FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Southeast District Office
400 North Congress Avenue, 3rd Floor
West Palm Beach, Florida 33401
561-681-6600

RICK SCOTT
GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

FEDERALLY ENFORCEABLE STATE AIR OPERATION PERMIT

Sent by Electronic Mail – Received Receipt Requested
tkarda@broward.org

ISSUED TO:

Broward County Water and Wastewater Services
North Regional Wastewater Treatment Plant
2555 West Copans Road
Pompano Beach, FL 33069

ARMS No.: 0112357
Permit No: 0112357-013-AF
Issued: August XX, 2013
Expires: August XX, 2018

Authorized Representative
Mr. Terry Karda, Division Director

A renewal application must be submitted by: June XX, 2018

LOCATED AT: 2555 West Copans Road, Pompano Beach, Florida 33069

PROJECT DESCRIPTION: FESOP Renewal for the Broward County North Regional Wastewater Treatment Plant
SIC: Wastewater Treatment Plant (SIC # 4952)

UTM/ Lat-Long: Zone 17; 583.49 Km. E; 2905.01 Km. N ″ Lat. 26° 15' 50" N Long 80° 09' 20" W

STATEMENT OF BASIS:

The Department of Environmental Protection Southeast District Office issues this permit under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Rules 62-4, and 62-204 through 62-297, and in conformance with all existing regulations of the Florida Department of Environmental Protection. The above named owner or operator is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department, in accordance with the terms and conditions of this permit.

Sincerely,

_____ _____
Jill S. Creech, P.E. Date
Southeast District Director

JSC/JKS/JL/lh /sdt

SECTION I -- SUMMARY INFORMATION

PERMIT HISTORY

- Permit No. 0112357-002-AF issued August 27, 1998.
- Permit No. 0112357-003-AC issued January 12, 2001.
- Permit No. 0112357-004-AF issued June 13, 2001. (Permit Revision)
- Permit No. 0112357-005-AF issued November 29, 2001. (Permit Revision)
- Permit No. 0112357-006-AF issued November 12, 2003.
- Permit No. 0112357-007-AC issued May 11, 2005.
- Permit No. 0112357-008-AF issued May 11, 2005.
- Permit No. 0112357-009-AC issued June 26, 2006.
- Permit No. 0112357-010-AC, Permit Etx. Issued April 24, 2007.
- Permit No. 0112357-011-AC, Permit Etx. Issued April 21, 2008.
- Permit No. 0112357-012-AF issued November 7, 2008.
- Application for air operation permit renewal received April 30, 2013.

PERMIT CONTENT

- Section I: Summary Information
- Section II: Facility-Wide Specific Conditions
- Section III: Emissions Unit Specific Conditions
- Section IV: Appendices
  - *Appendix A*: Abbreviations, Acronyms, Citations and Identification Numbers
  - *Appendix B*: General Permit Conditions

REGULATORY CLASSIFICATIONS

Title III:	The facility is not a major source of hazardous air pollutants (HAP)
Title IV:	The facility does not operate any units subject to the acid rain provisions of the Clean Air Act.
Title V:	The facility is not a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
PSD:	The facility is not a PSD major source in accordance with Rule 62-212.400 F.A.C.
RACT:	The facility is not subject to any RACT requirements.

EMISSIONS UNIT SUMMARY

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION	
001	Liquid Process Units and Solid Handling Process	Active/Unregulated
002	Eight (8) Iron Fireman boilers model No. 36-45-345 fired with digester gas from anaerobic digesters.	Active/Regulated
003	Six (6) Diesel-Fired Emergency Power Generators – Each generator set is rated for 2,000 kilowatts and provide emergency power to the facility during power interruptions including contractual load sharing events. Generators 1, 2, and 3 were replaced in June 2010 and are certified to comply with provisions of 40 CFR Part 63 Subpart ZZZZ. Generators 4, 5, and 6 were installed in June 2001 and are not certified to comply with provisions Subpart ZZZZ. Generator No. 4 is currently out of service and is scheduled to be replaced.	Active/Regulated
004	Two (2) Digester gas flares.	Active/Regulated

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

Conditions in this part generally apply to all emission units and activities covered under this permit.

Administrative Requirements

1.1 Regulating Agencies: All applications, tests, reports, notifications, or other submittals required by this permit shall be submitted to the Florida Department of Environmental Protection, Southeast District Office, street address 400 North Congress Avenue, 3rd Floor, West Palm Beach, Florida, 33401-2913, (phone 561-681-6600 Fax 561/681-6755).

1.2 Citation Format: In this permit, references to F.A.C. Rule 62-xxx refer to rules promulgated under Title 62 of the Florida Administrative Code; references (if any) to 40 CFR 60.xx (or 61.xx or 63.xx) refer to regulations codified under Part 60 (or 61 or 63) of Title 40 of the Code of Federal Regulations.

1.3 Specific and General Conditions: The owner or operator shall be subject to the specific conditions of this permit and the owner or operator shall be aware of, and operate under, the attached General Conditions, attached as Appendix A of this permit. General Conditions are binding and enforceable pursuant to Chapter 403, F.S. [Rule 62-4.160, F.A.C.]

1.4 Applicable Regulations: This facility is subject to regulation of Florida Administrative Code (F.A.C.) Rules 62-4 and 62-204 through 62-297, and 40 CFR 60. **Issuance of this permit does not relieve the facility owner or operator from compliance with any other applicable federal, state or local permitting requirements or other regulations.**

1.5 Other Permits: This air pollution permit does not preclude the owner or operator from obtaining any other types of required permits, licenses or certifications from this Department or other departments or agencies.

1.6 Renewal of This Permit Required: An application for renewal of this operation permit must be submitted to the Department of Environmental Protection, Southeast District Office, Air Program at least 60 days prior to the expiration date of this permit. To apply for an operation permit, the applicant shall submit the appropriate application form in quadruplicate, the appropriate application fee, all required compliance test results, and such additional information as the Department may by law require. [Rules 62-4.030, 62-4.050, and 62-4.220, F.A.C.]

General Pollutant Emission Limiting Standards

2.1 Objectionable Odor Prohibited: No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor. [Rule 62-296.320(2), F.A.C.]

{Permitting note: Objectionable odor is defined as any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance}.

2.2 General Visible Emissions Standard: Unless otherwise specified by permit or rule, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than 20 percent opacity. [Rule 62-296.320(4)(b), F.A.C.]

2.3 Volatile Organic Compounds/Organic Solvents Emissions: No person shall store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. [Rule 62-296.320(1), F.A.C.]

Such controls include the following:

- Tightly cover or close all VOC containers when they are not in use.
- Tightly cover all open tanks that contain VOCs when they are not in use.
- Maintain all pipes, valves, fittings, etc., which handle VOCs in good operating condition.

- Confine rags used with VOCs to tightly closed, fireproof containers when not in use.
- Immediately confine and clean up VOC spills and make sure wastes are placed in closed containers for reuse, recycling or proper disposal.

2.4 Unconfined Emissions of Particulate Matter: No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction, alteration, demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions. [Rule 62-296.320(4)(c), F.A.C.]

Reasonable precautions include the following:

a. Paving and maintenance of roads, parking areas and yards.

b. Application of water or other dust suppressants to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.

c. Application of asphalt, water, or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.

d. Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.

e. Landscaping or planting of vegetation.

f. Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.

g. Confining abrasive blasting where possible.

h. Enclosure or covering of conveyor systems.

2.5 Nitrogen Oxide Emissions Cap: Emissions of nitrogen oxides from the entire facility shall not exceed 90.0 tons in any consecutive 12-month period.
[As Requested by Permittee to avoid Title V (see Permit No. 0112357-009-AC) & Rule 62-4.070(1), F.A.C.]

2.6 Fuel Consumption Limits: The owner or operator is authorized to burn a maximum of 300,000 gallons of diesel fuel in any 12-month rolling total.
[As Requested by Permittee, Rule 62-4.070(1), F.A.C.]

2.7 Hours of Operation: Each generator shall be limited to the following maximum hours of operation in any consecutive 12-month period:

Generator No.	Caterpillar Model #	Hours of Operation	NOx Emission Rates, (lbs/hr)
1	3516C	342	68.16
2	3516C	342	68.16
3	3516C	357	68.16
4	3516	364	86.88
5	3516	364	86.16
6	3516	357	68.16

[As Requested by Permittee to avoid Title V]

Operation Requirements

3.1 Circumvention: No person shall circumvent any air pollution control device, or allow the emission of air pollutants without the applicable air pollution control device operating properly. [Rule 62-210.650, F.A.C.]

3.2 Excess Emissions Requirements [Rule 62-210.700, F.A.C.]

a. Excess emissions resulting from start-up, shutdown or malfunction of these emissions units shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department of Environmental Protection for longer duration. [Rule 62-210.700(1), F.A.C.]

b. Excess emissions, which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure, which may reasonably be prevented during start-up, shutdown, or malfunction, are prohibited. [Rule 62-210.700(4), F.A.C.]

c. In case of excess emissions resulting from malfunctions, the owner or operator shall notify the Air Section of the Southeast District Office of the Florida Department of Environmental Protection within one working day of: the nature, extent, and duration of the excess emissions; the cause of the problem; and the corrective actions being taken to prevent recurrence. [Rule 62-210.700(6), F.A.C.]

Compliance Testing Requirements

4.1 Test Notification: Unless otherwise specified in this permit, the Department of Environmental Protection, Southeast District Office Air Program shall be notified in writing of expected compliance test dates at least fifteen (15) days prior to compliance testing. The notification shall include the following information: the date, time, and location of each test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner. [Rule 62-297.340(1), F.A.C.]

4.2 Testing at Capacity: Compliance testing shall be conducted with the emission units operating at the permitted capacity (90 to 100% of the maximum permitted operation rate of the emission units). If an emissions unit is not tested at permitted capacity, the emission unit shall not be operated above 110% of the test load until a new test showing compliance is conducted. Operation of the emissions unit above 110% of the test load is allowed for no more than 15 days for the purpose of conducting additional compliance testing to regain the authority to operate at the permitted capacity. [Rule 62-297.310(2), F.A.C.]

4.3 Special Compliance Tests: When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard in Rules 62-204 through 62-297 or in a permit issued pursuant to those rules is being violated, it shall require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department. [Rule 62-297.310(7)(b), F.A.C.]

Reporting and Record Keeping Requirements

5.1 Report Excess Emissions: In case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department in accordance with Rule 62-4.130, F.A.C. (condition 5.2 below). A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department. [Rule 62-210.700(6), F.A.C.]

5.2 Report Plant Operation Problems: If the owner or operator is temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the owner or operator shall immediately notify the Department. Notification shall include pertinent information as to the cause of the problem, and what steps are being taken to correct the problem and to prevent its recurrence, and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the owner or operator from any liability for failure to comply with Department rules. [Rule 62-4.130, F.A.C.]

5.3 Retain Records: All records required by this permit shall be kept by the owner or operator and made available for Department inspection for a minimum of five (5) years from the date of such records. [Rule 62-4.070(3), F.A.C. & 62-210.370(2)(h)]

5.4 Compliance Test Reports: Compliance test reports shall be submitted to the Department of Environmental Protection, Southeast District Office, Air Compliance Section, as soon as practical, but no later than 45 days after the last sampling run of each test is completed.

Test reports shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department to determine if the test was properly conducted and the test results properly computed. As a minimum, the test report, other than for an EPA or DEP Method 9 test, shall provide the following information:

a. The type, location, and designation of the emissions unit tested.
b. The facility at which the emissions unit is located.
c. The owner or operator of the emissions unit.
d. The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
e. The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.
f. The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.
g. A sketch of the duct within 8 stack diameters upstream and 2 stack diameters downstream of the sampling ports, including the distance to any upstream and downstream bends or other flow disturbances.
h. The date, starting time and duration of each sampling run.
i. The test procedures used, including any alternative procedures authorized pursuant to Rule 62-297.620, F.A.C. Where optional procedures are authorized in this chapter, indicate which option was used.
j. The number of points sampled and configuration and location of the sampling plane.
k. For each sampling point for each run, the dry gas meter reading, velocity head, pressure drop across the stack, temperatures, average meter temperatures and sample time per point.
l. The type, manufacturer and configuration of the sampling equipment used.
m. Data related to the required calibration of the test equipment.
n. Data on the identification, processing and weights of all filters used.
o. Data on the types and amounts of any chemical solutions used.
p. Data on the amount of pollutant collected from each sampling probe, the filters, and the impingers, are reported separately for the compliance test.
q. The names of individuals who furnished the process variable data, conducted the test, analyzed the samples and prepared the report.
r. All measured and calculated data required to be determined by each applicable test procedure for each run.
s. The detailed calculations for one run that relate the collected data to the calculated emission rate.
t. The applicable emission standard, and the resulting maximum allowable emission rate for the emissions unit, plus the test result in the same form and unit of measure.
u. A certification that, to the knowledge of the owner or his authorized agent, all data submitted are true and correct. When a compliance test is conducted for the department or its agent, the person who conducts the test shall provide the certification with respect to the test procedures used. The owner or his authorized agent shall certify that all data required and provided to the person conducting the test are true and correct to his knowledge.

[Rules 62-297.310(8)(a), (b) & (c), F.A.C. & Permit No. 0112357-009-AC]

5.5 Annual Report Required: On or before April 1st of each calendar year, a completed DEP Form 62-210.900(5), Annual Operating Report (AOR) Form for Air Pollutant Emitting Facility shall be submitted to the Department of Environmental Protection Southeast District Office, if the report is submitted using the Department's electronic annual operating report software, there is no requirement to submit a hard copy to the district office. [Rule 62-210.370(3)(c), F.A.C.]

Section III-A – Emissions Unit 001

This part of this permit addresses the following emission unit:

EU No.	Emissions Unit Description	
001	Liquid Process Units and Solids Handling Process	Active/Unregulated

The liquid process includes headwork, aeration tanks, secondary clarifiers, and chlorine contact basins. The solid process includes grit handling, odor control scrubbers, sludge concentration tanks, and primary and secondary anaerobic digesters.

Emission Limiting Standards and Operation

A.1 There are no specific emission limiting standards for emission unit 001

A.2 This emissions unit has a maximum production rate of 95 million gallons per day and uses a gas scrubber for odor control.

A.3 This emissions unit may operate continuously.

Section III-B – Emissions Unit 002

This part of this permit addresses the following emission unit:

EU No.	Emissions Unit Description	
002	Eight (8) Iron Fireman Boilers model No. 36-45-345 fired with digester gas from anaerobic digesters.	Active/Regulated

Essential Potential to Emit (PTE) Parameters

B.1. Fuel Consumption Limits: Fuel burned by the boilers shall be limited to digester gas only.

[Requested by applicant on the application received on December 22, 2004]

Emission Limitations and Operating Requirements

B.2. This emissions unit may operate continuously.

Compliance

B.3 Fuel Consumption & Hours of Operation. The owner or operator shall monitor digester gas consumption by the referenced emission units

Reporting Recordkeeping Requirements

B.4. Monthly Records: The owner/operator shall maintain monthly records to demonstrate compliance with Specific Conditions 2.5 of Section I of this permit. The records shall be completed no later than the 30th day following each month that the record is required to be maintained. The monthly records shall include the following:

a. Total digester gas fired in all the boilers (cubic feet) per month;
b. Monthly nitrogen oxide emissions (tons) from all the boilers; and
c. Consecutive 12-month total of the nitrogen oxide emissions from the all the boilers.
[Rule 62-4.070(3), F.A.C.]

B.5 Annual Report Required: On or before March 1 of each calendar year, a completed DEP Form 62-210.900(5), Annual Operations Report Form for Air Pollutant Emitting Facility, shall be submitted to the Department of Environmental Protection, Southeast District Office, Air Program.
[62-210.370(3), F.A.C.]

B.6 AOR Supplemental Information: The Annual Operating Report shall include the following supplemental information that was recorded in the previous year calendar year:

a. The highest percent sulfur content (by weight) of diesel fuel received
b. The highest 12-month rolling total hours of operation for each unit.
[Rule 62-4.070(3)3, F.A.C.]

B.7. Retain Records: All records required by this permit shall be kept by the owner or operator and made available for Department inspection for a minimum of five (5) years from the date of such records.
[Rule 62-4.070(3), F.A.C. & 62-210.370(2)(h)]

Section III-C – Emissions Unit 003

The specific conditions in this section apply to the following emissions units:

EU No.	Emissions Unit Description		
003	Six (6) Diesel-Fired Emergency Power Generators – Each generator set is rated for 2,000 kilowatts and provide emergency power to the facility during power interruptions including contractual load sharing events. Generators 1, 2, and 3 were replaced in July 2010 and are certified to comply with provisions of 40 CFR Part 63 Subpart ZZZZ. Generators 4, 5, and 6 were installed in June 2001 and are not certified to comply with provisions Subpart ZZZZ. Generator No. 4 is currently out of service.		Active/Regulated
	Generator No.	**Caterpillar Model #**	
	1	3516C	
	2	3516C	
	3	3516C	
	4	3516	
	5	3516	
	6	3516	

The following table provides important details for this emission unit:

Engine Identification	Engine Brake HP	Date of Construction	Model Year	Displacement liters/cylinder (l/c)	Engine Manufacturer	Model No.
EU003 Generator Nos. 1-3	3,622 (2,710 kW)	07/2010	2009	4.312	CAT	3516C
EU003 Generator Nos. 4-6	2847 (2,000 kW)	06/2001	2000	4.312	CAT	3516

*{Permitting Note for Generators 1-3: These CI RICE are regulated under 40 CFR 63, Subpart ZZZZ, NESHAP for Stationary RICE and 40 CFR 60, Subpart IIII, NSPS for Stationary Compression Ignition RICE, adopted in Rules 62.204.800(11)(b) & (8)(b), F.A.C., respectively. This RICE is not a fire pump. This is a "**new**" stationary **non-emergency** CI RICE with a displacement of less than 10 liters per cylinder, located at an area source of HAP, that has been modified, reconstructed or commenced construction on or after 6/12/2006, and that has a post-2007 model year. In accordance with provisions of 40 CFR 63.6590(c)(6), meeting the requirements of 40 CFR 60, Subpart IIII, satisfies compliance with the requirements of Subpart ZZZZ.*

*Permitting Note for Generators 4-6: These CI RICE are regulated under 40 CFR 63, Subpart ZZZZ, NESHAP for Stationary RICE and 40 CFR 60, Subpart IIII, NSPS for Stationary Compression Ignition RICE, adopted in Rules 62.204.800(11)(b) & (8)(b), F.A.C., respectively. This RICE is not a fire pump. This is an "**existing**" stationary **emergency** CI RICE with a displacement of less than 10 liters per cylinder, located at an area source of HAP, that has been modified, reconstructed or commenced construction on or prior to 6/12/2006, and that has a prior to-2007 model year. The facility will have to apply to the department for permit to upgrade these generators for non-emergency use including demand response/load sharing/peak shaving as part of a financial arrangement with the local utility .*

Essential Potential to Emit (PTE) Parameters

C.1. Fuel Consumption Limits: Consumption of diesel fuel for the generators is limited to not more than 300,000 gallons in any 12-month rolling period.
[Requested by Permittee to avoid Title V and Rule 62-4.070(1), F.A.C.]

Emission Limitations and Operating Requirements

C2. Diesel Fuel Certification: The owner or operator shall demonstrate compliance with the fuel oil sulfur content limit for each shipment based on ASTM Methods D4057, D129-91, D2622-94, D4294-90, or the latest edition. The analysis may be performed by the owner or operator, a service contractor retained by the owner or operator, the fuel vendor, or any other qualified agency. The owner or operator may comply with this requirement by receiving records from the fuel supplier that indicate the fuel delivered is undyed which is intended for highway use. The owner or operator shall also monitor the sulfur content of the digester gas in accordance with ASTM Methods.
[Rules 62-297.440(1), & 62-4.070(1), F.A.C.]

Compliance Monitoring

C.3 Nitrogen Oxide (NOx) Emissions: Compliance with the nitrogen oxides emissions limit specified in condition 2.5 of Section I shall be determined by calculation using the monthly hours of operation and the hourly emission rates (in the above table) unless more accurate data is available.
[Rule 62-4.070(3), F.A.C.]

C.4 Hours of Operation: The owner or operator shall equip each engine with an hour meter that records operating hours.
[Rule 62-4.070(1), F.A.C.]

Recordkeeping Requirements

C.5. Monthly Records: The owner/operator shall maintain monthly records to demonstrate compliance with Specific Conditions 2.5, 2.6, and 2.7 of Section I of this permit. The records shall be completed no later than the 30th day following each month that the record is required to be maintained. The monthly records shall include the following:

a. Monthly hours of operation of each engine;
b. Consecutive 12-month rolling total of hours of operation for each engine;
c. Monthly fuel consumption (gallons) for the engines;
d. Consecutive 12-month rolling total of fuel consumption (gallons) for the engines;
e. Fuel Certifications and/or Sulfur Analysis for each shipment;
f. Monthly nitrogen oxide emissions (tons) from all the engines; and
g. Consecutive 12-month total of the nitrogen oxide emissions (tons) from the all the engines.
[Rule 62-4.070(3), F.A.C. and Permit No. 0112357-009-AC]

C.6 Annual Report Required: On or before March 1 of each calendar year, a completed DEP Form 62-210.900(5), Annual Operations Report Form for Air Pollutant Emitting Facility, shall be submitted to the Department of Environmental Protection, Southeast District Office, Air Program.
[62-210.370(3), F.A.C.]

C.7. AOR Supplemental Information: The Annual Operating Report shall include the following supplemental information that was recorded in the previous year calendar year:

a. The highest percent sulfur content (by weight) of diesel fuel received
b. The highest 12-month rolling total hours of operation for each unit.
[Rule 62-4.070(3)3, F.A.C.]

C.8 Retain Records: All records required by this permit shall be kept by the owner or operator and made available for Department inspection for a minimum of five (5) years from the date of such records.
[Rule 62-4.070(3), F.A.C. & 62-210.370(2)(h)]

Section III - D– Emissions Unit 004

This part of this permit addresses the following emission unit:

EU No.	Emissions Unit Description	
004	Two (2) Digester gas flares	Active/Regulated

Essential Potential to Emit (PTE) Parameters

D.1. Fuel Consumption Limits: Fuel burned by the flares shall be limited to digester gas only. [Requested by applicant on the application received on December 22, 2004]

Emission Limitations and Operating Requirements

D.2. This emissions unit may operate continuously.

Compliance

D.3 Fuel Consumption & Hours of Operation. The owner or operator shall monitor digester gas consumption by the referenced emission units. [Rule 62-4.070(3), F.A.C.]

Reporting Recordkeeping Requirements

D.4. Monthly Records: The owner/operator shall maintain monthly records to demonstrate compliance with Specific Conditions 2.5 of Section I of this permit. The records shall be completed no later than the 30th day following each month that the record is required to be maintained. The monthly records shall include the following:

a. Total digester gas fired in the flares (Cubic Feet) per month;
b. Monthly nitrogen oxide emissions (tons) from the flares; and
c. Consecutive 12-month total of the nitrogen oxide emissions (tons) from the flares.

[Rule 62-4.070(3), F.A.C.]

D.5 Annual Report Required: On or before March 1 of each calendar year, a completed DEP Form 62-210.900(5), Annual Operations Report Form for Air Pollutant Emitting Facility, shall be submitted to the Department of Environmental Protection, Southeast District Office, Air Program. [62-210.370(3), F.A.C.]

D.6 AOR Supplemental Information: The Annual Operating Report shall include the following supplemental information that was recorded in the previous year calendar year:

a. The highest percent sulfur content (by weight) of diesel fuel received
b. The highest 12-month rolling total hours of operation for each unit.

[Rule 62-4.070(3)3, F.A.C.]

D.7. Retain Records: All records required by this permit shall be kept by the owner or operator and made available for Department inspection for a minimum of five (5) years from the date of such records. [Rule 62-4.070(3), F.A.C. & 62-210.370(2)(h)]