FINAL DETERMINATION

PERMITTEE

University of Florida
Animal Resource Department
Post Office Box 100006
Gainesville, Florida 32610

PERMITTING AUTHORITY

Florida Department of Environmental Protection
Waste and Air Resource Management Program
Northeast District Office
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256

PROJECT

Final Air Permit No. 0010072-005-AC
Minor Source Air Construction Permit
Progress Park Facility
Simonds Biological Waste Incinerator

The applicant, University of Florida, Animal Resource Department Progress Park Facility, applied on November 21, 2013 to the Permitting Authority for a permit to:

1). Authorize the installation of a Program Logic Controller (PLC) to the existing Simonds 604L Biological Waste Incinerator. Modification includes the installation of a Siemens S7-1200CPU (1215C) with a SM1231 thermocouple module and a KTP600 mono touch screen. The Siemens S7-1200 CPU will accept the weight scale's analog output which will monitor the charge weight (495lbs/hr). Each load will be weighed and logged into the PLC controller. If the total of the weight exceeds 495lbs/hr the machines PLC will not allow load to charge enabling CPU controlled mechanical lock out of the loading process.

2). Establish a restriction of 495lbs/hr. maximum incinerator operating rate (applicant request).

3). Authorize a change to the PM emissions limiting standards from 0.030 grains per dry standard cubic feet of flue gas corrected to 7% O_2 (Rule 62-296.401(4) (b) 3a. F.A.C.), to 0.100 grains per dry standard cubic feet of flue gas corrected to 7% O_2 (Rule 62-296.401(4) (b) 2a. F.A.C).

NOTICE AND PUBLICATION

The Department distributed a draft minor source air construction permit package on December 20, 2013. The Public Notice of Intent to Issue Permit was published in the Gainesville Sun on January 02, 2014. Proof of publication of the Public Notice of Intent to Issue Permit was received by the Permitting Authority on January 08, 2014.

COMMENTS

No comments on the Draft Permit were received from the public, the EPA Region 4 Office or the applicant.

CONCLUSION

The final action of the Permitting Authority is to issue Air Construction Permit No.: 0010072-005-AC as proposed in the Technical Evaluation and Preliminary Determination.