Title V Air Operation Permit Renewal
Permit No. 0610051-004-AV

APPLICANT

The applicant for this project is Indian River County, Solid Waste Disposal District. The applicant's responsible official and mailing address are:

Mr. Himanshu H. Mehta, P.E., Managing Director
Indian River County Solid Waste Disposal District, Indian River County Landfill
1325 74th Avenue S.W.
Vero Beach, Florida 32968

FACILITY DESCRIPTION

The applicant operates the Indian River County Landfill, which is located at 1325 74th Avenue S.W., Vero Beach, Florida.

The Indian River County Landfill is identified as emissions unit 003 (E.U. 003). The landfill is a Class I landfill occupying an area of approximately 70 acres, comprising of Segments 1 and 2, and infill connecting Segments 1 and 2. The landfill produces fugitive emissions of landfill gas controlled by a landfill gas collection and control system (LGCCS) consisting of vertical and horizontal extraction wells, a network of pipelines, and a flare system. The flare system includes three (3) blowers that maintain the landfill under vacuum. Landfill gas is pulled by the vacuum to the flare where combustible components are oxidized to CO_2 and H_2O.

Also included in this permit are miscellaneous unregulated/insignificant emissions units and/or activities.

PROJECT DESCRIPTION

The purpose of this permitting project is to renew the existing Title V permit for the above referenced facility.

PROCESSING SCHEDULE AND RELATED DOCUMENTS

Application for a Title V Air Operation Permit Renewal received **January 04, 2012**
Additional Information Request dated **February 20, 2012**
Additional Information Response received **February 22, 2012**
Notice of Intent to Issue Air Permit issued **May 23, 2012**
Public Notice Published **May 30, 2012**

PRIMARY REGULATORY REQUIREMENTS

Title III: 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.).

PSD: The facility is not a Prevention of Significant Deterioration (PSD)-major source of air pollution in accordance with Rule 62-212.400, F.A.C.

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

- 40 CFR Part 60, Subparts A (General Provisions) and WWW (Standards of Performance for Municipal Solid Waste Landfills).
- 40 CFR Part 60, Subpart IIII (Standards of Performance for Compression Ignition Internal Combustion Engines) for the Emergency Standby Generator.

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

- 40 CFR Part 63, Subparts A (General Provisions) and AAAA (NESHAP for Municipal Solid Waste Landfills).
- 40 CFR Part 63, Subpart ZZZZ (NESHAP Stationary Reciprocating Internal Combustion Engines) for the Emergency Standby Generator.

CAIR: The facility is not subject to the Clean Air Interstate Rule (CAIR) set forth in Rule 62-296.470, F.A.C.

CAM: Compliance Assurance Monitoring (CAM) does not apply to the flare at the facility.

PROJECT REVIEW

Changes (double underline indicates added) that were made as part of this renewal include:

(1) List of Insignificant Emissions Units and/or Activities.

1. Three (3) Stationary Petroleum Storage Tanks
2. Stationary diesel powered equipment including: pumps, tub grinder, trommel, wheel remover, tire shredder, wheel remover and conveyor
3. Gasoline and diesel powered mobile sources
4. Fugitive dust from travel and activity on unpaved surfaces
5. Solvent use at the maintenance facility
6. 4,073-gallon fuel storage tank that supplies fuel to the Emergency Standby Generator at bio-solids facility
7. Odor Control System at the bio-solids facility

(2) Added the Emergency Standby Generator as an emission unit (EU 004).

CONCLUSION

This project renews Title V air operation permit No. 0610015-003-AV, which was issued on August 01, 2007. This Title V air operation permit renewal is issued under the provisions of Chapter 403, Florida Statues (F.S.), and Chapters 62-4, 62-210 and 62-213, F.A.C.