Title V Air Operation Permit Revision
Citrus County Central Landfill
DRAFT/PROPOSED Permit No. 0170366-003-AV

APPLICANT

The applicant for this project is the Citrus County Board of County Commissioners. The applicant's responsible official and mailing address are: Mr. Casey Stephens, Director, Citrus County Division of Solid Waste, P.O. Box 340, Lecanto, FL 34460.

FACILITY DESCRIPTION

The applicant operates the Citrus County Central Landfill, which is located at 230 West Gulf to Lake Highway, Lecanto, Citrus County.

The Citrus County Central Landfill consists of a municipal solid waste (MSW) landfill which includes several old closed landfill cells and an active landfill consisting of Phase I and Phase II Class I landfill cells. This landfill currently does not include any bioreactor cells. This landfill has a voluntarily installed (i.e., not required by State or Federal rules or regulations) landfill gas (LFG) collection system. The collected LFG is piped for combustion to a non-NSPS regulated open LFG candlestick flare.

The facility also has miscellaneous existing stationary reciprocating internal combustion engines (RICE) used to power equipment at the facility.

The Emission Units at this facility consist of the following:

E.U. ID No.	Brief Description
001	Municipal Solid Waste Landfill
002	Fugitive PM/PM10 Emissions (Roads and Earthmoving Operations)
003	Existing Stationary CI RICE Engines $\leq$ 300 HP
004	Existing Stationary Emergency Generator CI RICE Engine

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

PROJECT DESCRIPTION

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

PROCESSING SCHEDULE AND RELATED DOCUMENTS

Initial Title V Air Operation Permit for the Citrus County Central Landfill (0170366-001-AV) issued 01/15/2007

Air Construction Permit for a landfill gas (LFG) flare at the Central County Landfill (0170366-002-AC) issued 02/10/09

Application for a Title V Air Operation Permit revision to incorporate the LFG flare at the Citrus County Central Landfill received (electronically as an EPSAP application) on 09/02/2010

Department Request for Additional Information letter sent out electronically on 10/29/10

Response to the Department RAI, from the applicant's consultant, SCS Engineers, dated 12/11/10 and received on 12/27/10

PRIMARY REGULATORY REQUIREMENTS

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

Title V: The facility is not a Title V major source of air pollution in accordance with Chapter 62-213, Florida Administrative Code (F.A.C.), but is subject to the Title V permitting requirements of Chapter 213, F.A.C. in accordance with Rule 62-204.800(8)(b)75. (40 CFR 60 Subpart WWW, Municipal Solid Waste Landfills), 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. *(The MSW Landfill, EU 001 is subject to 40 CFR 60 Subpart WWW.)*

NESHAP: The facility does operate units subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) of 40 CFR 63. (*The stationary RICE engines (EU Nos. 003 and 004) are subject to 40 CFR 63 Subpart ZZZZ, as amended on 08/20/2010, as existing CI RICE at an area source of HAP.)*

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 any of the units at the facility as the only emission control device is the voluntarily installed LFG flare and there are no applicable emission limitations on the MSW landfill.

PROJECT REVIEW

The subject of this permit revision is to incorporate the terms and conditions of Air Construction Permit No. 0170366-002-AC for a voluntary (i.e., not required by NSPS Subpart WWW) LFG candlestick flare. This emissions unit has been built and has met the construction permit requirements.

Also as part of this revision, NESHAP 40 CFR 63 Subpart ZZZZ (National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines), as revised on March 3, 2010, June 30, 2010, and August 30, 2010, is being incorporated into the facility operation permit. To accomplish this part of the revision, a new emissions unit section was added for new EU Nos. 003 and 004 (Section III, Subsection B.).

CONCLUSION

This project revises Title V Air Operation Permit No. 0170366-001-AV, which was issued/effective on 01/15/2007. 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, 62-213, F.A.C.

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