PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT

Florida Department of Environmental Protection
Southeast District Offie
Draft/Proposed Permit No. 0250476-012-AV
Miami-Dade Water and Sewer Department, North District Wastewater Treatment Plant
Miami-Dade County, Florida

Applicant: The applicant for this project is the Miami-Dade Water and Sewer Department. The applicant's responsible official and mailing address are: Mr. Rafael A. Terrero, Assistant Director - Water System Operations, Miami-Dade Water and Sewer Department, Central District Wastewater Treatment Plant P.O. Box 330316; Miami, Florida 33233-0316.

Facility Location: The applicant operates the existing Central District Wastewater Treatment Plant, which is located in Miami-Dade County at 3869 Rickenbacker Causeway on Virginia Key.

Project: The applicant applied on September 15, 2014 to the Department for a Title V air operation permit renewal and revision. This is a renewal and revision of Title V air operation permit No. 0250476-010-AV. The existing facility consists of a Publicly Owned Treatment Works (POTW), and consists of two parallel wastewater treatment trains that provide primary and secondary wastewater treatment for municipal sewage generated in the Central portions of Miami-Dade County. Train No. 1 is rated at 60 million gallons per day (MGD) annual average flow and Train No. 2 is rated at 83 MGD annual average flow. The total facility is rated at 143 MGD annual average daily flow. The liquid processes is designated as Emissions Unit (EU) 008 that consist of aerated grit chambers, oxygenation tanks, sludge concentration tanks, secondary clarifiers, and chlorine contact basins.

Electricity for in-plant operations is produced by two nominal 1.2 MW Cooper Superior Digester Gas Electric Cogenerator engines (model 16GTLB) designated as EU 007, 009, and two nominal 1.2 MW Superior Digester Gas Electric Cogenerator engines (model 16GTLD) designated as 021, and 022. EU's 021 and 022 replaced EU's 010 and 011 which were removed. Backup emergency power is provided by three nominal 2.5 Megawatt (MW) diesel engine-driven electric standby generators (model EMD 20-645E4B) designated as EU 013, 014, and 015; and two nominal 2.865 MW diesel engine electric standby generators, (model 20-645F4B) designated as EU 019 and 020. A 37 HP Diesel Engine, designated at EU 023, is available to provide compressed air to start the emergency generators in the event all electrical power is lost at the facility. In addition, there are eleven digester gas flares at the facility designated as EU 018.

There is an agreement with the local utility, that the facility provide peak shaving or non-emergency demand response, in exchange for financial incentives to the facility. Because of this agreement, per Federal Rule 40 CFR 63 Subpart ZZZZ, the existing diesel driven standby generators (EU 013, 014, 015, 019 and 020) are considered to be non-emergency engines, and therefore require the installation of oxidation catalysts. The 37 HP Diesel Engine (EU023) is now regulated by the Federal Regulation 40 CFR 63 Subpart ZZZZ and incorporated as such in this permit.

The existing diesel generators and emergency diesel compressor are now regulated by the new federal rule 40 CFR 63 Subpart ZZZZ, which mandates that the diesel generators are fitted with oxidation catalyst control systems. The Compliance Plan (see Appendix CP) describes the scheduled installation of these control units. This permit adds the conditions associated with Subpart ZZZZ for these diesel engines, which are now regulated units. The permit also incorporates the conditions from the construction permit 0250476-011-AC for the two new cogenerator engines EU 021 and 022, as well as miscellaneous unregulated/insignificant emissions units and/or activities.

Permitting Authority: Applications for Title V air operation permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210, 62-213 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and a Title V air operation permit is required to operate the facility. The Department of Environmental Protection's Air

Resource Section in the Southeast District Office is the Permitting Authority responsible for making a permit determination for this project. The Permitting Authority's physical address is: 3301 Gun Club Road, West Palm Beach, Florida 33406. The Permitting Authority's mailing address is: 3301 Gun Club Road, MSC 7201-1, West Palm Beach, Florida 33406. The Permitting Authority's telephone number is 561-681-6600.

Project File: A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at the address indicated above for the Permitting Authority. The complete project file includes the draft/proposed permit, the statement of basis, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may view the draft permit by visiting the following website: http://www.dep.state.fl.us/air/emission/apds/default.asp and entering the permit number shown above. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address or phone number listed above.

Notice of Intent to Issue Permit: The Permitting Authority gives notice of its intent to issue a draft/proposed Title V air operation permit renewal and revision to the applicant for the project described above. The applicant has provided reasonable assurance that continued operation of the existing equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a final permit in accordance with the conditions of the draft/proposed permit unless a response received in accordance with the following procedures results in a different decision or a significant change of terms or conditions.

Comments: The Permitting Authority will accept written comments concerning the draft/proposed Title V air operation permit for a period of 30 days from the date of publication of the Public Notice. Written comments must be received by the close of business (5:00 p.m.), on or before the end of this 30-day period by the Permitting Authority at the above address. As part of his or her comments, any person may also request that the Permitting Authority hold a public meeting on this permitting action. If the Permitting Authority determines there is sufficient interest for a public meeting, it will publish notice of the time, date, and location in the Florida Administrative Weekly (FAW). If a public meeting is requested within the 30-day comment period and conducted by the Permitting Authority, any oral and written comments received during the public meeting will also be considered by the Permitting Authority. If timely received written comments or comments received at a public meeting result in a significant change to the draft/proposed permit, the Permitting Authority shall issue a revised draft/proposed permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection. For additional information, contact the Permitting Authority at the above address or phone number.

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this Written Notice of Intent to Issue Air Permit. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the attached Public Notice or within 14 days of receipt of this Written Notice of Intent to Issue Air Permit, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address and telephone number of the petitioner; the name address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial rights will be affected by the agency determination; (c) A statement of when and how the petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this Public Notice of Intent to Issue Air Permit. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation: Mediation is not available for this proceeding.

EPA Review: EPA has agreed to treat the draft/proposed Title V air operation permit as a proposed Title V air operation permit and to perform its 45-day review provided by the law and regulations concurrently with the public comment period, provided that the applicant also transmits an electronic copy of the required proof of publication directly to EPA at the following email address: oquendo.ana@epa.gov.. Although EPA's 45-day review period will be performed concurrently with the public comment period, the deadline for submitting a citizen petition to object to the EPA Administrator will be determined as if EPA's 45-day review period is performed after the public comment period has ended. The final Title V air operation permit will be issued after the conclusion of the 45-day EPA review period so long as no adverse comments are received that result in a different decision or significant change of terms or conditions. The status regarding EPA's 45–day review of this project and the deadline for submitting a citizen petition can be found at the following website address: http://www.epa.gov/region4/air/permits/florida.htm.

Objections: Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 days of the expiration of the Administrator's 45-day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to the issuance of any Title V air operation permit. Any petition shall be based only on objections to the Permit that were raised with reasonable specificity during the 30-day public comment period provided in the Public Notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. Environmental Protection Agency, Office of the Administrator, 1200 Pennsylvania Avenue, N.W., Mail Code: 1101A, Washington, DC 20460. For more information regarding EPA review and objections, visit EPA's Region 4 web site at http://www.epa.gov/region4/air/permits/florida.htm.