FINAL DETERMINATION

PERMITTEE

Solid Waste Authority of Palm Beach County
7501 North Jog Road
West Palm Beach, FL 33412

PERMITTING AUTHORITY

Florida Department of Environmental Protection (Department)
Division of Air Resource Management
Office of Permitting and Compliance
2600 Blair Stone Road, MS #5505
Tallahassee, Florida 32399-2400

PROJECT

Permit No. 0990234-028-AC/PSD-FL-413B
Air Construction Permit
Revisions to Previously Issued AC/PSD Permits

PUBLIC NOTICE

The Department distributed a draft air construction permit package on July 29, 2013. The applicant published the Public Notice in the The Palm Beach Post in Palm Beach County, Florida on August 7, 2013. The Department received the proof of publication on August 13, 2013.

No requests for an administrative hearing or requests for an extension of time in which to file a petition for an administrative hearing were received by the Agency Clerk in the Department's Office of General Counsel.

COMMENTS

No comments on the permit were received from the public or the U.S. EPA Region 4 Office during the 14-day public comment period. Comments on the permit were received from the Applicant during the 14-day public comment period. The comments are addressed below.

All changes are emphasized with yellow highlight in this document only. Additions to the permit are indicated below by double underline. Deletions from the permit are indicated below by ~~strike through~~.

Comments from the Applicant submitted via email on August 15, 2013

Comments

1. Specific Condition 2.3. of the Draft Permit (page 6 of 27). The applicant indicated that one of the references to Appendix CEMS had been left in the draft permit while it was removed elsewhere throughout the draft permit.

***Response*:** The Department makes the requested correction; specific condition 2.3 is corrected to read as follows:

> "3. Appendices: The following Appendices are attached as a part of this permit and the permittee must comply with the requirements of the appendices:
>
> …
>
> ~~Appendix CEMS–Continuous Emissions Monitoring System (CEMS) Requirements;~~
>
> …"

2. Last Sentence in Specific Condition 3.A.28.d. of the Draft Permit (page 16 of 27). The applicant requested the last sentence to be deleted in its entirety or to change it to read as follows:

> "The CEMS ~~shall only~~may be used as the method of demonstrating compliance with~~for~~ the annual mass emission rate."

***Response*:** The permittee may elect to use the Hg CEMS for compliance with the annual emissions rate. The Department makes the requested clarifications/corrections to the last sentence as indicated.

3. Third Sentence in Specific Condition 3.A.28.d. of the Draft Permit (page 16 of 27). The applicant requested the third sentence to be amended as follows:

> "If the calibration system associated with Hg CEMS is not able to conform to the above referenced data quality assurance procedures, then the owner or operator shall propose alternate quality assurance procedures in a CEMS Operation Plan specifically for the Hg CEMS."

***Response*:** That was what had been implied in the third sentence; the Department makes the requested clarification.

4. Specific Condition 3.B.1. of the Draft Permit (page 19 of 27). The applicant indicated that the facility's design specifications are now for smaller lime silos than originally planned.

***Response*:** The Department makes the requested change/correction. Specific condition 3.B.1. is changed/corrected to read as follows:

> "1. Storage Silos: The permittee is authorized to construct three lime storage silos and one activated carbon storage silo. Each silo will have a volume of approximately ~~9,000 to 11,000~~4,000 to 5,000 cubic feet."

5. Specific Condition 3.D.3. of the Draft Permit (page 23 of 27). The applicant indicated that the updated vendor data sheets have slightly higher ratings for the emergency generator. The emission limits in Specific Condition 3.D.7. of the permit are not affected by this change.

***Response*:** The Department makes the requested change/correction. Specific condition 3.D.3. is changed/corrected to read as follows:

> "3. Emergency Generator: The permittee is authorized to install, operate and maintain one emergency generator with a maximum design rating of ~~2,500~~2,800 kW (3,364~~3~~,705 hp) or smaller. [Application No. 0990234-017-AC; Permit No. 0990234-023-AC/PSD-FL-413A; and Rules 62-210.200 (PTE) and 62-212.400 (BACT), F.A.C.]"

CONCLUSION

The final action of the Department is to issue the permit with the administrative corrections and/or clarifications as noted above.