Air Permit. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation: Mediation is not available in this proceeding.

EPA Review: EPA has agreed to treat the draft/proposed Title V air operation permit as a proposed Title V air operation permit and to perform its 45-day review provided by the law and regulations concurrently with the public comment period, provided that the applicant also transmits an electronic copy of the required proof of publication directly to EPA at the following email address: ouendo.ana@epa.gov. Although EPA's 45-day review period will be performed concurrently with the public comment period, the deadline for submitting a citizen petition to object to the EPA Administrator will be determined as if EPA's 45-day review period is performed after the public comment period has ended. The final Title V air operation permit will be issued after the conclusion of the 45-day EPA review period so long as no adverse comments are received that results in a different decision or significant change of terms or conditions. The status regarding EPA's 45-day review of this project and the deadline for submitting a citizen petition can be found at the following web site address: <http://www2.epa.gov/caa-permitting/florida-proposed-title-v-permits>.

Objections: Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 days of the expiration of the Administrator's 45-day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to the issuance of any Title V air operation permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30-day public comment period provided in the Public Notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460. For more information regarding EPA review and objections, visit EPA's Region 4 web site at <http://www2.epa.gov/caa-permitting/florida-proposed-title-v-permits>.

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Executed in Tallahassee, Florida

For:

Jeffery F. Koerner, Deputy Director
Division of Air Resource Management

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Written Notice of Intent to Issue Permit package (including the Public Notice, the Statement of Basis, and the Draft/Proposed Title V Air Operation Permit), or a link to these documents available electronically on a publicly accessible server, was sent by electronic mail with received receipt requested before the close of business on the date indicated below to the following persons:

Mr. Jeff Roccapriore, Waste Management: jroccapr@wm.com
Mr. Craig Ash, Waste Management: cash1@wm.com
Ms. Lindsey E. Kennelly, P.E., Carlson Environmental Consultants, PC: lkennelly@cecenv.com
Mr. Scott Trainor, Southeast District Office: scott.trainor@dep.state.fl.us
Mr. Robert Wong, Broward County: rwong@broward.org
Ms. Ana Oquendo-Vazquez, U.S. EPA Region 4: oquendo.ana@epa.gov
Ms. Natasha Hazziez, U.S. EPA Region 4: hazziez.natasha@epa.gov
Ms. Lynn Searce, DEP OPC: lynn.searce@dep.state.fl.us

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date,
pursuant to Section 120.52(7), Florida Statutes, with the
designated agency clerk, receipt of which is hereby
acknowledged.