Title V Air Operation Permit Renewal
Permit No. 0710236-004-AV

APPLICANT

The applicant for this project is Bonita Springs Utilities, Inc. The applicant's responsible official and mailing address are: Mr. Michael J. Liggins, P.E., Engineering Director, Bonita Springs Utilities, Inc., 11860 East Terry Street, Bonita Springs, Florida 34135.

FACILITY DESCRIPTION

The applicant operates the Bonita Springs East Water Reclamation Facility, which is located in Lee County on Wellfield Road, immediately East of Highway I-75 and North of Terry Street, Bonita Springs, Florida.

The existing facility consists of a sewage sludge drying system to produce a pellet product that meets Class A biosolids requirements. Two wet scrubbers control particulate matter emissions from the dryer and from the bins and conveyors internal to the dryer. The exhaust from the wet scrubbers is discharged to a main plant odor control system whose main function is to control hydrogen sulfide. A baghouse controls the particulate matter (PM) emissions from two storage silos and truck load-outs on each silo.

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 and to incorporate air construction permit no. 0710236-003-AC and an emergency engine subject to 40 CFR 63 Subpart ZZZZ for the above referenced facility

PROCESSING SCHEDULE AND RELATED DOCUMENTS

Initial Title V Air Operation Permit issued **March 17, 2008**
Application for a Title V Air Operation Permit Renewal received **August 3, 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 not operate units subject to the New Source Performance Standards (NSPS) of 40 Code of Federal Regulations (CFR) 60.

NESHAP: The facility does operate units subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) of 40 CFR 63 and 40 CFR 61.

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

PROJECT REVIEW

Changes that were made as part of this renewal include reformatting, replacement of TV-6 with new Appendix TV, incorporation of air construction permit No. 0710236-003-AC, adding an emergency engine as an emissions unit, and adding Appendixes NESHAP A and ZZZZ. Changes also included the removal of Appendix U-1, List of Unregulated Emissions Units/or Activities, and removal of the odor control system (EU002) as an unregulated emissions unit. The odor control system is not an unregulated emissions unit or an activity. There are no applicable requirements for the odor control system.

CONCLUSION

This project renews Title V air operation permit No. 0710236-002-AV, which was issued on March 17, 2008. 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.