

South Florida Water Management District
Pump Station S-6

Facility ID No. 0990350
Palm Beach County

Title V Air Operation Permit Revision

Permit No. 0990350-010-AV
(Revision of Title V Air Operation Permit No. 0990350-007-AV)



Permitting & Compliance Authority:

Florida Department of Health Palm Beach County
800 Clematis ST, 4th Floor
West Palm Beach, Florida 33401

Telephone: (561) 837-5900
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September 3, 2015

Title V Air Operation Permit Revision
Permit No. 0990350-010-AV

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Mission:

To protect, promote & improve the health of all people in Florida through integrated state, county & community efforts.



Rick Scott
Governor

John H. Armstrong, MD, FACS
State Surgeon General & Secretary

Vision: To be the Healthiest State in the Nation

PERMITTEE:

South Florida Water Management District
3301 Gun Road Club, Dept. 5300
West Palm Beach, FL 33406

Permit No. 0990350-010-AV
Pump Station S-6
Facility ID No. 0990350
Title V Air Operation Permit Revision

The purpose of this permit is to revise Permit No. 0990350-007-AV for the above referenced facility by incorporating the conditions of Permit No. 0990350-009-AC. Specifically, this permit revision is to add a Cummins liquid propane (LP) generator at the telemetry tower adjacent to Pump Station S-6. This facility is located on the Hillsborough Canal where the northern corner of Water Conservation Area 2-A meets with the western edge of Water Conservation Area 1 (L-6, L-7, L-15, and L-39), near the city of Belle Glade.. The UTM coordinates are Zone 17; 555.23 km E; 2928.06 km N; **Latitude:** 26° 28' 19" N / **Longitude:** 80° 26' 45" W.

The Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-213. The above named permittee is hereby authorized to operate the facility in accordance with the terms and conditions of this permit.

0990350-010-AV Effective Date: **DRAFT**

0990350-010-AV Expiration Date: **09/05/2018**

Renewal Application Due Date: **01/23/2018**

ISSUED BY:

Executed in West Palm Beach, Florida

FLORIDA DEPARTMENT OF HEALTH PALM BEACH COUNTY

DRAFT

Laxmana Tallam, P.E., Environmental Administrator
Air and Waste Section

SECTION I. FACILITY INFORMATION.

Subsection A. Facility Description.

The South Florida Water Management District Pump Station S-6 is an existing facility, which is categorized under Standard Industrial Classification Code No. 9511. Pump Station S-6 is located on the Hillsborough Canal where the northern corner of Water Conservation Area 2-A meets with the western edge of Water Conservation Area 1 (L-6, L-7, L-15, and L-39), near the city of Belle Glade in Palm Beach County, Florida. The UTM coordinates of the existing facility are Zone 555.231 km East, and 2928.06 km North. This site is in an area that is in attainment (or designated as unclassifiable) for all air pollutants subject to National Ambient Air Quality Standards (NAAQS).

Subsection B. Summary of Emissions Units.

ID No.	Status	Emission Unit Description
001	Inactive	STATIONARY INTERNAL COMBUSTION ENGINES – THREE SIX CYLINDER 1240BHP ENGINES DRIVING THREE PUMPS, TWO 252BHP EMERGENCY GENERATORS AND ONE 60 HP DIESEL ENGINE POWERING ONE STANDBY AIR COMPRESSOR
002/003	Exempt/ Insignificant	Volatile Organic Liquid Storage Tanks – Two 25,000-gallon aboveground storage tanks, four 250 gallon aboveground day tanks less than 40 cubic meters in capacity and miscellaneous coating activities.
004	Regulated	One six-cylinder 1240bhp Caterpillar pump engine Model No. 3606, 144-inch vertical propeller, axial flow pump rated at 975 cubic feet of water per second at 8.3 feet of static head. Diesel Fuel consumption is approximately 66 gallons per hour (~9.3 MMbtu/hr) burning ultra-low distillate fuel oil (0.0015% S by wt). Pump Engine #1 [S/N 8RB00403]. Engine Installed ~1999.
005	Regulated	One six-cylinder 1240bhp Caterpillar pump engine Model No. 3606, 144-inch vertical propeller, axial flow pump rated at 975 cubic feet of water per second at 8.3 feet of static head. Diesel Fuel consumption is approximately 66 gallons per hour (~9.3 MMbtu/hr) burning ultra-low distillate fuel oil (0.0015% S by wt). Pump Engine #2 [S/N 8RB00401]. Engine Installed ~1999.
006	Regulated	One six-cylinder 1240bhp Caterpillar pump engine Model No. 3606, 144-inch vertical propeller, axial flow pump rated at 975 cubic feet of water per second at 8.3 feet of static head. Diesel Fuel consumption is approximately 66 gallons per hour (~9.3 MMbtu/hr) burning ultra-low distillate fuel oil (0.0015% S by wt). Pump Engine #3 [S/N 8RB00397]. Engine Installed ~1999.
007	Regulated	252bhp Cummins Onan emergency generator with a fuel consumption of 13 gallons per hour (~1.9 MMbtu/hr), Generator#1 [S/N 46397802] Manufacture Date 05/24/04, [Subject to Subpart ZZZZ].
008	Regulated	252bhp Cummins Onan emergency generator with a fuel consumption of 13 gallons per hour (~1.9 MMbtu/hr), Generator #2 [S/N 60316812] Manufactured in 2004 and rebuilt in 2009 [Subject to ZZZZ].
NEW 009	Regulated	Cummins 79bhp (50Kw) LP Generator with a fuel usage of 270 cubic foot per hour, Maximum Heat Input value of 0.68 mmbtu/hr, Volumetric Flow Rate of 377.5 cfm, Exhaust Temperature of 1204°F. Stack Height is 34.1 feet, Exhaust Diameter is 0.25 feet. Manufactured in 2014. [Subject to 40 CFR 60 Subpart JJJJ & 40 CFR 63 Subpart ZZZZ].

Also included in this permit are miscellaneous insignificant emissions units and/or activities (see Appendix I, List of Insignificant Emissions Units and/or Activities).

SECTION I. FACILITY INFORMATION.

Permit history

May 18, 2015: The Health Department received concurrent application for Air Construction Permit No. (0990350-009-AC) and Title V Air Operation Permit Revision (0990350-010-AV).

June 19, 2015: The Health Department sent Request for Additional Information (RFI).

July 13, 2015: The Health Department received response to RFI.

Subsection C. Applicable Regulations.

Based on the Title V air operation permit revision application received **May 18, 2015**, this facility is not a major source of hazardous air pollutants (HAP). The existing facility is a prevention of significant deterioration (PSD) synthetic-minor source of air pollutants in accordance with Rule 62-212.400, F.A.C. A summary of applicable regulations is shown in the following table.

Regulation
<i>Federal Rule Citations</i>
Title III, The facility is not a major source of hazardous air pollutants (HAPs)
Title IV, The facility will not operate units subject to the acid rain provisions of the Clean Air Act
40 CFR 60, Subpart JJJJ (EU 009)
40 CFR 63, Subpart ZZZZ (EUs 004 – 009)
40 CFR 61 Subpart M, Asbestos
40 CFR 60, Subpart A, NSPS General Provisions (EUs 004-009)
40 CFR 63, Subpart A, NESHAP General Provisions (EU 009)
40 CFR 75, Acid Rain Monitoring Provisions
Clean Air Act (CAA), The facility does not operate units subject to the acid rain provisions of the Clean Air Act (CAA)
<i>State Rule Citations</i>
Chapter 62-213
Rule 62-212.400(PSD)

The following conditions apply facility-wide to all emission units and activities:

FW1. Appendices. The permittee shall comply with all documents identified in Section VI, Appendices, listed in the Table of Contents. Each document is an enforceable part of this permit unless otherwise indicated. **[Rule 62-213.440, F.A.C.]**

Emissions and Controls

FW2. Objectionable Odor Prohibited. No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An “objectionable odor” means 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. **[Rule 62-296.320(2) and 62-210.200(Definitions), F.A.C.]**

FW3. General Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to 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.]**

{Permitting Note: Nothing is deemed necessary and ordered at this time.}

FW4. General Visible Emissions. No person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity equal to or greater than 20% opacity. This regulation does not impose a specific testing requirement. **[Rule 62-296.320(4)(b), F.A.C.]**

FW5. Unconfined 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. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include:

- (1) Paving and maintenance of roads, parking areas and yards.
- (2) Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
- (3) Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
- (4) 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.
- (5) Landscaping or planting of vegetation.
- (6) Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
- (7) Confining abrasive blasting where possible.
- (8) Enclosure or covering of conveyor systems.

[Rule 62-296.320(4)(c), F.A.C.; and, proposed by applicant in Title V air operation permit renewal application received May 18, 2015.]

Annual Reports and Fees

See **Appendix RR**, Facility-wide Reporting Requirements for additional details.

FW6. Electronic Annual Operating Report and Title V Annual Emissions Fees. The information required by the Annual Operating Report for Air Pollutant Emitting Facility [Including Title V Source Emissions Fee Calculation] (DEP Form No. 62-210.900(5)) shall be submitted by April 1 of each year, for the previous calendar year, to the Department of Environmental Protection’s (DEP) Division of Air Resource Management. Each Title V source shall submit the annual operating report using the DEP’s Electronic Annual Operating Report (EAOR) software, unless the Title V source claims a technical or financial hardship by submitting DEP Form No. 62-210.900(5) to the DEP Division of Air Resource Management instead of using the reporting software. Emissions shall be computed in accordance with the provisions of subsection 62-210.370(2), F.A.C. Each Title V source must pay between January 15 and April 1 of each year an

SECTION II. FACILITY-WIDE CONDITIONS.

annual emissions fee in an amount determined as set forth in subsection 62-213.205(1), F.A.C. The annual fee shall only apply to those regulated pollutants, except carbon monoxide and greenhouse gases, for which an allowable numeric emission-limiting standard is specified in the source's most recent construction permit or operation permit. Upon completing the required EAOR entries, the EAOR Title V Fee Invoice can be printed by the source showing which of the reported emissions are subject to the fee and the total Title V Annual Emissions Fee that is due. The submission of the annual Title V emissions fee payment is also due (postmarked) by April 1st of each year. A copy of the system-generated EAOR Title V Annual Emissions Fee Invoice and the indicated total fee shall be submitted to: **Major Air Pollution Source Annual Emissions Fee, Post Office Box 3070, Tallahassee, Florida 32315-3070**. Additional information is available by accessing the Title V Annual Emissions Fee On-line Information Center at the following Internet web site: <http://www.dep.state.fl.us/air/emission/tvfee.htm>. [Rules 62-210.370(3), 62-210.900 & 62-213.205, F.A.C.; and, §403.0872(11), Florida Statutes (2013)]

{Permitting Note: Resources to help you complete your AOR are available on the electronic AOR (EAOR) website at: <http://www.dep.state.fl.us/air/emission/eaor>. If you have questions or need assistance after reviewing the information posted on the EAOR website, please contact the Department by phone at (850) 717-9000 or email at eaor@dep.state.fl.us.}

{Permitting Note: The Title V Annual Emissions Fee form (DEP Form No. 62-213.900(1)) has been repealed. A separate Annual Emissions Fee form is no longer required to be submitted by March 1st each year.}

- FW7.** Annual Statement of Compliance. The permittee shall submit an annual statement of compliance to the compliance authority at the address shown on the cover of this permit within 60 days after the end of each calendar year during which the Title V permit was effective. [Rules 62-213.440(3)(a)2. & 3. and (b), F.A.C.]
- FW8.** Prevention of Accidental Releases (Section 112(r) of CAA). If, and when, the facility becomes subject to 112(r), the permittee shall:
- Submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent electronically through EPA's Central Data Exchange system at the following address: <https://cdx.epa.gov>. Information on electronically submitting risk management plans using the Central Data Exchange system is available at: <http://www2.epa.gov/rmp>. The RMP Reporting Center can be contacted at: RMP Reporting Center, Post Office Box 10162, Fairfax, VA 22038, Telephone: (703) 227-7650.
 - Submit to the permitting authority Title V certification forms or a compliance schedule in accordance with **Rule 62-213.440(2), F.A.C. [40 CFR 68]**.

OPERATING RESTRICTIONS

- FW9.** Permitted Capacity: The permittee shall not allow, cause, suffer or permit the operation of the facility in excess of the following without prior authorization from the Permitting Authority:

Annual Fuel Consumption: Annual fuel consumption for the pump station, including all support equipment, **shall not exceed 751,166 gallons** of diesel per any consecutive 12 months, rolling total.

LP generator – Hours of operation: Annual hours of operation for the LP generator **shall not exceed 800 hours in any consecutive 12 months**, rolling total.

{Permitting Note: The 800 hours of operation results in 0.48 tons per year of NOx emissions from the LP generator. Based on the above limits, the NOx emissions from the facility for (EU004 thru EU008) is 246.24 tons per year using the manufacturer's emission factor for NOx of 4.69 lb/Mmbtu; and 0.48 tons per year from the LP generator using the manufacturer's emission factor of 1.79 lb/mmmbtu for the LP generator (EU009).}

EMISSION LIMITING STANDARD

- FW10.** General Particulate Emission Limiting Standards: Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, the permittee shall not:
- (a) 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 that designated as No. 1 on the Ringelmann Chart (20 percent opacity). **[Rule 62-296.320(4)(b)1., F.A.C.]**
 - (b) If the presence of uncombined water is the only reason for failure to meet the visible emissions standards given in Rule 62-296.320(4)1, F.A.C., such failure shall not be a violation of the rule. **[Rule 62-296.320(4)(b)3, F.A.C.]**
 - (c) All visible emissions test performed pursuant to the requirements of Rule 62-296.320(b)(4)1, F.A.C. shall use EPA Reference Method 9, and shall meet all applicable requirements of Chapter 62-297, F.A.C. **[Rule 62-296.320(4)(b)1, F.A.C.]**

PERFORMANCE STANDARDS

- FW11.** Circumvention: The permittee shall not circumvent air pollution control equipment/methods or allow the emission of air pollutants without the equipment/methods operating properly. **[Rule 62-210.650, F.A.C.]**
- FW12.** Excess Emissions Requirements:
- (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 Health Department 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 permittee shall notify the Health Department 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.]**
 - (d) Considering operational variations in types of industrial equipment operations affected by this rule, the Department may adjust the maximum and minimum factors to provide reasonable and practical regulatory controls consistent with the public interest. **[Rule 62-210.700(5), F.A.C.]**

COMPLIANCE MONITORING REQUIREMENTS

- FW13.** Duration: Unless otherwise specified in this permit, all records and reports required by this permit shall be kept for at least 5 years from the date the information was recorded. **[Rule 62-4.160(14)(b), F.A.C.]**
- FW14.** Test Procedures: All test methods and procedures shall be performed in accordance with the applicable requirements of Chapter 62-297, F.A.C., summarized in **Appendix TR**, (Facility-Wide testing requirements) of this permit. **[Rule 62-297.310, F.A.C.]**
- FW15.** Operational Rate During Testing: Unless otherwise stated in the applicable emission limiting standard for a rule, testing of emissions shall be conducted with the emissions unit operating at permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity. **[Rule 62-297.310(2), F.A.C.]**

SECTION II. FACILITY-WIDE CONDITIONS.

- FW16.** Stack Testing Facilities: The permittee shall install and maintain permanent / temporary stack testing facilities in accordance with the requirements provided in **Appendix TR**, (Facility-Wide testing requirements) of this permit. **[Rule 62-297.310(6), F.A.C.]**
- FW17.** Special Compliance Tests: When the Health 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 contained in a DEP rule or permit 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 Health Department. **[Rule 62-297.310(7)(b), F.A.C.]**

REPORTS REQUIRED

- FW18.** Annual Operations Report: The annual operating report **[DEP Form No. 62-210.900(5)]** shall be submitted to the Health Department by April 1. If the report is submitted, using the DEP's electronic annual operating report software (EAOR), there is no requirement to submit a hardcopy to DEP or the Health Department. **[Rule 62-210.370(3)(c), F.A.C.]**
- FW19.** Excess Emissions Report: If excess emissions occur, the Health Department may request a written summary report of the incident. **[Rules 62-4.130 and 62-210.700(6), F.A.C.]**
- FW20.** Notifications and reports: The permittee shall submit all compliance-related notifications and reports required by this permit to the Health Department and the Florida Department of Environmental Protection's (FDEP) Southeast District Office at:

Department of Health Palm Beach County

Air & Waste Section
Post Office Box 29
800 Clematis Street, 4th Floor
West Palm Beach, Florida 33402-0029
Telephone: (561) 837-5900
Fax: (561) 837-5295

Florida Department of Environmental Protection

Air Program, Southeast District Office
3301 Gun Club Road
West Palm Beach, Florida 33406
Telephone: (561) 681-6600
Fax: (561) 681-6790

U.S. Environmental Protection Agency, Report & Notifications: Any reports, data, notification, certifications, and requests required to be sent to the U. S. EPA should be sent to:

United States Environmental Protection Agency

Region 4
Air and EPCRA Enforcement Branch, Air Enforcement Section
61 Forsyth Street
Atlanta, GA 30303
Telephone: 404/562-9155
Fax: 404/562-9163 or 404/562-9164

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection A. EU004, EU005 & EU006

The specific conditions in this subsection apply to the following emissions unit(s):

EU No.	Status	Emission Unit Description
004	Regulated	One six-cylinder 1240bhp Caterpillar pump engine Model No. 3606 , 144-inch vertical propeller, axial flow pump rated at 975 cubic feet of water per second at 8.3 feet of static head. Diesel Fuel consumption is approximately 66 gallons per hour (~9.3 MMBtu/hr) burning ultra-low distillate fuel oil (0.0015% S by wt). Pump Engine #1 [S/N 8RB00403]. Engine Installed ~1999.
005	Regulated	One six-cylinder 1240bhp Caterpillar pump engine Model No. 3606 , 144-inch vertical propeller, axial flow pump rated at 975 cubic feet of water per second at 8.3 feet of static head. Diesel Fuel consumption is approximately 66 gallons per hour (~9.3 MMBtu/hr) burning ultra-low distillate fuel oil (0.0015% S by wt). Pump Engine #2 [S/N 8RB00401]. Engine Installed ~1999.
006	Regulated	One six-cylinder 1240bhp Caterpillar pump engine Model No. 3606 , 144-inch vertical propeller, axial flow pump rated at 975 cubic feet of water per second at 8.3 feet of static head. Diesel Fuel consumption is approximately 66 gallons per hour (~9.3 MMBtu/hr) burning ultra-low distillate fuel oil (0.0015% S by wt). Pump Engine #3 [S/N 8RB00397]. Engine Installed ~1999.

Note: The emissions units listed above are subject to 40 CFR part 63 Subpart ZZZZ “National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE)”. The emissions units shall comply with the applicable requirements of the 40 CFR Part 63 Subpart ZZZZ.

Essential Potential to Emit (PTE) Parameters

A.1. Permitted Capacity. The permittee shall not allow, cause, suffer or permit the operation of the unit in excess of the following without prior authorization from the Permitting Authority:

a) *Annual Fuel Consumption:* The permittee shall comply with the annual fuel consumption requirement specified in **Section 1, Specific condition FW9** of this permit. **[Rule 62-210.200(PTE), F.A.C.]**

A.2. Emissions Unit Operating Rate Limitation After Testing. See the related testing provisions in **Appendix TR**, (Facility-Wide testing requirements). **[Rule 62-297.310(2), F.A.C.]**

A.3. Methods of Operation: The permittee shall not allow, cause, suffer or permit any change in the method(s) of operation resulting in increased short-term or long-term emissions, without prior authorization from the Permitting Authority.

A.4. Authorized Fuel: Fuel: The permittee is authorized to use only diesel fuel that meets the following requirements of 40 CFR 80.510(b). **[40 CFR 63.6604]**

(1) *Maximum Sulfur content of 15 ppm.*

(2) *Cetane index or aromatic content, as follows:*

(i) *A minimum cetane index of 40; or*

(ii) *A maximum aromatic content of 35 volume percent.*

A.5. Hours of Operation. These emissions unit(s) may operate continuously (8,760 hours/year). **[Rule 62-210.200(PTE), F.A.C.; and, Permit No. 0990350-009-AC]**

A.6. Operating Limitation: The permittee shall meet the following operating limitation:

(a) Maintain the catalyst so that the pressure drop across the catalyst does not change by more than 2 inches of water from the pressure drop across the catalyst that was measured during the initial performance test.

(b) Maintain the temperature of the engine’s exhaust so that the catalysts inlet temperature is greater than or equal to 450 degrees F and less than or equal to 1350 degrees F.

[40 CFR 63.6630(b); Table 2b, 40 CFR 63.7(e) and Table 2b of 40 CFR 63 Subpart ZZZZ]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection A. EU004, EU005 & EU006

{Permit Note: The facility has complied with this requirement with initial CO Stack test on 08/27/2013.}

Emission Limitations and Standards

- A.7. Emission Limitations:** The permittee shall meet the following requirements, except during periods of startup:
- (a) Limit concentration of carbon Monoxide (CO) in the exhaust to 23 ppmvd at 15% Oxygen (O₂);
 - or**
 - (b) Reduce CO Emissions by 70% percent or more.

[40 CFR 63.6603(a)]

{Permit Note: The facility has complied with this requirement with initial CO Stack test on 08/27/2013.}

Test Methods and Procedures

- A.8. Test Requirements:** The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. Tests shall be conducted in accordance with the applicable requirements specified in **Appendix TR**, (Facility-Wide testing requirements) of this permit. **[Rule 62-297.310(9), F.A.C.]**
- {Permit Note: The facility has complied with this requirement by conducting the initial CO Stack test on 08/27/2013.}*

- A.9. Test Methods.** When required, tests shall be performed in accordance with the following reference methods:

Method	Description of Method and Comments
3A	Traverse Points, Velocity and Flow Rate, Gas Analysis, and Moisture Content
10	Determination of Carbon Monoxide Emissions from Stationary Sources {Note: The method shall be based on a continuous sampling train.}

The above methods are described in 40 CFR 60, Appendix A, and adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rule 62-297.401, F.A.C., and, AC No. 0990350-009-AC]

- A.10. Common Testing Requirements.** Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in **Appendix TR**, (Facility-Wide Testing Requirements) of this permit. **[Rule 62-297.310, F.A.C.]**
- A.11. Subsequent Performance Test:** The permittee shall conduct subsequent performance tests as specified in every 8,760 hours or 3 years, whichever comes first. **[40 CFR 63.6615]**
- A.12. Performance Test Procedure:** The permittee shall use the following performance test procedure **[40 CFR 63.6620]**:
- (a) Each performance test must be conducted according to the requirements specified in **specific condition A.9. and A.11.** If the permittee operates a non-operational stationary RICE that is subject to performance testing, the permittee does not need to start up the engine solely to conduct the performance test. The permittee can conduct the performance test when the engine is started up again. [40 CFR 63.220(a) & (b)]
 - (b) The permittee must conduct three separate test runs for each performance test required in this permit. Each test run must last at least 1 hour **[40 CFR 63.6620(d)]**.
 - (c) (1) The Permittee must use Equation 1 (below) to determine compliance with the percent reduction requirement **[40 CFR 63.6620(e)](1) & (2)]**:

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.**Subsection A. EU004, EU005 & EU006**

$$\frac{C_i - C_o}{C_i} \times 100 = R \quad (\text{Eq. 1})$$

Where:

C_i = concentration of carbon monoxide (CO) at the control device inlet,

C_o = concentration of CO at the control device outlet, and

R = percent reduction of CO emissions

- (2) The Permittee must normalize the carbon monoxide (CO) concentrations at the inlet and outlet of the control device to a dry basis and to 15 percent oxygen, or an equivalent percent carbon dioxide (CO₂). If pollutant concentrations are to be corrected to 15 percent oxygen and CO₂ concentration is measured in lieu of oxygen concentration measurement, a CO₂ correction factor is needed. Calculate the CO₂ correction factor as described below **[40 CFR 63.6620 (e)(2)(i) through (iii)]**

(i) Calculate the fuel-specific F_o value for the fuel burned during the test using values obtained from Method 19, section 5.2, and the following equation:

$$F_o = \frac{0.209 F_d}{F_c} \quad (\text{Eq. 2})$$

Where:

F_o = Fuel factor based on the ratio of oxygen volume to the ultimate CO₂ volume produced by the fuel at zero percent excess air.

0.209 = Fraction of air that is oxygen, percent/100.

F_d = Ratio of the volume of dry effluent gas to the gross calorific value of the fuel from Method 19, dsm³/J (dscf/10⁶ Btu).

F_c = Ratio of the volume of CO₂ produced to the gross calorific value of the fuel from Method 19, dsm³/J (dscf/10⁶ Btu).

(ii) Calculate the CO₂ correction factor for correcting measurement data to 15 percent oxygen, as follows:

$$X_{co_2} = \frac{5.9}{F_o} \quad (\text{Eq. 3})$$

Where:

X_{co_2} = CO₂ correction factor, percent.

5.9 = 20.9 percent O₂–15 percent O₂, the defined O₂ correction value, percent.

(iii) Calculate the NO_x and SO₂ gas concentrations adjusted to 15 percent O₂ using CO₂ as follows:

$$C_{adj} = C_d \frac{X_{co_2}}{\%CO_2} \quad (\text{Eq. 4})$$

Where:

%CO₂ = Measured CO₂ concentration measured, dry basis, percent.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection A. EU004, EU005 & EU006

MONITORING AND COMPLIANCE REQUIREMENTS

- A.13. Installation of Control Technology:** The permittee shall install diesel oxidation catalyst (DOC) at each of the three 1,240 BHP engines to reduce the CO emissions to 23 ppmv @ 15% O₂ or by 70% or more as required by 40 CFR 63 Subpart ZZZZ. The DOC units are Quick-Lid Catalytic Converter and manufactured by DCL International, Inc.
[Permittee request to comply with 40 CFR Part 63 Subpart ZZZZ]

{Permit Note: The facility has complied with this requirement with initial CO Stack test on 08/27/2013.}

- A.14 Installation Requirements:** The permittee must comply with either paragraph (a) or paragraph (b) of this specific condition. The permittee shall follow the manufacturer's specified maintenance requirements for operating and maintaining the open or closed crankcase ventilation systems and replacing the crankcase filters, or can request the Administrator to approve different maintenance requirements that are as protective as manufacturer requirements. **[40 CFR 63.6625 (g)]**

(a) Install a closed crankcase ventilation system that prevents crankcase emissions from being emitted to the atmosphere, or

(b) Install an open crankcase filtration emission control system that reduces emissions from the crankcase by filtering the exhaust stream to remove oil mist, particulates, and metals.

{Permit Note: The facility has complied with this requirement with initial CO Stack test on 08/27/2013.}

- A.15. Operation Requirements:** The permittee shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards are applicable, as specified in **specific condition A.7**.
[40 CFR 63.6625(h)]

- A.16. Special Compliance Tests:** When the Health 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 contained in Rule 62-210, 62-212, 62-296, or 62-297, F.A.C. or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the facility to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions units and to provide a report on the results of said tests to the Health Department. **[Rule 62-297.310(7)(b), F.A.C.]**

- A.17. Annual Fuel Consumption:** The permittee shall monitor compliance with the annual fuel consumption limit on a monthly basis. If the rolling 12-month total does not exceed 600,933 gallons (80% of the fuel oil consumption cap), the permittee shall continue to monitor fuel consumption on a monthly basis (rolling 12-month total). If the rolling 12-month total exceeds 600,933 gallons, the permittee shall monitor fuel consumption on a daily basis (rolling 365-day total). When the rolling 365-day total does not exceed 600,933 gallons for 30 consecutive days, monthly monitoring can be resumed. **[Permit No. 0990350-006-AC]**

- A.18. Emissions Factor Verification:** When the Health Department has reason to believe that the emission factor used to establish the fuel usage caps has changed, it may require the owner or operator of the emission unit to conduct compliance tests which identify the nature and quantity of pollutant emission from the emission unit and to provide a report on the results of said tests to the Department. **[Rule 62-4.070(3) F.A.C.]**

- A.19.** During the initial performance test, the permittee shall establish each operating limitation as specified in the **Specific Condition A.6** of this subsection. **[40 CFR 63.6630(b)]**

{Permit Note: The facility has complied with this requirement by conducting the initial CO Stack test on 08/27/2013.}

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection A. EU004, EU005 & EU006

A.20. Notification of Initial Compliance Status: The permittee shall submit the Notification of Compliance Status containing the results of the initial compliance demonstration according to the requirements in **Specific Condition 26.** of this permit. **[40 CFR 63.6630(c)]**

{Permit Note: The facility has complied with this requirement with initial CO Stack test on 08/27/2013.}

A.21. The permittee shall be in compliance with the emissions limitation as required in **Specific Condition A.7.** and operating limitation as required in **Specific Condition A.6 of this subsection** at all times. **[40 CFR 63.6605 (a)]**

A.22. At all times the permittee shall operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the permittee to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source. **[40 CFR 63.6605 (b)]**

A.23. The permittee shall report each instance in which the emissions unit did not meet each emission limitation or operating limitation specified in the permit. These instances are deviations from the emission and operating limitations specified in the permit. These deviations must be reported according to the requirements in the **Specific Condition A.29 of this subsection.** If the permittee changes the catalyst, the permittee shall reestablish the values of the operating parameters measured during the initial performance test. When reestablishing the values of the operating parameters, the permittee shall also conduct a performance test to demonstrate that the emissions unit is meeting the required emission limitation. **[40 CFR 63.6640(b)]**

The permittee must also report each instance in which the emissions unit did not meet the requirements in Table 8 of Subpart ZZZZ of CFR Part 63. **[40 CFR 63.6640(e)]**

A.24. Notification of Performance Tests: The permittee shall notify the Health Department in writing of the intent to conduct a performance test at least 60 calendar days before the performance test is initially scheduled to begin to allow the Florida Department of Health (Health department), upon request, to review and approve the site-specific test plan and to have an observer present during the test. **[40 CFR 63.6645 (a) & 40 CFR 63.7 (b)(1)]**

A.25. In the event the permittee is unable to conduct the performance test on the date specified in the notification requirement specified in **Specific Condition A.24 of this subsection** due to unforeseeable circumstances beyond his or her control, the permittee must notify the Florida Department of Health Palm Beach County (Health Department) as soon as practicable and without delay prior to the scheduled performance test date and specify the date when the performance test is rescheduled. This notification of delay in conducting the performance test shall not relieve the permittee of legal responsibility for compliance with any other applicable provisions of this part or with any other applicable Federal, State, or local requirement, nor will it prevent the PBCHD from implementing or enforcing this part or taking any other action under the Act. **[40 CFR 63.6645 (a) & 40 CFR 63.7 (b)(2)]**

A.26. Notification of Compliance Status: The Notification of Compliance Status, including the performance test results, shall be mailed before the close of business on the 60th day following the completion of the relevant compliance demonstration activities (such as initial performance test or any subsequent required performance test). Notifications may be combined as long as the due date requirement for each notification is met.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection A. EU004, EU005 & EU006

Recordkeeping and Reporting Requirements

A.27. (a) For monthly fuel consumption monitoring (the rolling 12-month total does not exceed 600,933 gallons (80% of the fuel consumption cap): Within the first 15 days of each month, the permittee shall record in a written log the following information:

- (1) Gallons of diesel fuel consumed for the previous month of operation;
- (2) Gallons of diesel fuel consumed for the previous consecutive 12 months of operation (including the previous month consumption discussed as above; and
- (3) Hours of operation for each pump engine for the previous month of operation.

(b) For daily fuel consumption monitoring (the rolling 12-month total does exceed 600,933 gallons: Once per day, the permittee shall record in a written log the following information:

- (1) Gallons of diesel fuel consumed for the that day of operation;
- (2) Gallons of diesel fuel consumed for the previous consecutive 365 days of operation; and
- (3) Hours of operation for each pump engine for that day of operation. **[Permit No. 0990350-006-AC]**

A.28. The permittee shall maintain the recordkeeping for the following items listed below. The recordkeeping shall be maintained in a form suitable and readily available for expeditious inspection and review for the followings. The files shall be retained for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report of record. At a minimum, the most recent 2 years of data shall be retained on site. The remaining 3 years of data may be retained off site. Such files may be maintained on microfilm, on a computer, on computer floppy disks, on magnetic tape disks, or on microfiche. **[40 CFR 63.6655(a) & (d)]**

- (a) A copy of each notification and report submitted to comply with the emission and operating limitations, including all documentation supporting any Initial Notification or Notification of Compliance Status.
- (b) Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.
- (c) Records of performance tests and performance evaluations.
- (d) Records of all required maintenance performed on the air pollution control and monitoring equipment.
- (e) Records of actions taken during periods of malfunction to minimize emissions in accordance with **Specific Condition A.23 of this subsection**, including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.
- (f) The permittee must keep records required in Table 6 of the Subpart ZZZZ (see Appendix ZZZZ) to show continuous compliance with each emission or operating limitations that applies.

A.29. Reporting Requirements: The Permittee shall submit Semiannual Compliance Report, as required in Table 7 of 40 CFR Part 63 Subpart ZZZZ, containing the following information:

- (a) If there are no deviations from any emission limitations or operating limitations that apply to the emissions units, a statement that there were no deviations from the emission limitations or operating limitations during the reporting period.
- (b) If the emissions units had a deviation from any emission limitation or operating limitation during the reporting period, the report shall contain following information:
 - (1) Company name and address.
 - (2) Statement by a responsible official, with that official's name, title, and signature, certifying the accuracy of the content of the report.
 - (3) Date of report and beginning and ending dates of the reporting period.
 - (4) The total operating time of the stationary RICE at which the deviation occurred during the reporting period.
 - (5) Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection A. EU004, EU005 & EU006

- (c) If the emissions unit had a malfunction during the reporting period, the compliance report must include the number, duration, and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by the permittee during a malfunction of an affected source to minimize emissions in accordance with 40 CFR 63.6605(b), including actions taken to correct a malfunction.

[40 CFR 63.6650(a), (c), (d)]

A.30. The permittee shall submit each report required in **Specific condition A.29 of this subsection** by the date as specified below:

- (a) For semiannual Compliance reports, each Compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.
- (b) For semiannual Compliance reports, each Compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period.

[40 CFR 63.6650(b)]

A.31. The permittee must report all deviations as defined in the Subpart ZZZZ in the semiannual monitoring report required by 40 CFR 70.6 (a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A). If the permittee submits a Compliance report pursuant to Table 7 of the subpart ZZZZ along with, or as part of, the semiannual monitoring report required by 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A), and the Compliance report includes all required information concerning deviations from any emission or operating limitation in this subpart, submission of the Compliance report shall be deemed to satisfy any obligation to report the same deviations in the semiannual monitoring report. However, submission of a Compliance report shall not otherwise affect any obligation permittee may have to report deviations from permit requirements to the Department

A.32. Performance Tests Results: The performance test results shall be mailed as a part of Notification of Compliance Status, as specified in **Specific Condition A.26 of this subsection** of this permit, before the close of business on the 60th day following the completion of the relevant performance tests. **[40 CFR 63.6645(h)]**

A.33. Test Reports: The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in **Appendix TR**, (Facility-Wide testing requirements) of this permit. **[Rule 62-297.310(10), F.A.C.]**

A.34. Reporting Schedule. The following reports and notifications shall be submitted to the Compliance Authority:

Report	Reporting Deadline	Related Condition(s)
Semi-Annual Report - NESHAP (ZZZZ)	July 31 and Jan 31	A.30
Semi-Annual Report - Title V	July 31 and Jan 31	Appendix RR
Statement of Compliance Report – Title V	60 days after end of the calendar year	Appendix RR
Annual Operating Report	April 1	Appendix RR

[Rule 62-213.440(1)(b), F.A.C.]

A.35. Other Reporting Requirements. See **Appendix RR**, (Facility-Wide Reporting Requirements), for additional reporting requirements. **[Rule 62-213.440(1)(b), F.A.C.]**

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection B. Emissions Unit 007 & Unit 008

The specific conditions in this subsection apply to the following emissions unit(s):

EU No.	Status	Emission Unit Description
007	Regulated	252bhp Cummins Onan emergency generator with a fuel consumption of 13 gallons per hour (~1.9 MMbtu/hr), Generator#1 [S/N 46397802] Manufacture Date 05/24/04, [Subject to Subpart ZZZZ]. One 60bhp diesel engine powering a standby air compressor.
008	Regulated	252bhp Cummins Onan emergency generator with a fuel consumption of 13 gallons per hour (~1.9 MMbtu/hr), Generator #2 [S/N 60316812]. Manufactured in 2004 and rebuilt in 2009 [Subject to ZZZZ].

PERFORMANCE RESTRICTIONS

- B.1.** Permitted Capacity. The permittee shall not allow, cause, suffer or permit the operation of the unit in excess of the following without prior authorization from the Permitting Authority:
- b) Annual Fuel Consumption: The permittee shall comply with the Annual Fuel Consumption requirement specified in **Section 2, Specific Condition FW9**. of this permit. **[Rule 62-210.200(PTE), F.A.C.]**
- B.2.** Authorized Fuel: The permittee is authorized to use #2 diesel fuel oil.
[Rule 62-4.070(3) and Rule 62-210.200(PTE), F.A.C.]
- B.3.** Restricted Operation: The hours of operation during an emergency are not limited (8760 hours per year), and the permittee shall not exceed the fuel cap specified in **Section 2 and specific condition FW9**. **[Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]**

EMISSION STANDARDS

- B.4.** Emissions Standards:

The permittee shall meet the following requirement, except during the periods of startup:

- (a) Change oil and filter every 500 hours of operation or annually, whichever comes first;
- (b) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; and
- (c) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

{Permitting note(s): If an emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the management practice shown above, or if performing the management practice on the required schedule would otherwise pose an unacceptable risk under Federal, State, or local law, the management practice can be delayed until the emergency is over or the unacceptable risk under Federal, State, or local law has abated. The management practice should be performed as soon as practicable after the emergency has ended or the unacceptable risk under Federal, State, or local law has abated. Sources must report any failure to perform the management practice on the schedule required and the Federal, State or local law under which the risk was deemed unacceptable.} **[40 CFR 63.6603(a), Table 2d to Subpart ZZZZ of Part 63]**

- B.5.** The permittee has the option to utilize an oil analysis program as described herein in order to extend the specified oil change requirement in the **Specific Condition B.4** of this subsection. The oil analysis must be performed at the same frequency specified for changing the oil in this permit. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new;

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection B. Emissions Unit 007 & Unit 008

viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the permittee is not required to change the oil. If any of the limits are exceeded, the permittee must change the oil within 2 days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the permittee must change the oil within 2 days or before commencing operation, whichever is later. The permittee must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. **[40 CFR 63.6625(i)]**

MONITORING REQUIREMENTS

- B.6.** The permittee shall develop a maintenance plan which shall provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. **[40 CFR 63.6625(b)]**
- B.7.** The permittee shall install a non-resettable hour meter if one is not already installed. **[40 CFR 63.6625(f)]**
{Permit note: The non-resettable hour meters were installed on both generators on 05/24/2004.}
- B.8.** The permittee shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all times other than startup as specified in the **specific condition B.4.** of this subsection. **[40 CFR 63.6625(h)]**
- B.9.** The permittee shall be in compliance with the emissions limitation as required in the **specific condition B.4 of this subsection** at all times.
[40 CFR 63.6605 (a)]
- B.10.** At all times the permittee shall operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the permittee to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source. **[40 CFR 63.6605 (b)]**
- B.11.** The Permittee shall operate an emergency stationary RICE according to the requirements in **specific condition B.11.(a) through B.11.(c)**. In order for the engine to be considered an emergency stationary RICE, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in **specific condition B.11.(a) through B.11.(c)**, is prohibited. If you do not operate the engine according to the requirements in **specific condition B.11.(a) through B.11.(c)**, the engine will not be considered an emergency engine under this subpart and must meet all requirements for non-emergency engines.
- (a) There is no time limit on the use of emergency stationary RICE in emergency situations.
- (b) You may operate your emergency stationary RICE for any combination of the purposes specified in **specific condition B.11.(b)(1) and B.11.(2)** for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by **specific condition B.11.(c)** counts as part of the 100 hours per calendar year allowed by this paragraph.
- (1) Emergency stationary RICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection B. Emissions Unit 007 & Unit 008

company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency RICE beyond 100 hours per calendar year.

(2) Emergency stationary RICE may be operated for periods where there is a deviation of voltage or frequency of 5 percent or greater below standard voltage or frequency.

(c) Emergency stationary RICE located at area sources of HAP may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in **specific condition B.11.(b)**. Except as provided in **specific condition B.11.(b)(1)**, the 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

[40 CFR 63.6640 (f)]

B.12. The permittee shall report each instance in which the emissions unit did not meet each emission limitation or operating limitation specified in the permit. These instances are deviations from the emission and operating limitations specified in the permit. These deviations must be reported according to the requirements in the **Specific Condition**

B.13. [40 CFR 63.6640 (b)]

RECORDS AND REPORTS

B.13. The permittee shall maintain the recordkeeping for the following items listed below. The recordkeeping shall be maintained in a form suitable and readily available for expeditious inspection and review for the followings. The files shall be retained for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report of record. At a minimum, the most recent 2 years of data shall be retained on site. The remaining 3 years of data may be retained off site. Such files may be maintained on microfilm, on a computer, on computer floppy disks, on magnetic tape disks, or on microfiche.

(a) Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment. **[40 CFR 63.6655(a)(2)]**

(b) Records of all required maintenance performed on the air pollution control and monitoring equipment. **[40 CFR 63.6655(a)(4)]**

(c) Records of actions taken during periods of malfunction to minimize emissions in accordance with **Specific Condition B.12.**, including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. **[40 CFR 63.6655(a)(5)]**

B.14. The permittee shall keep records of the maintenance conducted on the stationary RICE in order to demonstrate that the permittee operated and maintained the stationary RICE and after-treatment control device (if any) according to the maintenance plan. **[40 CFR 63.6655(e)]**

B.15. The permittee shall keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The permittee must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. If the engines are used for demand response operation, the permittee must keep records of the notification of the emergency situation, and the time the engine was operated as part of demand response. **[40 CFR 63.6655(f)]**

{Permit note: The non-resettable hour meter reporting was established when they were installed on both generators on 05/24/2004.}

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection B. Emissions Unit 007 & Unit 008

- B.16.** The permittee shall keep records of the amount of fuel consumed by the generators on a monthly basis. The permittee shall follow the frequency of maintaining the fuel consumption records as required in the **specific condition A.27** of this subsection. The permittee shall take the fuel consumed by the generators into account in demonstrating compliance with the facility wide condition **Section FW9 in Section II.** of this permit. **[Rule 62-4.070(3), F.A.C.]**
- B.17.** Test Reports: The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in **Appendix TR**, (Facility-Wide testing requirements) of this permit. The owner or owner's authorized agent of an emissions unit for which an emissions test is required shall submit a written test report to the compliance authority specified by permit, on the results of each such test as soon as practicable but no later than 45 days after the last run of each test is completed. Test reports may be submitted electronically. **[Rule 62-297.310(10), F.A.C.]**

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection C. Emissions Unit 009

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

EU No.	Status	Emission Unit Description
009	Regulated	Cummins 79bhp (50 kilowatt) LP Generator with a fuel usage of 270 cubic foot per hour, Maximum Heat Input value of 0.68 mmbtu/hr, Volumetric Flow Rate of 377.5 cfm, Exhaust Temperature of 1204F. Stack Height is 34.1 feet, Exhaust Diameter is 0.25 feet. Manufactured in 2014. [Subject to 40 CFR 60 Subpart JJJJ & 40 CFR 63 Subpart ZZZZ].

Since this emissions unit was manufactured in 2014, it is subject to the regulations of 40 CFR 60 Subpart JJJJ and 40 CFR 63 Subpart ZZZZ. This emissions unit is classified as a new spark ignition (SI) engine in these regulations.

RULE APPLICABILITY

C.1. NESHAP Subpart ZZZZ

This Emission Unit is subject to 40 CFR 63 Subpart ZZZZ “National Emission Standard for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE).”

[40 CFR 63.6590(a)(2)(iii) & 40 CFR 63.6590(c)(1)]

C.2. NSPS Subpart JJJJ

This emission unit is subject to 40 CFR 60 Subpart JJJJ “Standards of Performance for Stationary Spark Ignition Internal Combustion Engines.” **[40 CFR 60.4230(4)]**

PERFORMANCE RESTRICTIONS

C.3. Hours of Operation: The hours of operation of this emission unit are **limited to 800 hours** in any 12 consecutive months, rolling total.

[Applicant’s request to escape the PSD Regulations]

{Permitting Note: Based on the above limitation on hours of operation, the emissions of NOx from this emission unit are limited to 0.48 tons per year.}

C.4. Hours of Operation: The LP generator may operate up to 100 hours per year for maintenance checks and readiness testing purposes.

[Rule 40 CFR 60.6243(2)]

EMISSIONS STANDARDS

C.5. Emission Limits: The Permittee must comply with the following emission standards in **Table 1** below for emergency stationary SI ICE. **[40 CFR 60.4233(d)]**

Table 1 to Subpart JJJJ of Part 60—NO_x, CO, and VOC Emission Standards for **Stationary Emergency Engines >25 HP**

Engine Type and Fuel	Maximum Engine Power	Manufacture Date	Emission Standards	
			g/HP-hr	
			NO _x ^a	CO
Emergency LP	25<HP<130	1/1/2009	10^b	387^c

^aThe emission standards applicable to emergency engines between 25 HP and 130 HP are in terms of NO_x + HC.

^bCummins Manufacturer certification of guarantee: NO_x+HC is 8.4 g/HP-hr.

^c Cummins Manufacturer certification of guarantee: CO is 50.2 g/HP-hr.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection C. Emissions Unit 009

C.6. The permittee must operate and maintain stationary this emission unit to achieve the emission standards as required in 40 CFR 60.4233 over the entire life of the engine in **specific condition C.5 of this subsection. [40 CFR 60.4234]**

C.7. Operating Requirements for LP Generators:

(a) The permittee must operate and maintain the SI internal combustion engine and control device according to the manufacturer's emission-related written instructions, the permittee must keep records of conducted maintenance to demonstrate compliance, but no performance testing is required by the permittee. The permittee must also meet the requirements as specified in 40 CFR Part 1068, subparts A through D, as they apply, to the permittee. If the permittee adjusts engine settings according to and consistent with the manufacturer's instructions, the permittee's stationary SI internal combustion engine will not be considered out of compliance.

(b) The permittee must keep a maintenance plan and records of conducted maintenance to demonstrate compliance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions, but no performance testing is required.

(c) The permittee must comply with the emission standards specified in §60.4233(d) or (e), the permittee must demonstrate compliance according to one of the methods specified in paragraphs (c)(1) of this section.

(1) Purchasing an engine certified according to procedures in **specific condition C.7 of this subsection.**, for the same model year and demonstrating compliance according to one of the methods specified in paragraph (a) of this section.

(d) The permittee must keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, the permittee must conduct an initial performance test to demonstrate compliance. **[40 CFR 60.4243]**

{Permit Note: Manufacturer's emissions certification states the emissions of NO_x+HC are 8.4 Gram/HP-hr and CO are 50.2 grams/HP-hr.}

RECORD KEEPING REQUIREMENTS

C.8. Records: The permittee must meet the following notification, reporting and recordkeeping requirements.

(1) Maintenance conducted on the engine.

(2) If the stationary SI internal combustion engine is a certified engine, documentation from the manufacturer that the engine is certified to meet the emission standards and information as required in 40 CFR parts 90, 1048, 1054, and 1060, as applicable. **[40 CFR 60.4245(a)]**

SECTION IV. APPENDICES.

The Following Appendices Are Enforceable Parts of This Permit:

APPENDIX	DESCRIPTION
A	Citation Formats and Glossary of Common Terms
B	General Conditions
I	List of Exempt/Insignificant Emissions Units
TV	Title V Conditions
RR	Facility-wide Reporting Requirements.
TR	Facility-Wide Testing Requirements
H	Permit History
SOB	Statement of Basis

SECTION IV. APPENDIX A
Citation Formats and Glossary of Common Terms

CITATION FORMATS

The following illustrate the formats used in the permit to identify applicable requirements from permits and regulations.

Old Permit Numbers

Example: Permit No. AC50-123456 or Permit No. AO50-123456

Where: “AC” identifies the permit as an Air Construction Permit
“AO” identifies the permit as an Air Operation Permit
“123456” identifies the specific permit project number

New Permit Numbers

Example: Permit Nos. 099-2222-001-AC, 099-2222-001-AF, 099-2222-001-AO, or 099-2222-001-AV

Where: “099” represents the specific county ID number in which the project is located
“2222” represents the specific facility ID number for that county
“001” identifies the specific permit project number
“AC” identifies the permit as an air construction permit
“AF” identifies the permit as a minor source federally enforceable state operation permit
“AO” identifies the permit as a minor source air operation permit
“AV” identifies the permit as a major Title V air operation permit

PSD Permit Numbers

Example: Permit No. PSD-FL-317

Where: “PSD” means issued pursuant to the preconstruction review requirements of the Prevention of Significant Deterioration of Air Quality
“FL” means that the permit was issued by the State of Florida
“317” identifies the specific permit project number

Florida Administrative Code (F.A.C.)

Example: [Rule 62-213.205, F.A.C.]

Means: Title 62, Chapter 213, Rule 205 of the Florida Administrative Code

Code of Federal Regulations (CFR)

Example: [40 CFR 60.7]

Means: Title 40, Part 60, Section 7

GLOSSARY OF COMMON TERMS

° F: degrees Fahrenheit

µg: microgram

AAQS: Ambient Air Quality Standard

acf: actual cubic feet

acfm: actual cubic feet per minute

ARMS: Air Resource Management System (Department’s database)

BACT: best available control technology

bhp: brake horsepower

Btu: British thermal units

CAM: compliance assurance monitoring

CEMS: continuous emissions monitoring system

cfm: cubic feet per minute

SECTION IV. APPENDIX A

Citation Formats and Glossary of Common Terms

CFR: Code of Federal Regulations	NESHAP: National Emissions Standards for Hazardous Air Pollutants
CAA: Clean Air Act	NO_x: nitrogen oxides
CMS: continuous monitoring system	NSPS: New Source Performance Standards
CO: carbon monoxide	O&M: operation and maintenance
CO₂: carbon dioxide	O₂: oxygen
COMS: continuous opacity monitoring system	Pb: lead
DARM: Division of Air Resource Management	PM: particulate matter
DEP: Department of Environmental Protection	PM₁₀: particulate matter with a mean aerodynamic diameter of 10 microns or less
Department: Department of Environmental Protection	ppm: parts per million
dscf: dry standard cubic feet	ppmv: parts per million by volume
dscfm: dry standard cubic feet per minute	ppmvd: parts per million by volume, dry basis
EPA: Environmental Protection Agency	QA: quality assurance
ESP: electrostatic precipitator (control system for reducing particulate matter)	QC: quality control
EU: emissions unit	PSD: prevention of significant deterioration
F: fluoride	psi: pounds per square inch
F.A.C.: Florida Administrative Code	PTE: potential to emit
F.A.W.: Florida Administrative Weekly	RACT: reasonably available control technology
F.D.: forced draft	RATA: relative accuracy test audit
F.S.: Florida Statutes	RBLC: EPA's RACT/BACT/LAER Clearinghouse
FGD: flue gas desulfurization	SAM: sulfuric acid mist
FGR: flue gas recirculation	scf: standard cubic feet
ft²: square feet	scfm: standard cubic feet per minute
ft³: cubic feet	SIC: standard industrial classification code
gpm: gallons per minute	SIP: State Implementation Plan
gr: grains	SNCR: selective non-catalytic reduction (control system used for reducing emissions of nitrogen oxides)
HAP: hazardous air pollutant	SO₂: sulfur dioxide
Hg: mercury	TPD: tons/day
I.D.: induced draft	TPH: tons per hour
ID: identification	TPY: tons per year
kPa: kilopascals	TRS: total reduced sulfur
lb: pound	UTM: Universal Transverse Mercator coordinate system
MACT: maximum achievable control technology	VE: visible emissions
MMBtu: million British thermal units	VOC: volatile organic compounds
MSDS: material safety data sheets	
MW: megawatt	

SECTION IV. APPENDIX B

General Conditions

The permittee shall comply with the following general conditions from Rule 62-4.160, F.A.C.

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are “permit conditions” and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.987(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
 - a. Have access to and copy any records that must be kept under conditions of the permit;
 - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
 - c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules. Reasonable time may depend on the nature of the concern being investigated.
8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
 - a. A description of and cause of noncompliance; and
 - b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.
9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such

SECTION IV. APPENDIX B

General Conditions

evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard.
11. This permit is transferable only upon Department approval in accordance with Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
 - a. Determination of Best Available Control Technology (not applicable);
 - b. Determination of Prevention of Significant Deterioration (not applicable); and
 - c. Compliance with New Source Performance Standards (applicable).
14. The permittee shall comply with the following:
 - a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - c. Records of monitoring information shall include:
 - (1) The date, exact place, and time of sampling or measurements;
 - (2) The person responsible for performing the sampling or measurements;
 - (3) The dates analyses were performed;
 - (4) The person responsible for performing the analyses;
 - (5) The analytical techniques or methods used;
 - (6) The results of such analyses.
15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

SECTION IV. APPENDIX I

List of Exempt/Insignificant Emissions Units

List of Exempt/Insignificant Activities:

EU ID No.	Status	EMISSIONS UNIT DESCRIPTION
002/003	Exempt/Insignificant	Distillate fuel oil tanks: Two 25,000-gallon aboveground storage tanks, four 250-gallon aboveground storage day tanks less than 40 cubic meters in capacity and miscellaneous coating activities.

Description

Internal Combustion Engines – Vehicles
Steam Cleaning Equipment
Belt & Drum Sanders
Brazing, Soldering or Welding Equipment
Emergency Generators
Surface Coating Operations
Degreasing Units (non-HAP Solvents)
Petroleum Lubrication Systems
Fire & Safety Equipment
Fungicide, Herbicide, & Pesticide Applications
Asbestos Renovation & Demolition Activities
Non-Halogenated Solvent Storage & Cleaning
Abrasive Blasting Activities
Non-Halogenated Solvent Storage & Cleaning
Distillate Oil Storage & Handling
Distillate Oil Piping System
Lawn & Ground Maintenance
Paved & Unpaved Roads

Operation

- TV1. General Prohibition.** A permitted installation may only be operated, maintained, constructed, expanded or modified in a manner that is consistent with the terms of the permit. [Rule 62-4.030, Florida Administrative Code (F.A.C.)]
- TV2. Validity.** This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department. [Rule 62-4.160(2), F.A.C.]
- TV3. Proper Operation and Maintenance.** The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules. [Rule 62-4.160(6), F.A.C.]
- TV4. Not Federally Enforceable. Health, Safety and Welfare.** To ensure protection of public health, safety, and welfare, any construction, modification, or operation of an installation which may be a source of pollution, shall be in accordance with sound professional engineering practices pursuant to Chapter 471, F.S. [Rule 62-4.050(3), F.A.C.]
- TV5. Continued Operation.** An applicant making timely and complete application for permit, or for permit renewal, shall continue to operate the source under the authority and provisions of any existing valid permit or Florida Electrical Power Plant Siting Certification, and in accordance with applicable requirements of the Acid Rain Program and applicable requirements of the CAIR Program, until the conclusion of proceedings associated with its permit application or until the new permit becomes effective, whichever is later, provided the applicant complies with all the provisions of subparagraphs 62-213.420(1)(b)3., F.A.C. [Rules 62-213.420(1)(b)2., F.A.C.]
- TV6. Changes Without Permit Revision.** Title V sources having a valid permit issued pursuant to Chapter 62-213, F.A.C., may make the following changes without permit revision, provided that sources shall maintain source logs or records to verify periods of operation:
- a. Permitted sources may change among those alternative methods of operation allowed by the source's permit as provided by the terms of the permit;
 - b. A permitted source may implement operating changes, as defined in Rule 62-210.200, F.A.C., after the source submits any forms required by any applicable requirement and provides the Department and EPA with at least 7 days written notice prior to implementation. The source and the Department shall attach each notice to the relevant permit;
 - (1) The written notice shall include the date on which the change will occur, and a description of the change within the permitted source, the pollutants emitted and any change in emissions, and any term or condition becoming applicable or no longer applicable as a result of the change;
 - (2) The permit shield described in Rule 62-213.460, F.A.C., shall not apply to such changes;
 - c. Permitted sources may implement changes involving modes of operation only in accordance with Rule 62-213.415, F.A.C.
- [Rule 62-213.410, F.A.C.]
- TV7. 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.]

Compliance

- TV8. Compliance with Chapter 403, F.S., and Department Rules.** Except as provided at Rule 62-213.460, Permit Shield, F.A.C., the issuance of a permit does not relieve any person from complying with the requirements of Chapter 403, F.S., or Department rules. [Rule 62-4.070(7), F.A.C.]

SECTION IV. APPENDIX TV

Title V Conditions

- TV9.** Compliance with Federal, State and Local Rules. Except as provided at Rule 62-213.460, F.A.C., issuance of a permit does not relieve the owner or operator of a facility or an emissions unit from complying with any applicable requirements, any emission limiting standards or other requirements of the air pollution rules of the Department or any other such requirements under federal, state, or local law. [Rule 62-210.300, F.A.C.]
- TV10.** Binding and enforceable. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions. [Rule 62-4.160(1), F.A.C.]
- TV11.** Timely information. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly. [Rule 62-4.160(15), F.A.C.]
- TV12.** Halting or reduction of source activity. It shall not be a defense for a permittee in an enforcement action that maintaining compliance with any permit condition would necessitate halting of or reduction of the source activity. [Rule 62-213.440(1)(d)3., F.A.C.]
- TV13.** Final permit action. Any Title V source shall comply with all the terms and conditions of the existing permit until the Department has taken final action on any permit renewal or any requested permit revision, except as provided at Rule 62-213.412(2), F.A.C. [Rule 62-213.440(1)(d)4., F.A.C.]
- TV14.** Sudden and unforeseeable events beyond the control of the source. A situation arising from sudden and unforeseeable events beyond the control of the source which causes an exceedance of a technology-based emissions limitation because of unavoidable increases in emissions attributable to the situation and which requires immediate corrective action to restore normal operation, shall be an affirmative defense to an enforcement action in accordance with the provisions and requirements of 40 CFR 70.6(g)(2) and (3), hereby adopted and incorporated by reference. [Rule 62-213.440(1)(d)5., F.A.C.]
- TV15.** Permit Shield. Except as provided in Chapter 62-213, F.A.C., compliance with the terms and conditions of a permit issued pursuant to Chapter 62-213, F.A.C., shall, as of the effective date of the permit, be deemed compliance with any applicable requirements in effect, provided that the source included such applicable requirements in the permit application. Nothing in this condition or in any permit shall alter or affect the ability of EPA or the Department to deal with an emergency, the liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance, or the requirements of the Federal Acid Rain Program or the CAIR Program. [Rule 62-213.460, F.A.C.]
- TV16.** Compliance With Federal Rules. A facility or emissions unit subject to any standard or requirement of 40 CFR, Part 60, 61, 63 or 65, adopted and incorporated by reference at Rule 62-204.800, F.A.C., shall comply with such standard or requirement. Nothing in this chapter shall relieve a facility or emissions unit from complying with such standard or requirement, provided, however, that where a facility or emissions unit is subject to a standard established in Rule 62-296, F.A.C., such standard shall also apply. [Rule 62-296.100(3), F.A.C.]

Permit Procedures

- TV17.** Permit Revision Procedures. The permittee shall revise its permit as required by Rules 62-213.400, 62-213.412, 62-213.420, 62-213.430 & 62-4.080, F.A.C.; and, in addition, the Department shall revise permits as provided in Rule 62-4.080, F.A.C. & 40 CFR 70.7(f).
- TV18.** Permit Renewal. The permittee shall renew its permit as required by Rules 62-4.090, 62.213.420(1) and 62-213.430(3), F.A.C. Permits being renewed are subject to the same requirements that apply to permit issuance at the time of application for renewal. Permit renewal applications shall contain that information identified in Rules 62-210.900(1) [Application for Air Permit - Long Form], 62-213.420(3) [Required Information], 62-213.420(6) [CAIR Part Form], F.A.C. Unless a Title V source submits a timely and complete application for permit renewal in accordance with the requirements this rule, the existing permit shall expire and the source's right to operate shall terminate. For purposes of a permit renewal, a timely application is one that is submitted 225 days before the expiration of a permit

SECTION IV. APPENDIX TV

Title V Conditions

that expires on or after June 1, 2009. No Title V permit will be issued for a new term except through the renewal process.
[Rules 62-213.420 & 62-213.430, F.A.C.]

TV19. Insignificant Emissions Units or Pollutant-Emitting Activities. The permittee shall identify and evaluate insignificant emissions units and activities as set forth in Rule 62-213.430(6), F.A.C.

TV20. Savings Clause. If any portion of the final permit is invalidated, the remainder of the permit shall remain in effect.
[Rule 62-213.440(1)(d)1., F.A.C.]

TV21. Suspension and Revocation.

- a. Permits shall be effective until suspended, revoked, surrendered, or expired and shall be subject to the provisions of Chapter 403, F.S., and rules of the Department.
- b. Failure to comply with pollution control laws and rules shall be grounds for suspension or revocation.
- c. A permit issued pursuant to Chapter 62-4, F.A.C., shall not become a vested property right in the permittee. The Department may revoke any permit issued by it if it finds that the permit holder or his agent:
 - (1) Submitted false or inaccurate information in his application or operational reports.
 - (2) Has violated law, Department orders, rules or permit conditions.
 - (3) Has failed to submit operational reports or other information required by Department rules.
 - (4) Has refused lawful inspection under Section 403.091, F.S.
- d. No revocation shall become effective except after notice is served by personal services, certified mail, or newspaper notice pursuant to Section 120.60(5), F.S., upon the person or persons named therein and a hearing held if requested within the time specified in the notice. The notice shall specify the provision of the law, or rule alleged to be violated, or the permit condition or Department order alleged to be violated, and the facts alleged to constitute a violation thereof.

[Rule 62-4.100, F.A.C.]

TV22. Not federally enforceable. Financial Responsibility. The Department may require an applicant to submit proof of financial responsibility and may require the applicant to post an appropriate bond to guarantee compliance with the law and Department rules. [Rule 62-4.110, F.A.C.]

TV23. Emissions Unit Reclassification.

- a. Any emissions unit whose operation permit has been revoked as provided for in Chapter 62-4, F.A.C., shall be deemed permanently shut down for purposes of Rule 62-212.500, F.A.C. Any emissions unit whose permit to operate has expired without timely renewal or transfer may be deemed permanently shut down, provided, however, that no such emissions unit shall be deemed permanently shut down if, within 20 days after receipt of written notice from the Department, the emissions unit owner or operator demonstrates that the permit expiration resulted from inadvertent failure to comply with the requirements of Rule 62-4.090, F.A.C., and that the owner or operator intends to continue the emissions unit in operation, and either submits an application for an air operation permit or complies with permit transfer requirements, if applicable.
- b. If the owner or operator of an emissions unit which is so permanently shut down, applies to the Department for a permit to reactivate or operate such emissions unit, the emissions unit will be reviewed and permitted as a new emissions unit.

[Rule 62-210.300(6), F.A.C.]

TV24. Transfer of Permits. Per Rule 62-4.160(11), F.A.C., this permit is transferable only upon Department approval in accordance with Rule 62-4.120, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department. The permittee transferring the permit shall remain liable for corrective actions that may be required as a result of any violations occurring prior to the sale or legal transfer of the facility. The permittee shall also comply with the requirements of Rule 62-210.300(7), F.A.C., and use DEP Form No. 62-210.900(7). [Rules 62-4.160(11), 62-4.120, and 62-210.300(7), F.A.C.]

Rights, Title, Liability, and Agreements

TV25. Rights. As provided in Subsections 403.987(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a

waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit. [Rule 62-4.160(3), F.A.C.]

TV26. Title. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. [Rule 62-4.160(4), (F.A.C.)]

TV27. Liability. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of F.S. and Department rules, unless specifically authorized by an order from the Department. [Rule 62-4.160(5), F.A.C.]

TV28. Agreements.

- a. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
 - (1) Have access to and copy any records that must be kept under conditions of the permit;
 - (2) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and,
 - (3) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules. Reasonable time may depend on the nature of the concern being investigated.
- b. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
- c. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

[Rules 62-4.160(7), (9), and (10), F.A.C.]

Recordkeeping and Emissions Computation

TV29. Permit. The permittee shall keep this permit or a copy thereof at the work site of the permitted activity. [Rule 62-4.160(12), F.A.C.]

TV30. Recordkeeping.

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least five (5) years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- c. Records of monitoring information shall include:
 - (1) The date, exact place, and time of sampling or measurements, and the operating conditions at the time of sampling or measurement;
 - (2) The person responsible for performing the sampling or measurements;
 - (3) The dates analyses were performed;
 - (4) The person and company that performed the analyses;
 - (5) The analytical techniques or methods used;
 - (6) The results of such analyses.

[Rules 62-4.160(14) and 62-213.440(1)(b)2., F.A.C.]

TV31. Emissions Computation. Pursuant to Rule 62-210.370, F.A.C., the following required methodologies are to be used by the owner or operator of a facility for computing actual emissions, baseline actual emissions, and net emissions increase, as defined at Rule 62-210.200, F.A.C., and for computing emissions for purposes of the reporting requirements of subsection 62-210.370(3) and paragraph 62-212.300(1)(e), F.A.C., or of any permit condition that requires emissions be computed in accordance with Rule 62-210.370, F.A.C. Rule 62-210.370, F.A.C., is not intended to establish methodologies for determining compliance with the emission limitations of any air permit.

For any of the purposes specified above, the owner or operator of a facility shall compute emissions in accordance with the requirements set forth in this subsection.

- a. *Basic Approach.* The owner or operator shall employ, on a pollutant-specific basis, the most accurate of the approaches set forth below to compute the emissions of a pollutant from an emissions unit; provided, however, that nothing in this rule shall be construed to require installation and operation of any continuous emissions monitoring system (CEMS), continuous parameter monitoring system (CPMS), or predictive emissions monitoring system (PEMS) not otherwise required by rule or permit, nor shall anything in this rule be construed to require performance of any stack testing not otherwise required by rule or permit.
 - (1) If the emissions unit is equipped with a CEMS meeting the requirements of paragraph 62-210.370(2)(b), F.A.C., the owner or operator shall use such CEMS to compute the emissions of the pollutant, unless the owner or operator demonstrates to the department that an alternative approach is more accurate because the CEMS represents still-emerging technology.
 - (2) If a CEMS is not available or does not meet the requirements of paragraph 62-210.370(2)(b), F.A.C, but emissions of the pollutant can be computed pursuant to the mass balance methodology of paragraph 62-210.370(2)(c), F.A.C., the owner or operator shall use such methodology, unless the owner or operator demonstrates to the department that an alternative approach is more accurate.
 - (3) If a CEMS is not available or does not meet the requirements of paragraph 62-210.370(2)(b), F.A.C., and emissions cannot be computed pursuant to the mass balance methodology, the owner or operator shall use an emission factor meeting the requirements of paragraph 62-210.370(2)(d), F.A.C., unless the owner or operator demonstrates to the department that an alternative approach is more accurate.
- b. *Continuous Emissions Monitoring System (CEMS).*
 - (1) An owner or operator may use a CEMS to compute emissions of a pollutant for purposes of this rule provided:
 - (a) The CEMS complies with the applicable certification and quality assurance requirements of 40 CFR Part 60, Appendices B and F, or, for an acid rain unit, the certification and quality assurance requirements of 40 CFR Part 75, all adopted by reference at Rule 62-204.800, F.A.C.; or,
 - (b) The owner or operator demonstrates that the CEMS otherwise represents the most accurate means of computing emissions for purposes of this rule.
 - (2) Stack gas volumetric flow rates used with the CEMS to compute emissions shall be obtained by the most accurate of the following methods as demonstrated by the owner or operator:
 - (a) A calibrated flowmeter that records data on a continuous basis, if available; or
 - (b) The average flow rate of all valid stack tests conducted during a five-year period encompassing the period over which the emissions are being computed, provided all stack tests used shall represent the same operational and physical configuration of the unit.
 - (3) The owner or operator may use CEMS data in combination with an appropriate f-factor, heat input data, and any other necessary parameters to compute emissions if such method is demonstrated by the owner or operator to be more accurate than using a stack gas volumetric flow rate as set forth at subparagraph 62-210.370(2)(b)2., F.A.C., above.
- c. *Mass Balance Calculations.*
 - (1) An owner or operator may use mass balance calculations to compute emissions of a pollutant for purposes of this rule provided the owner or operator:
 - (a) Demonstrates a means of validating the content of the pollutant that is contained in or created by all materials or fuels used in or at the emissions unit; and,
 - (b) Assumes that the emissions unit emits all of the pollutant that is contained in or created by any material or fuel used in or at the emissions unit if it cannot otherwise be accounted for in the process or in the capture and destruction of the pollutant by the unit's air pollution control equipment.

- (2) Where the vendor of a raw material or fuel which is used in or at the emissions unit publishes a range of pollutant content from such material or fuel, the owner or operator shall use the highest value of the range to compute the emissions, unless the owner or operator demonstrates using site-specific data that another content within the range is more accurate.
 - (3) In the case of an emissions unit using coatings or solvents, the owner or operator shall document, through purchase receipts, records and sales receipts, the beginning and ending VOC inventories, the amount of VOC purchased during the computational period, and the amount of VOC disposed of in the liquid phase during such period.
- d. *Emission Factors.*
- (1) An owner or operator may use an emission factor to compute emissions of a pollutant for purposes of this rule provided the emission factor is based on site-specific data such as stack test data, where available, unless the owner or operator demonstrates to the department that an alternative emission factor is more accurate. An owner or operator using site-specific data to derive an emission factor, or set of factors, shall meet the following requirements.
 - (a) If stack test data are used, the emission factor shall be based on the average emissions per unit of input, output, or gas volume, whichever is appropriate, of all valid stack tests conducted during at least a five-year period encompassing the period over which the emissions are being computed, provided all stack tests used shall represent the same operational and physical configuration of the unit.
 - (b) Multiple emission factors shall be used as necessary to account for variations in emission rate associated with variations in the emissions unit's operating rate or operating conditions during the period over which emissions are computed.
 - (c) The owner or operator shall compute emissions by multiplying the appropriate emission factor by the appropriate input, output or gas volume value for the period over which the emissions are computed. The owner or operator shall not compute emissions by converting an emission factor to pounds per hour and then multiplying by hours of operation, unless the owner or operator demonstrates that such computation is the most accurate method available.
 - (2) If site-specific data are not available to derive an emission factor, the owner or operator may use a published emission factor directly applicable to the process for which emissions are computed. If no directly-applicable emission factor is available, the owner or operator may use a factor based on a similar, but different, process.
- e. *Accounting for Emissions During Periods of Missing Data from CEMS, PEMS, or CPMS.* In computing the emissions of a pollutant, the owner or operator shall account for the emissions during periods of missing data from CEMS, PEMS, or CPMS using other site-specific data to generate a reasonable estimate of such emissions.
- f. *Accounting for Emissions During Periods of Startup and Shutdown.* In computing the emissions of a pollutant, the owner or operator shall account for the emissions during periods of startup and shutdown of the emissions unit.
- g. *Fugitive Emissions.* In computing the emissions of a pollutant from a facility or emissions unit, the owner or operator shall account for the fugitive emissions of the pollutant, to the extent quantifiable, associated with such facility or emissions unit.
- h. *Recordkeeping.* The owner or operator shall retain a copy of all records used to compute emissions pursuant to this rule for a period of five years from the date on which such emissions information is submitted to the department for any regulatory purpose.

[Rule 62-210.370(1) & (2), F.A.C.]

Responsible Official

TV32. Designation and Update. The permittee shall designate and update a responsible official as required by Rule 62-213.202, F.A.C.

Prohibitions and Restrictions

TV33. Asbestos. This permit does not authorize any demolition or renovation of the facility or its parts or components which involves asbestos removal. This permit does not constitute a waiver of any of the requirements of Chapter 62-257, F.A.C., and 40 CFR 61, Subpart M, National Emission Standard for Asbestos, adopted and incorporated by reference in Rule 62-204.800, F.A.C. Compliance with Chapter 62-257, F.A.C., and 40 CFR 61, Subpart M, Section

SECTION IV. APPENDIX TV

Title V Conditions

61.145, is required for any asbestos demolition or renovation at the source. [40 CFR 61; Rule 62-204.800, F.A.C.; and, Chapter 62-257, F.A.C.]

TV34. Refrigerant Requirements. Any facility having refrigeration equipment, including air conditioning equipment, which uses a Class I or II substance (listed at 40 CFR 82, Subpart A, Appendices A and B), and any facility which maintains, services, or repairs motor vehicles using a Class I or Class II substance as refrigerant must comply with all requirements of 40 CFR 82, Subparts B and F, and with Chapter 62-281, F.A.C.

TV35. Open Burning Prohibited. Open burning is prohibited unless performed in accordance with the provisions of Rule 62-296.320(3) or Chapter 62-256, F.A.C.

APPENDIX RR

FACILITY-WIDE REPORTING REQUIREMENTS

(Version Dated 2/13/2014)

RR1. Reporting Schedule. This table summarizes information for convenience purposes only. It does not supersede any of the terms or conditions of this permit.

Report	Reporting Deadline(s)	Related Condition(s)
Plant Problems/Permit Deviations	Immediately upon occurrence (See RR2.d.)	RR2, RR3
Malfunction Excess Emissions Report	Quarterly (if requested)	RR3
Semi-Annual Monitoring Report	Every 6 months	RR4
Annual Operating Report	April 1	RR5
EAOR Title V Annual Emissions Fee Invoice and Fee Payment	April 1	RR6
Annual Statement of Compliance	Within 60 days after the end of each calendar year (or more frequently if specified by Rule 62-213.440(2), F.A.C., or by any other applicable requirement); and Within 60 days after submittal of a written agreement for transfer of responsibility, or Within 60 days after permanent shutdown.	RR7
Notification of Administrative Permit Corrections	As needed	RR8
Notification of Startup after Shutdown for More than One Year	Minimum of 60 days prior to the intended startup date or, if emergency startup, as soon as possible after the startup date is ascertained	RR9
Permit Renewal Application	225 days prior to the expiration date of permit	TV17
Test Reports	Maximum 45 days following compliance tests	TR8

{Permitting Note: See permit Section III. Emissions Units and Specific Conditions, for any additional Emission Unit-specific reporting requirements.}

RR2. Reports of Problems.

- a. Plant Operation-Problems. If the permittee 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 permittee 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 permittee from any liability for failure to comply with Department rules.
 - b. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
 - (1) A description of and cause of noncompliance; and
 - (2) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.
 - c. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.
 - d. "Immediately" shall mean the same day, if during a workday (i.e., 8:00 a.m. - 5:00 p.m.), or the first business day after the incident, excluding weekends and holidays; and, for purposes of Rule 62-4.160(15) and 40 CFR 70.6(a)(3)(iii)(B), "promptly" or "prompt" shall have the same meaning as "immediately".
- [Rule 62-4.130, Rule 62-4.160(8), Rule 62-4.160(15), and Rule 62-213.440(1)(b), F.A.C.; 40 CFR 70.6(a)(3)(iii)(B)]

APPENDIX RR
FACILITY-WIDE REPORTING REQUIREMENTS
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RR3. Reports of Deviations from Permit Requirements. The permittee shall report in accordance with the requirements of Rule 62-210.700(6), F.A.C. (below), and Rule 62-4.130, F.A.C. (condition RR2.), deviations from permit requirements, including those attributable to upset conditions as defined in the permit. Reports shall include the probable cause of such deviations, and any corrective actions or preventive measures taken.

Rule 62-210.700(6): In case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department or the appropriate Local Program in accordance with Rule 62-4.130, F.A.C. (See condition RR2.). A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department.

[Rules 62-213.440(1)(b)3.b., and 62-210.700(6)F.A.C.]

RR4. Semi-Annual Monitoring Reports. The permittee shall submit reports of any required monitoring at least every six (6) months. All instances of deviations from permit requirements must be clearly identified in such reports. [Rule 62-213.440(1)(b)3.a., F.A.C.]

RR5. Annual Operating Report. The information required by the Annual Operating Report for Air Pollutant Emitting Facility [Including Title V Source Emissions Fee Calculation] (DEP Form No. 62-210.900(5)) shall be submitted by April 1 of each year, for the previous calendar year, to the Department of Environmental Protection's Division of Air Resource Management. Each Title V source shall submit the annual operating report using the DEP's Electronic Annual Operating Report (EAOR) software, unless the Title V source claims a technical or financial hardship by submitting DEP Form No. 62-210.900(5) to the DEP Division of Air Resource Management instead of using the reporting software. Emissions shall be computed in accordance with the provisions of subsection 62-210.370(2), F.A.C. [Rules 62-210.370(2) & (3), 62-210.900 and 62-213.440(3)(a)2., F.A.C.]

RR6. EAOR Title V Annual Emissions Fee Invoice and Fee Payment. Each Title V source permitted to operate in Florida must pay between January 15 and April 1 of each year, an annual emissions fee in an amount determined as set forth in Rule 62-213.205(1), F.A.C.

- a. If the Department has not received the fee by March 1 of the year following the calendar year for which the fee is calculated, the Department will send the primary responsible official of the Title V source a written warning of the consequences for failing to pay the fee by April 1. If the fee is not postmarked or electronically submitted by April 1 of the year due, the Department shall impose, in addition to the fee, a penalty of 50 percent of the amount of the fee unpaid plus interest on such amount computed in accordance with Section 220.807, F.S. If the Department determines that a submitted fee was inaccurately calculated, the Department shall either refund to the permittee any amount overpaid or notify the permittee of any amount underpaid. The Department shall not impose a penalty or interest on any amount underpaid, provided that the permittee has timely remitted payment of at least 90 percent of the amount determined to be due and remits full payment within 60 days after receipt of notice of the amount underpaid. The Department shall waive the collection of underpayment and shall not refund overpayment of the fee, if the amount is less than one percent of the fee due, up to \$50.00. The Department shall make every effort to provide a timely assessment of the adequacy of the submitted fee. Failure to pay timely any required annual emissions fee, penalty, or interest constitutes grounds for permit revocation pursuant to Rule 62-4.100, F.A.C.
- b. Any documentation of actual hours of operation, actual material or heat input, actual production amount, or actual emissions used to calculate the annual emissions fee shall be retained by the owner for a minimum of five years and shall be made available to the Department upon request.
- c. A copy of the EAOR Title V Annual Emissions Fee Invoice generated by the electronic annual operating report (EAOR) application, must be submitted along with the annual emissions fee payment.

[Rules 62-210.370(3), 62-210.900 and 62-213.205, F.A.C.]

RR7. Annual Statement of Compliance.

- a. The permittee shall submit a Statement of Compliance with all terms and conditions of the permit that includes all the provisions of 40 CFR 70.6(c)(5)(iii), incorporated by reference at Rule 62-204.800, F.A.C., using DEP Form No. 62-213.900(2). Such statement shall be accompanied by a certification in accordance with Rule 62-213.420(4), F.A.C., for Title V requirements and with Rule 62-214.350, F.A.C., for Acid Rain requirements. Such statements shall be submitted (postmarked) to the Department and EPA:
 - (1) Annually, within 60 days after the end of each calendar year during which the Title V permit was effective, or more frequently if specified by Rule 62-213.440(2), F.A.C., or by any other applicable requirement; and

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- (2) Within 60 days after submittal of a written agreement for transfer of responsibility as required pursuant to 40 CFR 70.7(d)(1)(iv), adopted and incorporated by reference at Rule 62-204.800, F.A.C., or within 60 days after permanent shutdown of a facility permitted under Chapter 62-213, F.A.C.; provided that, in either such case, the reporting period shall be the portion of the calendar year the permit was effective up to the date of transfer of responsibility or permanent facility shutdown, as applicable.
 - b. In lieu of individually identifying all applicable requirements and specifying times of compliance with, non-compliance with, and deviation from each, the responsible official may use DEP Form No. 62-213.900(2) as such statement of compliance so long as the responsible official identifies all reportable deviations from and all instances of non-compliance with any applicable requirements and includes all information required by the federal regulation relating to each reportable deviation and instance of non-compliance.
 - c. The responsible official may treat compliance with all other applicable requirements as a surrogate for compliance with Rule 62-296.320(2), Objectionable Odor Prohibited.
- [Rules 62-213.440(3)(a)2. & 3. and (b), F.A.C.]

RR8. Notification of Administrative Permit Corrections.

A facility owner shall notify the Department by letter of minor corrections to information contained in a permit. Such notifications shall include:

- a. Typographical errors noted in the permit;
 - b. Name, address or phone number change from that in the permit;
 - c. A change requiring more frequent monitoring or reporting by the permittee;
 - d. A change in ownership or operational control of a facility, subject to the following provisions:
 - (1) The Department determines that no other change in the permit is necessary;
 - (2) The permittee and proposed new permittee have submitted an Application for Transfer of Air Permit, and the Department has approved the transfer pursuant to Rule 62-210.300(7), F.A.C.; and
 - (3) The new permittee has notified the Department of the effective date of sale or legal transfer.
 - e. Changes listed at 40 CFR 72.83(a)(1), (2), (6), (9) and (10), adopted and incorporated by reference at Rule 62-204.800, F.A.C., and changes made pursuant to Rules 62-214.340(1) and (2), F.A.C., to Title V sources subject to emissions limitations or reductions pursuant to 42 USC ss. 7651-7651o;
 - f. Changes listed at 40 CFR 72.83(a)(11) and (12), adopted and incorporated by reference at Rule 62-204.800, F.A.C., to Title V sources subject to emissions limitations or reductions pursuant to 42 USC ss. 7651-7651o, provided the notification is accompanied by a copy of any EPA determination concerning the similarity of the change to those listed at Rule 62-210.360(1)(e), F.A.C.; and
 - g. Any other similar minor administrative change at the source.
- [Rule 62-210.360, F.A.C.]

RR9. Notification of Startup. The owners or operator of any emissions unit or facility which has a valid air operation permit which has been shut down more than one year, shall notify the Department in writing of the intent to start up such emissions unit or facility, a minimum of 60 days prior to the intended startup date.

- a. The notification shall include information as to the startup date, anticipated emission rates or pollutants released, changes to processes or control devices which will result in changes to emission rates, and any other conditions which may differ from the valid outstanding operation permit.
- b. If, due to an emergency, a startup date is not known 60 days prior thereto, the owner shall notify the Department as soon as possible after the date of such startup is ascertained.

[Rule 62-210.300(5), F.A.C.]

RR10. Report Submission. The permittee shall submit all compliance related notifications and reports required of this permit to the Compliance Authority. {See front of permit for address and phone number.}**RR11. EPA Report Submission.** Any reports, data, notifications, certifications, and requests required to be sent to the United States Environmental Protection Agency, Region 4, should be sent to: Air, Pesticides & Toxics Management Division, United States Environmental Protection Agency, Region 4, Sam Nunn Atlanta Federal Center, 61 Forsyth Street SW, Atlanta, GA 30303-8960. Phone: 404/562-9077.

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- RR12.** Acid Rain Report Submission. Acid Rain Program Information shall be submitted, as necessary, to: Department of Environmental Protection, 2600 Blair Stone Road, Mail Station #5510, Tallahassee, Florida 32399-2400. Phone: 850/488-6140. Fax: 850/922-6979.
- RR13.** Report Certification. All reports shall be accompanied by a certification by a responsible official, pursuant to Rule 62-213.420(4), F.A.C. [Rule 62-213.440(1)(b)3.c, F.A.C.]
- RR14.** Certification by Responsible Official (RO). In addition to the professional engineering certification required for applications by Rule 62-4.050(3), F.A.C., any application form, report, compliance statement, compliance plan and compliance schedule submitted pursuant to Chapter 62-213, F.A.C., shall contain a certification signed by a responsible official that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. Any responsible official who fails to submit any required information or who has submitted incorrect information shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary information or correct information. [Rule 62-213.420(4), F.A.C.]
- RR15.** Confidential Information. Whenever an applicant submits information under a claim of confidentiality pursuant to Section 403.111, F.S., the applicant shall also submit a copy of all such information and claim directly to EPA. Any permittee may claim confidentiality of any data or other information by complying with this procedure. [Rules 62-213.420(2), and 62-213.440(1)(d)6., F.A.C.]
- RR16.** Forms and Instructions. The forms used by the Department in the Title V source operation program are adopted and incorporated by reference in Rule 62-213.900, F.A.C. The forms are listed by rule number, which is also the form number, and with the subject, title, and effective date. Copies of forms may be obtained by writing to the Department of Environmental Protection, Division of Air Resource Management, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, by contacting the appropriate permitting authority or by accessing the Department's web site at: <http://www.dep.state.fl.us/air/rules/forms.htm>.
- Annual Operating Report for Air Pollutant Emitting Facility [Including Title V Source Emissions Fee Calculation] (DEP Form No. 62-210.900(5)) (Effective 12/31/2013)
 - Statement of Compliance Form (Effective 06/02/2002).
 - Responsible Official Notification Form (Effective 06/02/2002).
- [Rule 62-213.900, F.A.C.: Forms (1), (7) and (8)]

APPENDIX TR
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(Version Dated 9/12/2008)

Unless otherwise specified in a specific rule, this permit, or other order, the following testing requirements apply to each emissions unit for which testing is required. An emissions test is an emissions rate test, a concentration test, or an opacity test.

TR1. Required Number of Test Runs. For emission rate or concentration limitations, an emissions test shall consist of three valid test runs to determine the total air pollutant emission rate or concentration through the test section of the stack or duct. A valid test run is a test run that meets all requirements of the applicable test method. An emissions test shall also consist of three distinct determinations of any applicable process parameters corresponding to the three distinct test run time periods during which the emission rate or concentration was measured when such data are needed in conjunction with emissions data to compare the emissions test results with the applicable emission limiting standards. Such data shall be obtained pursuant to condition **TR5**. [Subsection 62-297.310(6), F.A.C.]. The three required test runs shall be completed within one consecutive five-day period. In the event that a sample is lost or one of the three runs must be discontinued because of circumstances beyond the control of the owner or operator, and a valid third run cannot be obtained within the five day period allowed for the test, results of the two valid runs shall be accepted, provided that the arithmetic mean of the results of the two valid runs is at least 20% below the allowable emission limiting standard. [Rule 62-297.310(2), F.A.C.]

TR2. Operating Conditions during Emissions Testing. Testing of emissions shall be conducted with the emissions unit operating at the testing capacity as defined below. If it is impracticable to test at the testing capacity, an emissions unit may be tested at less than the testing capacity. If an emissions unit is tested at less than the testing capacity, another emissions test shall be conducted and completed no later than 60 days after the emissions unit operation exceeds 110% of the capacity at which its most recent emissions test was conducted.

- a. Combustion Turbines. (Reserved)
- b. All Other Sources. Testing capacity is defined as at least 90 percent of the maximum operation rate specified by the permit.

[Rule 62-297.310(3), F.A.C.]

TR3. Calculation of Emission Rate or Concentration. The emission rate or concentration used for comparison with the relevant standard shall be the arithmetic average of the emission rate or concentration determined by each of the three valid test runs unless otherwise specified in an applicable rule or test method. Data collected during periods of soot blowing shall not be excluded from any calculation of emission rate or concentration. [Rule 62-297.310(4), F.A.C.]

TR4. Required Sampling Times and Observation Periods. Unless otherwise specified in an applicable test method, rule, permit, or other order, the owner or operator shall conduct emissions tests in accordance with the following procedures:

- a. *Emission Rate or Concentration Tests.* The required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes, except that for operations that are typically completed within less than the minimum required sampling time, the duration of each test run shall include each occurrence of the operation during the minimum required sampling time. The test period shall include the period of typical operation during which the highest representative emissions are expected to occur.
- b. *Opacity Tests.* When EPA Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a visible emissions test shall be 60 minutes for emissions units that are subject to a multiple-valued opacity standard, and 30 minutes for all other emissions units, except that for batch, cyclical processes, or other operations that are typically completed within less than the minimum observation period, the period of observation shall include each occurrence of the operation during the minimum observation period. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur.

[Rule 62-297.310(5), F.A.C.]

TR5. Determination of Process Parameters.

- a. *Required Process Equipment.* The owner or operator of an emissions unit for which emissions tests are required shall install, operate, and maintain equipment or instruments necessary to determine process parameters, when such data are needed in conjunction with emissions data to compare emissions test results with applicable emission limiting standards.
- b. *Accuracy of Process Measurement Equipment.* Equipment or instruments used to directly or indirectly determine process parameters shall be calibrated and adjusted so as to determine the value of the process parameter to within 10 percent of its true value.

[Rule 62-297.310(6), F.A.C.]

TR6. Required Emissions Testing Facilities.

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- a. The owner or operator of an emissions unit, for which an emissions test other than a visible emissions test is required, shall provide emissions testing facilities that meet the requirements of 40 CFR 60.8(e), adopted and incorporated in Rule 62-204.800, F.A.C.
- b. *Permanent Emissions Testing Facilities.* The owner or operator of an emissions unit, for which an emissions test other than a visible emissions test is required on at least an annual basis, shall install and maintain permanent emissions testing facilities.
- c. *Temporary Emissions Testing Facilities.* The owner or operator of an emissions unit that is not required to conduct an emissions test on at least an annual basis may use permanent or temporary emissions testing facilities. If the owner or operator chooses to use temporary emissions testing facilities on an emissions unit, and the Department elects to test the unit, such temporary facilities shall be installed on the emissions unit within 5 days of a request by the Department and remain on the emissions unit until the test is completed.

[Rule 62-297.310(7), F.A.C.]

TR7. Frequency of Emissions Tests. The following provisions apply only to those emissions units that are subject to an emissions-limiting standard for which emissions testing is required.

a. *Annual Emissions Tests Required.*

- (1) Where used in Rules 62-210.310, 62-297.310, or Chapter 62-296, F.A.C., to refer to frequency of required emissions tests, the terms “annual”, “annually”, and “annually thereafter” shall mean no less frequently than once every calendar year (January 1 – December 31).
- (2) Unless exempted by paragraph a.(5), below [subparagraph 62-297.310(8)(a)5., F.A.C.], the owner or operator shall have an emissions unit tested annually for each of the following pollutants that has an emissions-limiting standard for which emissions testing is required:
 - (a) Each hazardous air pollutant regulated by 40 CFR Part 61, adopted and incorporated by reference at Rule 62-204.800, F.A.C.; and
 - (b) Any other regulated air pollutant, as defined at Rule 62-210.200, F.A.C., or a pollutant designated as a surrogate to a regulated air pollutant by an applicable rule or order, if allowable emissions equal or exceed 100 tons per year.
- (3) Unless exempted by paragraph a.(5), below [subparagraph 62-297.310(8)(a)5., F.A.C.], the owner or operator shall have an emissions unit tested annually for visible emissions, if there is an applicable standard other than the general opacity standard of subparagraph 62-296.320(4)(b)1., F.A.C.
- (4) Unless exempted by paragraph a.(5), below [subparagraph 62-297.310(8)(a)5., F.A.C.], the owner or operator shall have an emissions unit tested annually if a rule, permit or other order issued after March 9, 2015, requires an initial emissions test but is silent as to the frequency of additional testing. A rule, permit, or other order that states that no further testing is required after an initial test, or which expressly lists or describes the tests that shall be conducted annually, is not considered silent as to the frequency of additional testing. Annual testing is not required where a permit or other order issued prior to March 9, 2015, is silent as to the frequency of additional testing.
- (5) Exemptions from paragraphs a.(2), (3) and (4), above [subparagraphs 62-297.310(8)(a)2., 3., and 4., F.A.C.].
 - (a) An annual emissions test shall not be required for any pollutant for which a rule, permit, or other order requires emissions testing at some other specific frequency. If multiple applicable rules, permits, or other orders, other than paragraphs a.(2), (3) and (4), above [subparagraphs 62-297.310(8)(a)2., 3., and 4., F.A.C.], require different testing frequencies, testing must comply with the frequency requirements of each such rule, permit, or order.
 - (b) An annual emissions test shall not be required for any pollutant for which a rule, permit, or other order requires that the pollutant emissions be measured by a continuous emission monitoring system and, either that system meets the performance specifications and quality assurance and quality control measures of 40 CFR part 60, adopted and incorporated in Rule 62-204.800, F.A.C., or that system meets the performance specifications and quality assurance and quality control measures of 40 CFR part 75, adopted and incorporated in Rule 62-204.800, F.A.C.
 - (c) An annual emissions test shall not be required for visible emissions for which a rule, permit, or other order requires that emissions be measured by a continuous opacity monitoring system, and that system meets the performance specifications and quality assurance and quality control measures of 40 CFR part 60, adopted and incorporated in Rule 62-204.800, F.A.C., and the manufacturer’s recommended quality assurance and quality control measures.
 - (d) An annual emissions test shall not be required for any emissions unit that operated for 400 hours or less (including during startup and shutdown) during the calendar year. If an emission unit operates for more than

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- 400 hours during the calendar year, an emissions test shall be completed no later than 60 days after the emissions unit's annual operation exceeds 400 hours, or by the end of the calendar year, whichever is later.
- (e) An annual emissions test shall not be required for any emissions unit with emissions generated solely from the combustion of fuel, provided that the emissions unit does not burn any liquid fuel or solid fuel or fuel blend for more than 400 hours combined, other than during startup, during the calendar year. If an emissions unit's liquid fuel or solid fuel or fuel blend burning exceeds 400 hours combined during the calendar year, other than during startup, an emissions test shall be completed no later than 60 days after the emissions unit's liquid fuel or solid fuel or fuel blend burning exceeds 400 hours combined, or by the end of the calendar year, whichever is later.
 - (f) An annual emissions test shall not be required for each fuel-specific emissions limit, provided the fuel or fuel blend subject to a fuel-specific limit was not burned for more than 400 hours, other than during startup, during the calendar year. If an emissions unit burns a fuel or fuel blend subject to a fuel-specific emission limit for more than 400 hours, other than during startup, during the calendar year, an emissions test for that fuel or fuel blend shall be completed no later than 60 days after the unit's burning of that fuel or fuel blend exceeds 400 hours, or by the end of the calendar year, whichever is later.
 - (g) An emissions unit shall not be required to start up for the sole purpose of conducting an emissions test to meet the frequency requirements of this condition **TR7**. [Subsection 62-297.310(8), F.A.C.]. In such a case, an emissions test shall be completed no later than 60 days after the emissions unit next starts up.
 - (h) An emissions unit permitted to burn multiple fuels or fuel blends shall not be required to switch fuels for the sole purpose of conducting an annual emissions test to meet the frequency requirements of this condition **TR7**. [Subsection 62-297.310(8), F.A.C.]. In such a case, an emissions test shall be completed no later than 60 days after a switch is made to burn the fuel or fuel blend for which testing is required.
 - (i) An annual emissions test for visible emissions shall not be required for emissions units exempted from air permitting pursuant to paragraphs 62-210.300(3)(a) or (b), F.A.C.; emissions units determined to be insignificant pursuant to paragraph 62-213.430(6)(b), F.A.C.; or, emissions units authorized pursuant to the general permit provisions in subsection 62-210.300(4), F.A.C., unless the general permit specifically requires such testing.
- b. *Emissions Tests Prior to Obtaining an Air Operation Permit.*
- (1) Unless exempted by paragraph b.(3), below [subparagraph 62-297.310(8)(b)3., F.A.C.], prior to obtaining an initial or renewal air operation permit for any emissions unit that is subject to any emission-limiting standard, the owner or operator shall have an emissions test conducted for each such standard to assist in providing reasonable assurance, per Rule 62-4.070, F.A.C., that the emission-limiting standard can be met and shall submit the test report as specified in subsection 62-297.310(10), F.A.C. For an emissions unit at a Title V source, such prior emissions testing is not required provided that an emissions testing compliance plan is included in the Title V permit.
 - (2) For the purpose of renewal of an air operation permit, the owner or operator may satisfy the requirements of paragraph b.(1), above [subparagraph 62-297.310(8)(b)1., F.A.C.], for any emissions unit by submitting the most recent emissions test, as specified in condition **TR9**. [Subsection 62-297.310(10), F.A.C.], provided such test occurred within the term of the current operation permit.
 - (3) Exemptions from paragraph b.(1), above [subparagraph 62-297.310(8)(b)1., F.A.C.].
 - (a) An emissions test shall not be required for any pollutant for which a rule, permit, or other order requires that the emissions be measured by a continuous emission monitoring system and, either that system meets the performance specifications and quality assurance and quality control measures of 40 CFR part 60, adopted and incorporated in Rule 62-204.800, F.A.C., or that system meets the performance specifications and quality assurance and quality control measures of 40 CFR part 75, adopted and incorporated in Rule 62-204.800, F.A.C.
 - (b) An emissions test shall not be required for visible emissions for which a rule, permit, or other order requires that emissions be measured by a continuous opacity monitoring system, and that system meets the performance specifications and quality assurance and quality control measures of 40 CFR part 60, adopted and incorporated in Rule 62-204.800, F.A.C., and the manufacturer's recommended quality assurance and quality control measures.
 - (c) For the purpose of renewal of an air operation permit, an emissions test shall not be required for any emissions unit that, in the previous five-year period of permitted operation, operated for 400 hours or less (including during startup and shutdown) during each calendar year included in the five-year period of permitted operation. The first time an emissions unit subsequently exceeds 400 hours of operation during a calendar

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year, emissions must be tested no later than 60 days after 400 hours of operation is exceeded in that calendar year, or by the end of that calendar year, whichever is later.

- (d) For the purpose of renewal of an air operation permit, an emissions test shall not be required for any emissions unit with emissions generated solely from the combustion of fuel provided that, in the previous five-year period of permitted operation, the emissions unit did not burn any liquid fuel or solid fuel or fuel blend for more than 400 hours combined, other than during startup, during each calendar year included in the five-year period of permitted operation. The first time an emissions unit subsequently burns any liquid fuel or solid fuel or fuel blend for more than 400 hours combined during a calendar year, emissions must be tested no later than 60 days after the emissions unit's combined burning of any liquid fuel or solid fuel or fuel blend exceeds 400 hours in that calendar year, or by the end of that calendar year, whichever is later.
 - (e) An emissions test shall not be required for each fuel-specific emissions limit prior to the renewal of an air operation permit for an emissions unit provided that, in the previous five-year period of permitted operation, the fuel or fuel blend subject to a fuel-specific limit was not burned for more than 400 hours, other than during startup, during each calendar year included in the five-year period of permitted operation. The first time an emissions unit subsequently burns a fuel or fuel blend subject to a fuel-specific emission limit for more than 400 hours, other than during startup, during any calendar year, an emissions test for that fuel or fuel blend must be completed no later than 60 days after the emissions unit's burning of that fuel or fuel blend exceeds 400 hours in that calendar year, or by the end of that calendar year, whichever is later.
 - (f) An emissions unit shall not be required to start up for the sole purpose of conducting an emissions test to meet the frequency requirements of this condition **TR7**. [Subsection 62-297.310(8), F.A.C.]. In such a case, an emissions test shall be completed no later than 60 days after the emissions unit starts up.
 - (g) An emissions unit permitted to burn multiple fuels or fuel blends shall not be required to switch fuels for the sole purpose of conducting the emissions test to meet the frequency requirements of this condition **TR7**. [Subsection 62-297.310(8), F.A.C.]. In such a case, an emissions test shall be completed no later than 60 days after a switch is made to burn the fuel or fuel blend for which testing is required.
 - (h) An emissions test for visible emissions shall not be required for emissions units exempted from air permitting pursuant to paragraphs 62-210.300(3)(a) or (b), F.A.C.; emissions units determined to be insignificant pursuant to paragraph 62-213.430(6)(b), F.A.C.; or emissions units authorized pursuant to the general permit provisions in subsection 62-210.300(4), F.A.C., unless the general permit specifically requires such testing.
- c. *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 contained in a Department rule 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, unless the Department obtains other information sufficient to demonstrate compliance. The owner or operator of the emissions unit shall provide a report on the results of said tests to the Department in accordance with the provisions of condition **TR9**. [Subsection 62-297.310(10), F.A.C.].

[Rule 62-297.310(8), F.A.C.]

TR8. Scheduling and Notification. At least 15 days prior to the date on which each required emissions test is to begin, the owner or operator shall notify the air compliance program identified by permit, unless shorter notice is agreed to by the appropriate air compliance program. The notification shall include the date, time, place of each such test, Facility ID Number, Emission Unit ID Number(s) and description(s), Emission Point Number(s) and description(s), test method(s), pollutant(s) to be tested, along with the name and telephone number of the person who will be responsible for conducting such test(s) for the owner or operator. If a scheduled emissions test needs to be re-scheduled, the owner or operator shall submit to the appropriate air compliance program a revised notification at least seven days prior to the re-scheduled emissions test date or arrange a re-scheduled test date with the appropriate air compliance program by mutual agreement. [Rule 62-297.310(9), F.A.C.]

TR9. Test Reports.

- a. The owner or owner's authorized agent of an emissions unit for which an emissions test is required shall submit a written test report to the compliance authority specified by permit, on the results of each such test as soon as practicable but no later than 45 days after the last run of each test is completed. Test reports may be submitted electronically.
- b. If the owner or owner's authorized agent of an emissions unit for which an emissions test is required submits the results of each such test electronically using the EPA Electronic Reporting Tool (ERT) (<http://www.epa.gov/ttnchie1/ert/>), the

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written report specified in paragraph a., above [paragraph 62-297.310(10)(a), F.A.C.], need not be submitted, provided the conditions of paragraphs (1) – (3), below [subparagraphs 62-297.310(10)(b)1. through 3., F.A.C.], are met:

- (1) The owner or owner's authorized agent shall submit the test information using the ERT as soon as practicable but no later than 45 days after the last run of each test is completed;
 - (2) The test information shall provide, as a minimum, the information specified in paragraphs c.(1) – (24), below [subparagraphs 62-297.310(10)(c)1. through 24., F.A.C.]; and
 - (3) The compliance authority specified by permit must receive written notification, no later than 45 days after the last run of each test is completed, of the date that the test data was submitted using the ERT.
- c. The test report 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 Method 9 test, shall provide the following information:
- (1) The type, location, and identification number of the emissions unit tested.
 - (2) The facility at which the emissions unit is located.
 - (3) The owner and, if other than the owner, operator of the emissions unit.
 - (4) The type and amount of fuels and materials typically used and processed, and the actual types and amounts of fuels used and material processed during each test run.
 - (5) If necessary in order to compare the emissions test results with an applicable emission limiting standard, the means, raw data, and computations used to determine the amount of fuels used and materials processed.
 - (6) The type of air pollution control devices installed on the emissions unit, their general condition, their typical operating parameters, and their actual operating parameters during each test run.
 - (7) A diagram of the sampling location, including the distance to any upstream and downstream bends or other flow disturbances.
 - (8) The date, starting time, and duration of each sampling run.
 - (9) The test procedures, including any authorized alternative procedures, used.
 - (10) The number of points sampled, and the configuration and location of the sampling plane.
 - (11) For each sampling point for each run, the dry gas meter reading, velocity head, pressure drop across the stack or duct, temperatures, average meter temperatures, and sample time per point.
 - (12) The type, manufacturer, and configuration of the sampling equipment used.
 - (13) Data related to the required calibration of the test equipment.
 - (14) Data on the identification, processing, and weights of all filters used.
 - (15) Data on the types and amounts of any chemical solutions used.
 - (16) For each sampling run, data on the amount of pollutant collected from each sampling probe.
 - (17) For each sampling run, data on the amount of pollutant collected from the filters.
 - (18) For each sampling run, data on the amount of pollutant collected from the impingers.
 - (19) The names of individuals who furnished the process variable data, conducted the test, analyzed the samples and prepared the report.
 - (20) All measured and calculated data required to be determined by each applicable test procedure for each run.
 - (21) The detailed calculations for one run that relate the collected data to the calculated emission rate or concentration, as applicable.
 - (22) The applicable emission standard, and the resulting maximum allowable emission rate or concentration for the emissions unit, as applicable, plus the test result in the same form and unit of measure.
 - (23) When an emissions 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 owner's authorized agent shall certify that all data required and provided to the person conducting the test are true and correct to his or her knowledge.
 - (24) For non-Title V sources, a certification by the owner or owner's authorized agent that, to his or her knowledge, all data submitted are true and correct.
 - (25) Any report submitted for a Title V source shall contain certification by a responsible official. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

[Rule 62-297.310(10), F.A.C.]

APPENDIX H

PERMIT HISTORY

(Version Updated 08/25/2015)

For convenience purposes only, this table summarizes the history of air construction and Title V air operation permits.

Permit History (for tracking purposes) (Updated August 25, 2015).

E.U. ID No.	Description	Permit No.	Issue Date	Expiration Date	Type of permit	Remarks
-001	Three 1240 hp diesel engines each powering an emergency flood control pump and two 252 hp emergency generators Two 25,000-gallon above-ground fuel oil storage tanks	0990350-001-AV	05/01/1998	05/01/2003	Initial TV	
		0990350-002-AV	10/17/2003	10/16/2008	TV Renewal	
-002		0990350-003-AC	02/16/2004	02/15/2005	Construction	
		0990350-004-AV	05/05/2004	10/16/2008	TV Revision	
		0990350-005-AV	08/18/2008	08/15/2013	TV Revision	
-004	One six-cylinder 1240bhp Caterpillar pump engine [S/N 8RB00403]	0990350-006-AC 0990350-007-AV	02/20/2012	05/13/2013	Construction	Separate Emission Units were assigned for each Pump Engine
-005	One six-cylinder 1240bhp Caterpillar pump engine [S/N 8RB00401]		09/06/2013	09/06/2018	TV Renewal	
-006	One six-cylinder 1240bhp Caterpillar pump engine [S/N 8RB00397]					
-007	252bhp Cummins Onan emergency generator					
-008	252bhp Cummins Onan emergency generator					
-008	252bhp Cummins Onan emergency generator	0990350-008-AC	06/28/2013	06/27/2014	Minor Modification	Regulatory Classification redesignated as " not subject" to 40 CFR 60, Subpart IIII (NSPS).

STATEMENT OF BASIS
South Florida Water Management District
Pump Station S-6

Facility ID No.: 0990350

Title V Air Operation Permit Revision

DRAFT Permit No.: 0990350-010-AV

This Title V Air Operation Permit Revision is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210 and 62-213. The above named permittee is hereby authorized to operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

The South Florida Water Management District (SFWMD) operates a flood control pump station S-6 located on the Hillsborough Canal where the northern corner of Water Conservation Area 2-A meets with the western edge of Water Conservation Area 1 (L-6, L-7, L-15, and L-39), near the city of Belle Glade in Palm Beach County, Florida. UTM Coordinates: Zone 17; 556.2 km E; 2927.8 km N; Latitude: 26° 28' 19" North / Longitude: 80° 26' 45" West. The pump station discharges water into Water Conservation Area 1 for storage and use during dry times. In addition, the discharge tubes at this station can be back siphoned to supply irrigation water to the Everglades Agricultural Area.

The purpose of this permit is to revise Title V Air Operation Permit No. (0990350-007-AV) and to incorporate the conditions of Permit No. 0990350-009-AC to add a Cummins 79bhp LP generator for the telemetry tower located at Pump Station S-6.

The station consists of three identical pump and diesel engine combinations. The pumps are 144-inch vertical propeller, three 6-cyl 1240bhp Caterpillar Model No. 3606 engines, two 252bhp diesel engines powering two emergency electrical generators. Also, included in this permit are the following unregulated emissions units which are considered insignificant: Two 25,000-gallon aboveground storage tanks, one underground 1500 gallon propane tank, and four 250-gallons above ground day tanks less than 40 cubic meters in capacity and other miscellaneous insignificant activities.

The pump engines and the generators are subject to 40 CFR part 63 Subpart ZZZZ "National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE)". The emissions units shall comply with the applicable requirements of the 40 CFR Part 63 Subpart ZZZZ. The Cummins LP generator is subject to 40 CFR 60 Subpart JJJJ and 40 CFR 63 Subpart ZZZZ, since it was manufactured in 2014.

The facility is classified as a synthetic-minor source under the Prevention of Significant Deterioration (PSD) program and a natural minor source under the Hazardous Air Pollutant program. Potential emissions of criteria pollutants from the source are limited below the 250 ton per year – a threshold for the PSD program -- by a federally enforceable construction permit (0990350-006-AC).

CAM does not apply. Monitoring activities include the records for the fuel usage and the fuel type.

Also included in this permit are miscellaneous insignificant emissions units and/or activities.

Based on the Title V Air Operation Permit Revision application received **May 18, 2015**, this facility is not a major source of hazardous air pollutants (HAPs).