Title V Air Operation Permit Revision
Permit No. 0950113-008-AV

APPLICANT

The applicant for this project is Orange County Board of County Commissioners. The applicant's responsible official and mailing address are: James Becker, Orange County Solid Waste Manager, Orange County Board of County Commissioners, Orange County Solid Waste Management Facility, 9150 Curry Ford Road, Orlando, Florida 32825.

FACILITY DESCRIPTION

The applicant operates the existing Orange County Solid Waste Management Facility, which is located in Orange County at 5901 Young Pine Road, Orlando, Florida.

This facility is a municipal solid waste disposal facility (landfill) that has been in operation since 1974. The facility consists of closed and active Class I and Class III landfill cells. The design capacity of the landfill is greater than 2.5 million megagrams by mass or 2.5 million cubic meters by volume. It is an active asbestos waste disposal site. There is no bioreactor at the landfill. Non-methane organic compound (NMOC) emissions are calculated to be equal to or greater than 50 megagrams per year. Landfill gas emissions are collected and controlled by a flare. The facility also has five emergency generators used to provide power during outages.

This facility also includes miscellaneous unregulated/insignificant emissions units and/or activities.

PROJECT DESCRIPTION

The purpose of this permitting project is to revise the existing Title V permit for the above referenced facility. The revision incorporates the provisions of Air Construction Permit No. 0950113-007-AC, Landfill Gas Collection System (Cell 2) with Candlestick Flare.

PROCESSING SCHEDULE AND RELATED DOCUMENTS

- Initial Title V Air Operation Permit issued April 16, 1998
- Title V Air Operation Permit Renewal issued March 31, 2011
- Application for a Title V Air Operation Permit Revision received January 14, 2014

PRIMARY REGULATORY REQUIREMENTS

Standard Industrial Classification (SIC) Code: 4953 – Refuse Systems.

HAP: The facility is not identified as a major source of hazardous air pollutants (HAP).

Title V: The facility is a Title V major source of air pollution in accordance with Chapter 62-213, Florida Administrative Code (F.A.C.).

NSPS: The facility operates units subject to the New Source Performance Standards (NSPS) of 40 Code of Federal Regulations (CFR) 60.

NESHAP: The facility operates units subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) of 40 CFR 63.

GHG: The facility is not identified as a major source of green house gas (GHG) pollutants.

PROJECT REVIEW

The revision incorporates the provisions of Air Construction Permit No. 0950113-007-AC, Landfill Gas Collection System (Cell 2) with Candlestick Flare, as **Section III, Subsection D.** The revision also incorporates recent rule changes governing Title V Annual Emissions Fees and the Annual Operating Report which are now effective. This rule change affects conditions **FW6.** and **FW7.** of Section II – Facility-wide Conditions of the

permit. This rule change also affects part of "Appendix RR, Facility-wide Reporting Requirements". An update to this appendix was made on January 10, 2014 and the updated version has been included in the "Appendices".

CONCLUSION

This project revises Title V air operation permit No. 0950113-006-AV, which was effective on March 31, 2011. This Title V air operation permit revision is issued under the provisions of Chapter 403, Florida Statues (F.S.), and Chapters 62-4, 62-210, and 62-213, F.A.C.