

**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

**SEPTEMBER 20, 2013**

**ELECTRONIC CORRESPONDENCE**

[jarietta@sfwmd.gov](mailto:jarietta@sfwmd.gov)

**NOTICE OF TITLE V AIR OPERATION PERMIT RENEWAL - CORRECTION**

**PERMITTEE:**

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

*Responsible Official:*

Mr. Joel Arrieta, Bureau Chief, Field Operations North,  
Operation, Maintenance Resources

|   |                |
|---|----------------|
| <b>ARMS No.:</b>                                | 0990350        |
| <b>Permit No.:</b>                              | 0990350-007-AV |
| <b>Issued:</b>                                  | 09/06/2013     |
| <b>Expires:</b>                                 | 09/05/2018     |
| <b>Renewal Application Due Date:</b> 01/23/2018 |                |

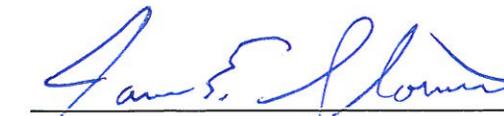
**Project:** Pump Station S-6 – Title V Operating Permit Renewal and Incorporation of Permit No. 0990350-008-AC

Dear Mr. Arrieta:

Enclosed is Air Permit No. 0990350-007-AV for the operation of a source of air pollution located in Palm Beach County. **The permit was issued on 9/6/2013, and this correction is issued to add the ‘renewal application due date’ and to correct the expiration date.**

This permit is issued pursuant to Chapter 403.087 of the Florida Statutes (F.S.) and Chapters 62-4, 62-210, 62-212, 62-296, and 62-297 of the Florida Administrative Code. Any party to this Order (Permit) has the right to seek judicial review pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure with the Health Department at the address listed below and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this Order (Permit) is filed with the Clerk of the Health Department.

*Executed in West Palm Beach, Florida*  
FLORIDA DEPARTMENT OF HEALTH - PALM BEACH COUNTY

  
James E. Stormer, Q.E.P., Environmental Administrator  
Air & Waste Section  
Division of Environmental Public Health

*For any questions, contact:*  
Laxmana Tallam, P.E., Air Permit Supervisor  
Air & Waste Section  
Florida Department of Health - Palm Beach County  
P.O. Box 29 (800 Clematis Street)  
West Palm Beach, Florida, 33402-0029

**CERTIFICATE OF SERVICE**

The undersigned duly designated agency clerk hereby certifies that the Notice of Permit and the Final Permit were sent by electronic mail (with received receipt) before the close of business on 9/20/2013 to the permittee below.

**Mr. Joel Arrieta, Bureau Chief**  
Field Operations North, Operation,  
Maintenance Resources  
South Florida Water Management District  
3301 Gun Club Road, Dept. 5400  
West Palm Beach, Florida 33406

Email [rdamian@sfwmd.gov](mailto:rdamian@sfwmd.gov)

In addition, the undersigned duly designated deputy agency clerk hereby certifies that *copies* of these documents were sent by electronic mail (with received receipt) on the same date to the following persons:

**Jeffrey A. Smith, Lead Environmental Scientist**  
South Florida Water Management District  
3301 Gun Club Road, Dept. 5432  
West Palm Beach, Florida 33406

Email [jesmith@sfwmd.gov](mailto:jesmith@sfwmd.gov)

**Barry D. Westmark, P.E.**  
Environmental Consulting & Technology, Inc. (ECT)  
1408 N. Westshore Blvd., Suite 115  
Tampa, Florida 33607

Email [bwestmark@ectinc.com](mailto:bwestmark@ectinc.com)

**Joe Lurix**  
Southeast District Office – DEP  
400 North Congress Avenue  
West Palm Beach, Florida 33401

Email [Joe.Lurix@dep.state.fl.us](mailto:Joe.Lurix@dep.state.fl.us)

**Barbara Friday, DEP-DARM**  
(for posting with Region 4 , U.S. EPA)

Email [barbara.friday@dep.state.fl.us](mailto:barbara.friday@dep.state.fl.us)

**FILING AND ACKNOWLEDGMENT FILED**, on this date, pursuant to Section 120.52(7), F.S., with the designated agency Clerk, receipt of which is hereby acknowledged.

Lapmana Pallam  
(Clerk)

9/20/2013  
(Date)

## **I. Public Notice.**

An "INTENT TO ISSUE TITLE V AIR OPERATION PERMIT RENEWAL" to South Florida Water Management District for the Pump Station S-6 located on the Hillsboro 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 Belle Glade in Palm Beach County, Florida. UTM Coordinates: Zone 17; 555.23 km E; 2928.06 km N; Latitude: 26° 28' 19" North / Longitude: 80° 26' 45" West was clerked on **May 17, 2013**.

The "PUBLIC NOTICE OF PROPOSED TITLE V AIR OPERATION PERMIT RENEWAL" was published in the **Palm Beach Post on June 9, 2013**. The PROPOSED OPERATION PERMIT RENEWAL was available for public inspection at the Department of Health Palm Beach County in West Palm Beach. Proof of publication of the "PUBLIC NOTICE OF PROPOSED TITLE V AIR OPERATION PERMIT RENEWAL" was received on **June 25, 2013**.

## **II. Public Comment(s).**

No comments were received during the 30 (thirty) day public comment period. Since no comments were received, the **DRAFT** Permit became the **PROPOSED** Permit.

## **III. EPA comments**

The Proposed permit was issued **July 10, 2013**. No comments were received from the US. EPA related to the proposed permit.

## **IV. Conclusion**

Since there were no comments received from the US EPA, the permitting authority hereby issues the FINAL Permit.

**South Florida Water Management District  
Pump Station S-6  
Facility ID No.: 0990350  
Palm Beach County, Florida**

**TITLE V AIR OPERATION PERMIT RENEWAL**

**FINAL** Permit No: 0990350-007-AV

**Permitting Authority & Compliance Authority:**

Air & Waste Section  
Department of Health Palm Beach County  
P.O. Box 29 (800 Clematis Street)  
West Palm Beach, FL 33402-0029

Telephone: (561) 837-5900  
Fax: (561) 837-5295

September 6, 2013

**Title V Air Operation Permit Renewal**

**FINAL Permit No. 0990350-007-AV**

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**PERMITTEE**

South Florida Water Management District  
3301 Gun Club Road  
West Palm Beach, FL 33046

**Responsible Official:**

Mr. Joel Arrieta, Bureau Chief  
Field Operations, Operations and Maintenance Resources

**FINAL Permit No.:** 0990350-007-AV

**ARMS ID No.:** 0990350

**SIC No:** 9511

**Effective Date:** 09/06/2013

**Expiration Date:** 09/05/2018

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

**Project:** Pump Station S-6 -- Title V Air Operation  
Permit Renewal and to Incorporate Permit No.  
0990350-008-AC

The purpose of this permit is to renew the Title V Air Operation Permit No. 0990350-005-AV and to incorporate the conditions of Permit No. 0990350-008-AC. The permit no. 0990350-008-AC removes the NSPS (40 CFR 60, Subpart IIII) applicability for EU008 (252 hp Cummins Generator #2) based on EPA's interpretation made on 02/26/2013.

The facility is located on the Hillsboro 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 Belle Glade in Palm Beach County, Florida. UTM Coordinates: Zone 17; 555.23 km E; 2928.06 km N; Latitude: 26° 28' 19" North / Longitude: 80° 26' 45" West.

This Title V Air Operation Permit Renewal 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 Florida Department of Environmental Protection (FDEP) has permitting jurisdiction under Chapter 403.087, F.S. However, in accordance with Section 403.182, F.S., the FDEP recognizes the Florida Department of Health Palm Beach County (Health Department) as the approved local air pollution control program in Palm Beach County. As such, the FDEP and the Health Department have entered into a Specific Operating Agreement that authorizes the Health Department to issue or deny permits for this type of air pollution source located in Palm Beach County.*

**Referenced attachments made as part of this permit:**

Appendix C: Common Conditions

Appendix D: DEP's approval of facility's request of extension of the compliance date for 40 CFR Part 63 Subpart ZZZZ

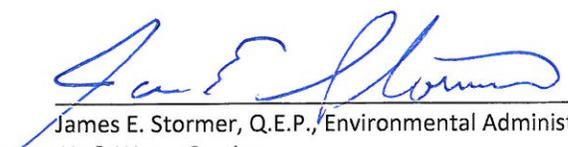
Appendix I: List of Exempt/Insignificant Emissions Units

APPENDIX TV: TITLE V CONDITIONS

Appendix RR: Facility-Wide Reporting Conditions

Appendix ZZZZ: Applicable Regulations of 40 CFR Part 63 Subpart ZZZZ "National Emission Standard for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE)"

Appendix 40 CFR 63, Subpart A: Applicable Regulations of 40 CFR Part 63 Subpart A

  
James E. Stormer, Q.E.P., Environmental Administrator  
Air & Waste Section  
Division of Environmental Public Health

**Florida Department of Health**

Division of Environmental Public Health – Palm Beach County Health Department  
800 Clematis St., P.O. Box 29 • West Palm Beach, FL 33402-0029  
PHONE: 561/837-5900 • FAX 561/837-5295

**www.FloridasHealth.com**

TWITTER: HealthyFLA  
FACEBOOK: FLDepartmentofHealth  
YOUTUBE: fldoh

## SECTION I. FACILITY INFORMATION

## SUBSECTION A. FACILITY DESCRIPTION

The Title V Source, identified as Pump Station S-6 (SIC Code 9511), has been assigned AIRS ID No. 0990350. The South Florida Water Management District (SFWMD) operates a flood control pump station 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 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 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 and one 60 hp diesel engine powering one standby air compressor. Also, included in this permit are the following unregulated emissions units which are considered insignificant: Two 25,000-gallon aboveground storage tanks, and four 250-gallons above ground day tanks less than 40 cubic meters in capacity and other miscellaneous insignificant activities.

## SUBSECTION B. SUMMARY OF EMISSION UNIT ID NOS. AND BRIEF DESCRIPTIONS

See Permit Note Below:

| EU ID No. | STATUS                   | BRIEF DESCRIPTION  |
|-----------|--------------------------|--|
| 001       | Inactive                 | <b>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</b>  |
| 002/003   | Exempt/<br>Insignificant | <b><u>Volatile Organic Liquid Storage Tanks</u></b><br>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                | <b><u>One six-cylinder 1240bhp Caterpillar pump engine</u></b><br>S/N 8RB00403, 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. Engine Installed ~1999. |
| 005       | Regulated                | <b><u>One six-cylinder 1240bhp Caterpillar pump engine</u></b><br>S/N 8RB00401, 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. Engine Installed ~1999. |
| 006       | Regulated                | <b><u>One six-cylinder 1240bhp Caterpillar pump engine</u></b><br>S/N 8RB00397, 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. Engine Installed ~1999. |
| 007       | Regulated                | <b><u>252bhp Cummins Onan Emergency Generator</u></b><br>S/N 46397802, Fuel consumption of 13 gallons per hour (~1.9 MMbtu/hr), Generator#1, Manufacture Date 05/24/04, [Subject to Subpart ZZZZ].   |
| 008       | Regulated                | <b><u>252bhp Cummins Onan Emergency Generator</u></b><br>S/N 60316812, Fuel consumption of 13 gallons per hour (~1.9 MMbtu/hr), Generator #2 Manufactured in 2004 and rebuilt in 2009 [Subject to ZZZZ].   |

*Permit Note: The pump stations were originally constructed by the U.S. Army Corps of Engineers. Ownership was transferred to the Water Management District on April 30, 1957. This facility was never required to obtain an air pollution construction or operation permit at that time because there were no applicable requirements and the primary function of these engines was emergency flood control. The Emissions Unit No. 001 is divided into three separate emissions units by this permit action. The three 6-cyl Caterpillar (Model No. 3606) 1240-BHP pumps are identified as Emissions Unit No. 004, 005 and 006, and the two 252-BHP emergency power generators are identified as Emissions Unit No. 007 and 008. This was done because of emissions standard for Carbon Monoxide (CO) per Federal Regulation (40 CFR 63 Subpart ZZZZ). Emission unit no. 002 and 003 were merged into emission unit 002.*

**SECTION I. FACILITY INFORMATION****SUBSECTION C. RELEVANT DOCUMENTS**

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.

**The following documents are provided to the permittee for information purposes only:**

- Appendix A:** Abbreviations, Acronyms, Citations, and Identification Numbers  
**Appendix H:** Permit History  
**Appendix SOB:** Statement of Basis

**The following documents are on file with the permitting authority:**Title V Operating Permit

- July 10, 2013: Proposed permit issued  
June 9, 2013: Public notice was published  
May 17, 2013: Intent to Issue and Draft Permit issued  
May 02, 2013: Response from the permittee received  
February 11, 2013: Request for Additional Information was issued  
December 26, 2012: Application for Permit No. 0990350-007-AV received

***Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s), on all correspondence, test report submittals, applications, etc.***

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**SECTION II. FACILITY-WIDE CONDITIONS**

The following conditions apply facility-wide:

- II.A.1** Regulating Agencies: All applications, reports, tests, and notifications shall be submitted to the Air Pollution Control Section of the Department of Health Palm Beach County at P.O. Box 29 (800 Clematis Street), West Palm Beach, Florida, 33402-0029, and phone number (561) 837-5900. **[Specific Operating Agreement (SOA)]**
- II.A.2.** **Appendix TV** (Title V Conditions) and **Appendix RR** (Reporting Requirements) are part of this permit.
- II.A.3.** **Appendix I**, Insignificant Emissions Units and/or Activities, is a part of this permit.  
**[Rules 62-213.440(1), 62-213.430(6), and 62-4.040(1)(b), F.A.C.]**
- II.A.4.** General Particulate Emission Limiting Standards: General Visible Emissions Standard. 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:
- (1) 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.]**
  - (2) 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.]**
  - (3) 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)4, F.A.C.]**
- II.A.5.** Excess Emissions Requirements: Unless specified elsewhere in this permit, excess emissions shall be regulated in accordance with the following: **[Rule 62-210.700, F.A.C.]**
- (1) Excess emissions resulting from startup, shutdown, or malfunction of any emission unit shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration. **[Rule 62-210.700(1), F.A.C.]**
  - (2) 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 startup, shutdown, or malfunction shall be prohibited. **[Rule 62-210.700(4), F.A.C.]**
  - (3) 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.]**
  - (4) In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the Compliance Authority in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted to the Compliance Authority in a quarterly report, if requested by the Permitting or Compliance Authority. **[Rule 62-210.700(6), F.A.C.]**
- II.A.6.** Prevention of Accidental Releases (Section 112(c) of CAA): Prevention of Accidental Releases (Section 112(c) of CAA).
- a. The permittee shall submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center when, and if, such requirement becomes applicable. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to:
- RMP Reporting Center**  
Post Office Box 1515  
Lanham-Seabrook, MD 20703-1515  
Telephone: 301/429-5018
- and,

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**SECTION II. FACILITY-WIDE CONDITIONS**

b. The permittee shall 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]**

- II.A.7.** Notifications and Reports: The permittee shall submit all compliance-related notifications and reports required by this permit to the Palm Beach County Health Department and the Florida Department of Environmental Protection's (FDEP) Southeast District Office at:

**Florida Department of Health – Palm Beach County**

Air & Waste Section  
Post Office Box 29  
800 Clematis Street, 4<sup>th</sup> 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  
400 North Congress Avenue  
West Palm Beach, Florida 33401  
Telephone: (561) 681-6600  
Fax: (561) 681-6790

- II.A.8.** 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

- II.A.9.** Title V Effective Date: When appropriate, any recording, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one. **[Rule 62-213.440, F.A.C.]**
- II.A.10.** Annual Statement of Compliance: The permittee shall provide a statement of compliance to the Permitting Authority annually, within 60 days after the end of each calendar year during which the Title V permit was effective. **[Rule 62-213.440, F.A.C.]**
- II.A.11.** Permit Renewal and Expiration: The permittee shall apply for a renewal of permit on or before the "Renewal Application Due Date" listed on page 1 of this permit. 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) and 62-213.420(3), F.A.C. Unless a Title V source submits a timely application for permit renewal in accordance with the requirements of Rule 62-4.090(1), F.A.C., the existing permit shall expire and the permittee's right to operate shall terminate. **[Rule 62-213.430(3), F.A.C.]**
- II.A.12.** 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:
- Annual Fuel Consumption: Annual fuel consumption for the pump station, including all support equipment, **shall not exceed 751,166 gallons** of distillate fuel oil per any consecutive 12 months, rolling total. **[Permittee's request to escape PSD regulations]**
- {Permitting Note: Based on the above fuel consumption limit, the total NOx emissions from the facility are 246.24 tons per year, using the manufacturer's emission factor of 4.69 lb/mmbtu.}*
- II.A.13** Annual Emissions Fee Form and Fee: The annual Title V emissions fees are due (postmarked) by March 1<sup>st</sup> of each year. The completed form and calculated fee shall be submitted to: Major Air Pollution Source Annual Emissions Fee, P.O. Box 3070, Tallahassee, Florida 32315-3070. The forms are available for download 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>. **[Rule 62-213.205, F.A.C.]**

## SECTION III. EMISSION SPECIFIC CONDITIONS

**SUBSECTION A. This subsection of the permit addresses the following group of emissions units:**

| EU ID No | Status    | Brief Description  |
|----------|-----------|--|
| 004      | Regulated | <b><u>One six-cylinder 1240bhp Caterpillar Pump Engine</u></b><br>S/N 8RB00403, 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. Engine Installed ~1999. |
| 005      | Regulated | <b><u>One six-cylinder 1240bhp Caterpillar Pump Engine</u></b><br>S/N 8RB00401, 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. Engine Installed ~1999. |
| 006      | Regulated | <b><u>One six-cylinder 1240bhp Caterpillar Pump Engine</u></b><br>S/N 8RB00397, 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. Engine Installed ~1999. |

*Note: The emission 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.*

**OPERATING RESTRICTIONS**

- III.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 the Section II. Facility-Wide General Condition No. [II.A.12](#) of this permit.
- III.A.2. 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. The authorized methods of operation include the following:
- 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.*
- III.A.3 Compliance Date:** The permittee shall comply with the applicable regulations, emission limitations and operating limitations of 40 CFR Part 63 Subpart ZZZZ by **May 3, 2014**. **Appendix D** contains the letter of approval issued by the Department of Environmental Protection (DEP). Appendix 'ZZZZ' and Appendix '40 CFR 63 Subpart A' are part of this permit. **[40 CFR 63.6585, 40 CFR 63.6590(1), 40 CFR 63.6595(a)(1), compliance extension approval by DEP on 02/25/2013]**
- III.A.4. Hours of Operation:** The permittee is authorized to operate the emissions units continuously without prior authorization from the Permitting Authority in accordance with Conditions [III.A.1](#) of this permit.
- III.A.5. 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. EMISSION SPECIFIC CONDITIONS**

**EMISSION LIMITATIONS AND STANDARDS**

**III.A.6.** 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 (O<sub>2</sub>);
- or**
- (b) Reduce CO Emissions by 70% percent or more.

**[40 CFR 63.6603(a) Table 2d]**

**TEST METHODS AND PROCEDURES**

**III.A.7.** Initial Performance Test:

(a) The permittee shall conduct the initial performance test as specified in the table below within 180 days after the compliance date as specified in the Specific Condition [III.A.3](#) of this permit.

**[40 CFR 63.6612 (a)]**

Table 4 of Subpart ZZZZ of Part 63 -- 'Requirements for the Performance Test':

| For each . . .     | Complying with the requirement to . . . | Permittee must . . .   | Using . . .                                 | According to the following requirements . . .  |
|--------------------|---|--|---|--|
| CI stationary RICE | Reduce CO emissions                     | i. Measure the O <sub>2</sub> at the inlet and outlet of the control device; and | (1) Portable CO and O <sub>2</sub> analyzer | (a) Using ASTM D6522-00 (2005) <sup>a</sup> (incorporated by reference, see 40 CFR63.14). Measurements to determine O <sub>2</sub> must be made at the same time as the measurements for CO concentration. |
|                    |   | ii. Measure the CO at the inlet and the outlet of the control device             | (1) Portable CO and O <sub>2</sub> analyzer | (a) Using ASTM D6522-00 (2005) <sup>a,b</sup> (incorporated by reference, see §63.14) or Method 10 of 40 CFR appendix A. The CO concentration must be at 15 percent O <sub>2</sub> , dry basis.            |

<sup>a</sup>The Permittee may also use Methods 3A and 10 as options to ASTM-D6522-00 (2005). The Permittee may obtain a copy of ASTM-D6522-00 (2005) from at least one of the following addresses: American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959, or University Microfilms International, 300 North Zeeb Road, Ann Arbor, MI 48106. ASTM-D6522-00 (2005) may be used to test both CI and SI stationary RICE.

<sup>b</sup>The Permittee may also use Method 320 of 40 CFR part 63, appendix A, or ASTM D6348-03.

(b) The Permittee is not required to conduct an initial performance test on a unit for which a performance test has been previously conducted, but the test must meet all of the conditions described in paragraphs (1) through (4) of this section.

- (1) The test must have been conducted using the same methods specified in 40 CFR 63 Subpart ZZZZ, and these methods must have been followed correctly.
- (2) The test must not be older than 2 years.
- (3) The test must be reviewed and accepted by the Department.
- (4) Either no process or equipment changes must have been made since the test was performed, or the owner or operator must be able to demonstrate that the results of the performance test, with or without adjustments, reliably demonstrate compliance despite process or equipment changes.

**[40 CFR 63.6612 (b)]**

**III.A.8.** Subsequent Performance Test: The permittee shall conduct subsequent performance tests as specified in Specific Condition III.A.7 (b) every 8,760 hours or 3 years, whichever comes first, **[40 CFR 63.6615; Table 3]**

## SECTION III. EMISSION SPECIFIC CONDITIONS

**III.A.9. 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 Conditions [III.A.7](#) and [III.A.8](#). 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)]:

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

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 (CO<sub>2</sub>). If pollutant concentrations are to be corrected to 15 percent oxygen and CO<sub>2</sub> concentration is measured in lieu of oxygen concentration measurement, a CO<sub>2</sub> correction factor is needed. Calculate the CO<sub>2</sub> 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 CO<sub>2</sub> 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, dsm<sup>3</sup> / J (dscf/10<sup>6</sup> Btu).

$F_c$  = Ratio of the volume of CO<sub>2</sub> produced to the gross calorific value of the fuel from Method 19, dsm<sup>3</sup> / J (dscf/10<sup>6</sup> Btu).

(ii) Calculate the CO<sub>2</sub> 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:

$X_{co_2}$  = CO<sub>2</sub> correction factor, percent.

5.9 = 20.9 percent O<sub>2</sub>-15 percent O<sub>2</sub>, the defined O<sub>2</sub> correction value, percent.

(iii) Calculate the NO<sub>x</sub> and SO<sub>2</sub> gas concentrations adjusted to 15 percent O<sub>2</sub> using CO<sub>2</sub> as follows:

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

Where:

%CO<sub>2</sub> = Measured CO<sub>2</sub> concentration measured, dry basis, percent.

**SECTION III. EMISSION SPECIFIC CONDITIONS**

- (d) The engine percent load during a performance test must be determined by documenting the calculations, assumptions, and measurement devices used to measure or estimate the percent load in a specific application. A written report of the average percent load determination must be included in the notification of compliance status. The following information must be included in the written report:
- (1) the engine model number,
  - (2) the engine manufacturer,
  - (3) the year of purchase,
  - (4) the manufacturer's site-rated brake horsepower,
  - (5) the ambient temperature, pressure, and humidity during the performance test, and
  - (6) All assumptions that were made to estimate or calculate percent load during the performance test must be clearly explained.
  - (7) If measurement devices such as flow meters, kilowatt meters, beta analyzers, stain gauges, etc. are used, the model number of the measurement device, and an estimate of its accurate in percentage of true value must be provided.

*The performance test at an area source shall be conducted at the normal operating conditions. Pursuant to Rule 40 CFR 63.6620(b), only certain major sources of HAP Emissions shall conduct the performance test at any load condition within plus or minus 10 percent of 100 percent load.*

**[40 CFR 63.6620], 40 CFR 63.7(e)(1), Rule 62-297.310, F.A.C.]**

**MONITORING, INSTALLATION, COLLECTION, OPERATION AND MAINTENANCE REQUIREMENTS**

- III.A.10.** 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 ppmvd @ 15% O<sub>2</sub> or by 70% or more as required by 40 CFR 63 Subpart ZZZZ. The DOC units are Quick-Lid Catalytic Converter, manufactured by DCL International, Inc. **[Permittee request to comply with 40 CFR Part 63 Subpart ZZZZ]**
- III.A.11.** Installation Requirements: The permittee that owns or operates an existing non-emergency, non-black start CI engine greater than or equal to 300 HP that is not equipped with a closed crankcase ventilation system, 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.
- III.A.12.** 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 **III.A.6.** **[40 CFR 63.6625(h)]**
- III.A.13.** 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.]**
- III.A.14.** 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,

**SECTION III. EMISSION SPECIFIC CONDITIONS**

monthly monitoring can be resumed.

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

- III.A.15.** 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.]**

**INITIAL COMPLIANCE**

- III.A.16.** Initial Compliance Requirement: The permittee complying with the requirement to reduce CO emissions and using oxidation catalyst shall have demonstrated the initial compliance if:
- (a) The average reduction of emissions of CO determined from the initial performance test achieves the required CO percent reduction; **and**
  - (b) The permittee has recorded the catalyst pressure drop and catalyst inlet temperature during the initial performance test. **[40 CFR 63.6630(b); Table 2b]**
- III.A.17.** During the initial performance test, the permittee shall establish each operating limitation as specified in the Specific Condition [III.A.5](#) of this permit. **[40 CFR 63.6630(b); Table 2b, and 40 CFR 63.7(e)]**
- III.A.18.** 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 [III.A.24](#) of this permit. **[40 CFR 63.6630(c)]**

**CONTINUOUS COMPLIANCE**

- III.A.19.** The permittee shall be in compliance with the emissions limitation as required in the Specific Condition [III.A.6](#) and operating limitation as required in the Specific Condition [III.A.5](#) at all times. **[40 CFR 63.6605(a)]**
- III.A.20.** 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)]**
- III.A.21.** 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 [III.A.27](#). 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 7 of Subpart ZZZZ of CFR Part 63 (Appendix ZZZZ). **[40 CFR 63.6650(h); Table 7]**

**NOTIFICATION REQUIREMENTS**

- III.A.22.** 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 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)]**

**SECTION III. EMISSION SPECIFIC CONDITIONS**

- III.A.23.** In the event the permittee is unable to conduct the performance test on the date specified in the notification requirement specified in Specific Condition [III.A.22](#) due to unforeseeable circumstances beyond his or her control, the permittee must notify the 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 Palm Beach County Health Department 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)]**
- III.A.24.** 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.  
**[40 CFR 63.6645(h); Table 4 and 5 of 40 CFR 63, Subpart ZZZZ]**

**REPORTING AND RECORDKEEPING REQUIREMENTS****III.A.25. Record Keeping Requirements:**

- (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]**

- III.A.26.** 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) Table 6]**
- (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 [III.A.20](#), 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.

**SECTION III. EMISSION SPECIFIC CONDITIONS**

- III.A.27.** 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.
  - (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)]**
- III.A.28.** The permittee shall submit each report required in Specific condition [III.A.27](#) by the date as specified below:
- (a) For semiannual Compliance reports, the first Compliance report must cover the period beginning on the compliance date as specified in Specific Condition [III.A.3](#) and ending on June 30 or December 31, whichever date is the first date following the end of the first calendar half after the compliance date.
  - (b) For semiannual Compliance reports, the first Compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date follows the end of the first calendar half after the compliance date as specified in Specific Condition [III.A.3](#).
  - (c) For semiannual Compliance reports, each subsequent 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.
  - (d) For semiannual Compliance reports, each subsequent 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); Table 7]**
- III.A.29** 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
- III.A. 30.** Performance Tests Results: The performance test results shall be mailed as a part of Notification of Compliance Status, as specified in Specific Condition [III.A.24](#) of this permit, before the close of business on the 60<sup>th</sup> day following the completion of the relevant performance tests. **[40 CFR 63.6645(h)]**

**COMMON CONDITIONS**

**SECTION III. EMISSION SPECIFIC CONDITIONS**

- III.A.31.** Common Conditions: This emissions unit is also subject to **Specific Conditions C.1 through C.20** contained in **Appendix C. Common Conditions.**

## SECTION III. EMISSION SPECIFIC CONDITIONS

SUBSECTION B. This portion of the permit addresses the following group of emissions units:

| EU ID No. | Status    | EMISSIONS UNIT DESCRIPTION   |
|-----------|-----------|--|
| 007       | Regulated | <b><u>252bhp Cummins Onan Emergency Generator</u></b><br>S/N 46397802, Fuel consumption of 13 gallons per hour (~1.9 MMbtu/hr), Generator#1, Manufacture Date 05/24/04, [Subject to Subpart ZZZZ].       |
| 008       | Regulated | <b><u>252bhp Cummins Onan Emergency Generator</u></b><br>S/N 60316812, Fuel consumption of 13 gallons per hour (~1.9 MMbtu/hr), Generator #2 Manufactured in 2004 and rebuilt in 2009 [Subject to ZZZZ]. |

**The following specific conditions apply to the emissions unit listed above:**

**OPERATING RESTRICTIONS**

**III.B.1.** 40 CFR Part 63 Subpart ZZZZ - Compliance Date: The permittee shall comply with the applicable emission limitations and operating limitations of 40 CFR Part 63 Subpart ZZZZ **no later than May 3, 2013.** See Appendix ZZZZ, and Appendix 40 CFR Part 63 Subpart A. **[40 CFR 63.6595(a)(1)]**

**EMISSIONS LIMITATIONS AND STANDARDS**

**III.B.2.** Emission Limitations: The permittee shall meet the following requirement, except during the periods of startup:

- Change oil and filter every 500 hours of operation or annually, whichever comes first;
- Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; and
- 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 ]**

**III.B.3.** 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 [III.B.2.\(a\)](#) of this permit. 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; 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, INSTALLATION, COLLECTION, OPERATION AND MAINTENANCE REQUIREMENTS**

**III.B.4.** 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(e)]**

**III.B.5.** The permittee shall install a non-resettable hour meter if one is not already installed. **[40 CFR 63.6625(f)]**

**III.B.6.** 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

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**SECTION III. EMISSION SPECIFIC CONDITIONS**

which time the emission standards applicable to all times other than startup as specified in the Specific Condition [III.B.2](#) of this permit. **[40 CFR 63.6625(h)]**

**CONTINUOUS COMPLIANCE**

- III.B.7.** The permittee shall be in compliance with the emissions limitation as required in the Specific Condition [III.B.2](#) at all times. **[40 CFR 63.6605 (a)]**
- III.B.8.** 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)]**
- III.B.9.** The Permittee shall operate an emergency stationary RICE according to the requirements in Specific Condition III.B.9.(a) through (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 III.B.9.(a) through (c), is prohibited. If you do not operate the engine according to the requirements in Specific Condition III.B.9.(a) through (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 III.B.9.(b)(1) through (3) for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by Specific Condition III.B.9.(b)(2) and (3) 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 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 emergency demand response for periods in which the Reliability Coordinator under the North American Electric Reliability Corporation (NERC) Reliability Standard EOP-002-3, Capacity and Energy Emergencies (incorporated by reference, see § 63.14), or other authorized entity as determined by the Reliability Coordinator, has declared an Energy Emergency Alert Level 2 as defined in the NERC Reliability Standard EOP- 002-3.
- (3) 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 III.B.9.(b). Except as provided in Specific Condition III.B.9.(c)(1) and (2), 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.
- (1) Prior to May 3, 2014, the 50 hours per year for non-emergency situations can be used for peak shaving or non-emergency demand response to generate income for a facility, or to otherwise supply power as part of a financial arrangement with another entity if the engine is operated as part of a peak shaving (load management

### SECTION III. EMISSION SPECIFIC CONDITIONS

program) with the local distribution system operator and the power is provided only to the facility itself or to support the local distribution system.

(2) The 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if all of the following conditions are met:

- The engine is dispatched by the local balancing authority or local transmission and distribution system operator.
  - The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.
  - The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines.
  - The power is provided only to the facility itself or to support the local transmission and distribution system.
- The owner or operator identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator.

#### [40 CFR 63.6640(f)]

- III.B.10.** 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 [III.B.11](#). 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)]**

#### **REPORTING AND RECORDKEEPING REQUIREMENTS**

- III.B.11.** 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 [III.B.10](#), 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)]**
- III.B.12.** 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)]**

**SECTION III. EMISSION SPECIFIC CONDITIONS**

- III.B.13.** 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) and Rule 40 CFR 60.4214]**
- III.B.14.** 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 [III.A.25](#) of this permit. The permittee shall take the fuel consumed by the generators into account in demonstrating compliance with the facility wide condition [II.A.12](#) of this permit. **[Rule 62-4.070(3), F.A.C.]**

COMMON CONDITIONS

- III.B.15.** Common Conditions: This emissions unit is also subject to **Specific Conditions C.1 through C.20** contained in **Appendix C., Common Conditions.**

**APPENDIX SECTION**

| <b>APPENDIX</b>          | <b>DESCRIPTION</b>  |
|--------------------------|---|
| A                        | Abbreviations, Acronyms, Citations, and Identification Numbers (version dated 02/05/97)   |
| H                        | Permit History  |
| C                        | Common Conditions   |
| Appendix D               | DEP's approval of facility's request of extension of the compliance date for 40 CFR Part 63, Subpart ZZZZ   |
| I                        | List of Exempt/Insignificant Emissions Units  |
| TV-6                     | TITLE V CONDITIONS  |
| Appendix RR:             | Facility-Wide Reporting Conditions  |
| ZZZZ                     | Applicable Regulations of 40 CFR Part 63 Subpart ZZZZ "National Emission Standard for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE)" |
| 40 CFR Part 63 Subpart A | Applicable Regulations of 40 CFR Part 63 Subpart A  |
| Appendix SOB:            | Statement of Basis  |

## Appendix A

### Abbreviations, Acronyms, Citations, and Identification Numbers (version dated 02/05/97)

#### Abbreviations and Acronyms:

°F: Degrees Fahrenheit  
**BACT**: Best Available Control Technology  
**CFR**: Code of Federal Regulations  
**DEP**: State of Florida, Department of Environmental Protection  
**DARM**: Division of Air Resource Management  
**EPA**: United States Environmental Protection Agency  
**F.A.C.**: Florida Administrative Code  
**F.S.**: Florida Statute  
**ISO**: International Standards Organization  
**LAT**: Latitude  
**LONG**: Longitude  
**MMBtu**: million British thermal units  
**MW**: Megawatt  
**ORIS**: Office of Regulatory Information Systems  
**SOA**: Specific Operating Agreement  
**UTM**: Universal Transverse Mercator

#### Citations:

*The following examples illustrate the methods used in this permit to abbreviate and cite the references of rules, regulations, permit numbers, and ID numbers.*

#### Code of Federal Regulations:

*Example:* [40 CFR 60.334]

|        |        |              |                             |
|--------|--------|--------------|-----------------------------|
| Where: | 40     | reference to | Title 40                    |
|        | CFR    | reference to | Code of Federal Regulations |
|        | 60     | reference to | Part 60                     |
|        | 60.334 | reference to | Regulation 60.334           |

#### Florida Administrative Code (F.A.C.) Rules:

*Example:* [Rule 62-213, F.A.C.]

|        |            |              |                         |
|--------|------------|--------------|-------------------------|
| Where: | 62         | reference to | Title 62                |
|        | 62-213     | reference to | Chapter 62-213          |
|        | 62-213.205 | reference to | Rule 62-213.205, F.A.C. |

**ISO**: International Standards Organization refers to those conditions at 288 degrees K, 60 percent relative humidity, and 101.3 kilopascals pressure.

#### Identification Numbers:

#### Facility Identification (ID) Number:

*Example:* Facility ID No.: 0990221

*Where:*

099 = 3-digit number code identifying the facility is located in Palm Beach County

## Appendix A

### Abbreviations, Acronyms, Citations, and Identification Numbers (version dated 02/05/97)

0221 = 4-digit number assigned by state database.

#### Permit Numbers:

*Example:* 0990221-002-AV, or  
0990221-001-AC

#### *Where:*

AC = Air Construction Permit  
AV = Air Operation Permit (Title V Source)  
099 = 3-digit number code identifying the facility is located in Palm Beach County  
0221 = 4-digit number assigned by permit tracking database  
001 or 002 = 3-digit sequential project number assigned by permit tracking database

*Example:* PSD-FL-185  
PA95-01  
AC53-208321

#### *Where:*

PSD = Prevention of Significant Deterioration Permit  
PA = Power Plant Siting Act Permit  
AC = old Air Construction Permit numbering

**Appendix H**  
**Permit History**

Permit History (for tracking purposes) (Updated April 3, 2013).

| 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<br>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     |  |
|             |   | 0990350-003-AC | 02/16/2004 | 02/15/2005      | Construction   |  |
| -002        |   | 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 | 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]   |                |            |                 |                |  |
| -006        | One six-cylinder 1240bhp Caterpillar pump engine [S/N 8RB00397]   |                |            |                 |                |  |
| -007        | 252bhp Cummins Onan emergency generator   |                |            |                 |                |  |
| -008        | 252bhp Cummins Onan emergency generator   |                |            |                 |                |  |

### Appendix C Common Conditions

This section addresses the common conditions for the following emissions units as noted within each emissions unit(s) section.

| EU ID No | Status    | Brief 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. |

*{Permitting note(s): The pump stations were originally constructed by the U.S. Army Corps of Engineers. Ownership was transferred to the Water Management District on April 30, 1957. This facility initially was never required to obtain an air pollution construction or operation permit because there were no applicable requirements and the primary function was emergency flood control. }*

*Note: The emission 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.*

**III.C.1 Required Number of Test Runs:** For mass emission limitations, a compliance test shall consist of three complete and separate determinations of the total air pollutant emission rate through the test section of the stack or duct and three complete and separate determinations of any applicable process variables corresponding to the three distinct time periods during which the stack emission rate was measured; provided, however, that three complete and separate determinations shall not be required if the process variables are not subject to variation during a compliance test, or if three determinations are not necessary in order to calculate the unit's emission rate. 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, the Secretary or his or her designee may accept the results of two complete runs as proof of compliance, provided that the arithmetic mean of the two complete runs is at least 20% below the allowable emission limiting standard. **[Rule 62-297.310(1), F.A.C.]**

**III.C.2 Operating Rate During Testing:** Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emissions unit operating at permitted capacity as defined below. If it is impractical to test at permitted capacity, an emissions unit may be tested at less than the maximum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test rate 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 62-297.301(2), F.A.C.]**

**III.C.3 Permitted Capacity:** Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. **[Rule 62-297.310(2)(b), F.A.C.]**

## Appendix C Common Conditions

- III.C.4** Calculation of Emission Rate: The indicated emission rate or concentration shall be the arithmetic average of the emission rate or concentration determined by each of the three separate test runs unless otherwise specified in a particular test method or applicable rule. **[Rule 62-297.310(3), F.A.C.]**
- III.C.5** Required Sampling Time: Unless otherwise specified in the applicable rule, 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. **[Rule 62-297.310(4)(a)1, F.A.C.]**
- III.C.6** Opacity Compliance Tests: When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:
- (a) For batch, cyclical processes, or other operations, which are normally completed within less than the minimum observation period and do not recur within that time, the period of observation shall be equal to the duration of the batch cycle or operation completion time.
  - (b) The observation period for special opacity tests that are conducted to provide data to establish a surrogate standard pursuant to Rule 62-297.310(5)(k), F.A.C., Waiver of Compliance Test Requirements, shall be established as necessary to properly establish the relationship between a proposed surrogate standard and an existing mass emission limiting standard. **[Rule 62-297.310(4)(a)2, F.A.C.]**
- III.C.7** Minimum Sample Volume: Unless otherwise specified in the applicable rule, the minimum sample volume per run shall be 25 dry standard cubic feet. **[Rule 62-297.310(4)(b), F.A.C.]**
- III.C.8** Required Flow Rate Range: For EPA Method 5 particulate sampling, acid mist/sulfur dioxide, and fluoride sampling which uses Greenburg Smith type impingers, the sampling nozzle and sampling time shall be selected such that the average sampling rate will be between 0.5 and 1.0 actual cubic feet per minute, and the required minimum sampling volume will be obtained. **[Rule 62-297.310(4)(c), F.A.C.]**
- III.C.9** Allowed Modification to EPA Method 5: When EPA Method 5 is required, the following modification is allowed: the heated filter may be separated from the impingers by a flexible tube. **[Rule 62-297.310(4)(e), F.A.C.]**
- III.C.10** Required Equipment: The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards. **[Rule 62-297.310(5)(a), F.A.C.]**
- III.C.11** Calibration of Sampling Equipment: Calibration of the sampling train equipment shall be conducted in accordance with the schedule shown in Table 297.310-1. **[Rule 62-297.310(4)(d), F.A.C.]**

**Appendix C  
 Common Conditions**

| <b>Table 297.310-1<br/>                     Calibration Schedule</b> |   |   |  |
|--|---|---|--|
| <b>Item</b>  | <b>Minimum Calibration Frequency</b>  | <b>Reference Instrument</b>   | <b>Tolerance</b>                                   |
| Liquid in glass thermometer  | Annually  | ASTM Hg in glass ref. Thermometer or equivalent, or thermometric points                   | +/-2%  |
| Bimetallic thermometer   | Quarterly   | Calib. liq. in glass thermometer  | 5 degrees F  |
| Thermocouple   | Annually  | ASTM Hg in glass ref. thermometer, NBS calibrated reference and potentiometer             | 5 degrees F  |
| Barometer  | Monthly   | Hg barometer or NOAA station  | +/-1% scale  |
| Pitot Tube   | When required or when damaged   | By construction or measurements in wind tunnel D greater than 16" and standard pitot tube | See EPA Method 2, Fig. 2-2 & 2-3                   |
| Probe Nozzles  | Before each test or when nicked, dented, or corroded<br><br>Max. deviation between readings   | Micrometer  | +/-0.001" mean of at least three readings<br>.004" |
| Dry Gas Meter and Orifice Meter                                      | Full Scale: When received, When 5% change observed, Annually<br><br>1. One Point: Semiannually<br><br>2. Check after each test series | Spirometer or calibrated wet test or dry gas test meter<br><br>Comparison check           | 2%<br><br>5%                                       |

**III.C.12 Accuracy of Equipment:** Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value. **[Rule 62-297.310(5)(b), F.A.C.]**

**III.C.13 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 a special compliance test. The special compliance test shall be conducted within 15 days of operation of the E.U. outside the design criteria of the AQCS (air quality control system). The special compliance test shall be conducted to document compliance with the emission limitations and to establish a normal range of operation. **[Rule 62-297.310(7)(b), F.A.C.]**

## Appendix C Common Conditions

- III.C.14** Waiver of Compliance Test Requirements: If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department, pursuant to the procedure established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a bag house or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply. **[Rule 62-297.310(7)(c), F.A.C.]**
- III.C.15** Compliance Test Notification: The permittee shall notify the Compliance Authority fifteen (15) days prior to Emission Unit (E.U.) testing. **[Rule 62-297.310(7)(a)(9), F.A.C.]**
- III.C.16** Compliance Test Submittal: Copies of the test report(s) shall be submitted to the Permitting Authority and the Compliance Authority within forty-five (45) days of completion of testing. **[Rule 62-297.310(8)(b), F.A.C.]**
- III.C.17** Test Reports: 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 or DEP Method 9 test, shall provide the following information: **[Rule 62-297.310(8)(c), F.A.C.]**
- (a) The type, location, and designation of the emissions unit tested.
  - (b) The facility at which the emissions unit is located.
  - (c) The owner or operator of the emissions unit.
  - (d) The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
  - (e) The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission-limiting standard.
  - (f) The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.
  - (g) A sketch of the duct within 8 stack diameters upstream and 2 stack diameters downstream of the sampling ports, including the distance to any upstream and downstream bends or other flow disturbances.
  - (h) The date, starting time, and duration of each sampling run.
  - (i) The test procedures used, including any alternative procedures authorized pursuant to Rule 62-297.620, F.A.C. Where optional procedures are authorized in this chapter, indicate which option was used.
  - (j) The number of points sampled and configuration and location of the sampling plane.
  - (k) For each sampling point for each run, the dry gas meter reading, velocity head, pressure drop across the stack, temperatures, average meter temperatures and sample time per point.
  - (l) The type, manufacturer, and configuration of the sampling equipment used.

## Appendix C Common Conditions

- (m) Data related to the required calibration of the test equipment.
- (n) Data on the identification, processing, and weights of all filters used.
- (o) Data on the types and amounts of any chemical solutions used.
- (p) Data on the amount of pollutant collected from each sampling probe, the filters, and the impingers, are reported separately for the compliance test.
- (q) The names of individuals who furnished the process variable data, conducted the test, analyzed the samples and prepared the report.
- (r) All measured and calculated data required to be determined by each applicable test procedure for each run.
- (s) The detailed calculations for one run that relate the collected data to the calculated emission rate.
- (t) The applicable emission standard, and the resulting maximum allowable emission rate for the emissions unit, plus the test result in the same form and unit of measure.
- (u) A certification that, to the knowledge of the owner or his authorized agent, all data submitted are true and correct. When a compliance test is conducted for the Department or its agent, the person who conducts the test shall provide the certification with respect to the test procedures used. The owner or his authorized agent shall certify that all data required and provided to the person conducting the test are true and correct to his knowledge.

**III.C.18** Recordkeeping: The permittee shall ensure that all records of monitoring information shall specify the date, place, and time of sampling or measurement and the operating conditions at the time of sampling or measurement, the date(s) analyses were performed, the company or entity that performed the analyses, the analytical techniques or methods used, and the results of such analyses. **[Rule 62-213.440(1)(b)2.a., F.A.C.]**

**III.C.19** Record Retention: The permittee shall retain records of all monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information shall include all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. **[Rule 62-213.440(1)(b)2.b., F.A.C.]**

**III.C.20** Alternate Sampling Procedure: The owner or operator of any emissions unit subject to the provisions of this chapter may request in writing a determination by the Secretary or his/her designee that any requirement of this chapter (except for any continuous monitoring requirements) relating to emissions test procedures, methodology, equipment, or test facilities shall not apply to such emissions unit and shall request approval of an alternate procedures or requirements. The request shall set forth the following information, at a minimum:

- (a) Specific emissions unit and permit number, if any, for which exception is requested.
- (b) The specific provision(s) of this chapter from which an exception is sought.
- (c) The basis for the exception, including but not limited to any hardship which would result from compliance with the provisions of this chapter.
- (d) The alternate procedure(s) or requirement(s) for which approval is sought and a demonstration that such alternate procedure(s) or requirement(s) shall be adequate to demonstrate compliance with

### Appendix C Common Conditions

- (e) applicable emission limiting standards contained in the rules of the Department or any permit issued pursuant to those rules.

The Secretary or his/her designee shall specify by order each alternate procedure or requirement approved for an individual emissions unit source in accordance with this section or shall issue an order denying the request for such approval. The Department's order shall be final agency action, reviewable in accordance with Section 120.57, Florida Statutes. **[Rule 62-297.620, F.A.C.]**

**Appendix D**

DEP's approval of facility's request of extension of the compliance date for 40 CFR Part 63, Subpart ZZZZ



**FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION**  
BOB MARTINEZ CENTER  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32399-2400

RICK SCOTT  
GOVERNOR

JENNIFER CARROLL  
LT. GOVERNOR

HERSCHEL T. VINYARD JR.  
SECRETARY

Michael Gallagher, Bureau Chief  
Field Operations South, Operation, Maintenance and Construction Division  
South Florida Water Management District (SFWMD)  
P.O. Box 24680  
West Palm Beach, Florida 33416-4680

Re: RICE Compliance Extension Request  
Multiple Pump Sites

Dear Mr Gallagher:

This letter is in response to your request for an extension to the May 3, 2013, compliance date for the National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines (RICE NESHAP), at 40 Code of Federal Regulations (CFR) Part 63, Subpart ZZZZ. The Florida Department of Environmental Protection (DEP) is approving SFWMD's request to extend the RICE NESHAP compliance date up to May 3, 2014. The basis and conditions for the one-year extension are described below.

SFWMD has requested up to a one-year extension to the May 3, 2013, RICE NESHAP compliance date for the 84 existing compression ignition reciprocating internal combustion engine driven generators located at various sites, as shown in Table 1. Each of the engines is located at an area source of HAP and was constructed prior to June 12, 2006; thereby, making them subject to the RICE NESHAP at 40 CFR Part 63, Subpart ZZZZ, as existing sources. This request encompasses engines located at multiple sites operating under the authority of either a Title V air operation permit, a non-Title V air operation permit, an Air General Permit, or a categorical exemption from the permitting requirements. The list of affected engines and facilities is attached as Table 1.

Due to the number of engines and budget constraints, SFWMD entered into three separate contracts for the design, purchase and installation of the necessary diesel oxidation catalyst (DOC) units. The contracts also include the design, purchase and installation of access platforms for some of the engines due the elevation of the DOC units. The Requests for Bids were issued in January 2012 (one contract) and April 2012 (two contracts). The contracts were awarded in April 2012 (one contract) and July 2012 (two contracts). In accordance with the SFWMD's procurement policies and procedures, each contract was awarded to the lowest bidder. In each case the same contractor submitted the lowest bid. Being that a single contractor was the lowest bidder on all three contracts, the SFWMD explained the resources needed and time constraints associated with the contractual obligations prior to execution of the contracts. Per the contract specifications, each contract was required to be completed prior to the May 3, 2013 compliance date.

Since issuance of the contracts the SFWMD has experienced a variety of performance based issues that have resulted in the contractor currently being behind schedule. This is the contractor's first time doing business with the SFWMD, and is not familiar with the procedures required to successfully fulfill the contract requirements. There are a total of 25 pump station sites located in six counties. This has presented the contractor with logistical issues in adequately scheduling his resources to address the multiple sites. In addition, the contractor has not provided submittals (shop drawings) in a timely manner, which has resulted in some rework. The SFWMD has also issued Notices of Non-compliance related with welding inspections, piping material, electrical related to violations of the National Electric Code and other work items.

Due to the issues listed above, the SFWMD is concerned that the contractor may not have the DOC units installed and operational by the May 3, 2013 compliance date. Pursuant to 40 CFR 63.6(i), the District is requesting a time extension of six months to the May 3, 2013 compliance date.

The compliance extension provisions at 40 CFR Section 63.6(i)(4)(i)(A), which are adopted and incorporated by reference in Rule 62-204.800(11)(d), Florida Administrative Code (F.A.C.), state that the Permitting Authority may grant an extension allowing an affected source up to one additional year to comply with the standard, if such additional period is necessary for the installation of controls. The compliance extension provisions at 40 CFR Section 63.6(i)(6)(i)(A) and (B) also state that a compliance extension request must include the following information:

*www.dep.state.fl.us*

## Appendix D

DEP's approval of facility's request of extension of the compliance date for 40 CFR Part 63, Subpart ZZZZ

### RICE Compliance Extension Approval

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- (A) A description of the controls to be installed to comply with the standard;
- (B) A compliance schedule, including the date by which each step toward compliance will be reached. At a minimum, the list of dates shall include:
  - (1) The date by which on-site construction, installation of emission control equipment, or a process change is planned to be initiated; and
  - (2) The date by which on-site construction, installation of emission control equipment, or a process change is to be completed; and
  - (3) The date by which final compliance is to be achieved.

Upon review of SFWMD's request and supporting information, we conclude that the compliance extension request provisions at 40 CFR Section 63.6(i)(6)(i)(A) and (B) have been met. Based on the above reasons and justifications, DEP grants SFWMD up to a one-year compliance extension from the RICE NESHAP regulations for each of the engines included in your request, listed in Table 1. The compliance extension is granted to provide SFWMD additional time to complete the installation of emission controls and to complete the initial compliance testing required by either 40 CFR 63.6610, 63.6611 or 63.6612, as applicable.

This compliance extension is granted subject to the following conditions:

1. The affected sources covered by this extension are limited to the engines described in Table 1, attached.
2. Installation of the necessary controls shall be completed and the initial compliance testing shall be performed as soon as practicable.
3. A notice containing the results showing successful completion of the initial performance test shall be submitted to the appropriate DEP District or Local Program compliance office within 14 days of completing the test.
4. SFWMD must comply with all applicable requirements of the RICE NESHAP regulations as of the date of successful completion of the initial compliance test for each engine or by May 3, 2014, whichever comes first.
5. Pursuant to Rule 62-213.410(2), F.A.C., this letter shall be attached to the Title V permit for each facility that operates pursuant to a Title V permit.
6. A copy of this letter shall be kept on-site at each non-Title V permitted facility and shall be made available for review upon request.
7. SFWMD shall work with the appropriate Permitting Authority to ensure that all requirements from 40 CFR 63, Subpart ZZZZ, applicable to non-emergency engines are clearly identified and incorporated into the Title V permit for each facility during the next revision or renewal of that facility's Title V permit.
8. Pursuant to Rule 62-213.410(2)(b), F.A.C., the permit shield described in Rule 62-213.460, F.A.C., shall not apply to these operating changes.

The Department will consider this action final unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, of the Florida Statutes (F.S.). Mediation under Section 120.573, F.S., will not be available for this proposed action.

A person whose substantial interests are affected by the proposed decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Department's Office of General Counsel, MS #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000. Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this notice. Petitions filed by any other person must be filed within 14 days of receipt of this proposed action. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Department's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency

**Appendix D**

DEP's approval of facility's request of extension of the compliance date for 40 CFR Part 63, Subpart ZZZZ

RICE Compliance Extension Approval

determination; (c) A statement of how and when each petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and, (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

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

Any party to this order has the right to seek judicial review of it under Section 120.68, F.S., by the filing of a Notice of Appeal, under Rule 9.110 of the Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida, 32399-3000; and, by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within thirty days from the date this notice is filed with the Clerk of the permitting authority.

Should you have questions concerning this one-year extension, please contact Jon Holtom, P.E., at (850) 717-9079, or by email at: [jon.holtom@dep.state.fl.us](mailto:jon.holtom@dep.state.fl.us).

Executed in Tallahassee, Florida.



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for Jeffery F. Koerner, Program Administrator  
Division of Air Resource Management  
Office of Permitting and Compliance

**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy agency clerk hereby certifies that this authorization, or a link to this document available electronically on a publicly accessible server, was sent by electronic mail with received receipt requested before the close of business on the date shown in the Clerk's stamp to the persons listed below.

- Michael Gallagher, SFWMD: [migallagher@sfwmd.gov](mailto:migallagher@sfwmd.gov)
- Jeffrey A. Smith, SFWMD: [jessmith@sfwmd.gov](mailto:jessmith@sfwmd.gov)
- Linda Brien, DEP-SED: [linda.brien@dep.state.fl.us](mailto:linda.brien@dep.state.fl.us)
- AJ Satyal, DEP-SD: [ajaya.satyal@dep.state.fl.us](mailto:ajaya.satyal@dep.state.fl.us)
- Cliff Bittle, Broward County EPGMD: [cbittle@broward.org](mailto:cbittle@broward.org)
- Mallika Muthia, Miami-Dade County RER: [muthim@miamidade.gov](mailto:muthim@miamidade.gov)
- Laxmana Tallam, Palm Beach County Health Department: [laxmana\\_tallam@doh.state.fl.us](mailto:laxmana_tallam@doh.state.fl.us)
- Ana Oquendo, US EPA Region 4: [oquendo.ana@epa.gov](mailto:oquendo.ana@epa.gov)
- Natasha Hazziez, US EPA Region 4: [hazziez.natasha@epa.gov](mailto:hazziez.natasha@epa.gov)
- Barbara Friday, DEP-OPC: [barbar.friday@dep.state.fl.us](mailto:barbar.friday@dep.state.fl.us)

Clerk Stamp

**FILING AND ACKNOWLEDGMENT FILED**, on this date, pursuant to §120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

**Barbara Friday**

Digitally signed by Barbara Friday  
DN: cn=Barbara Friday, o=Division of Air Resources Management, ou=FDEP, email=Barbara.Friday@dep.state.fl.us, c=US  
Date: 2013.02.25 09:58:32 -05'00'

**Appendix D**

DEP’s approval of facility’s request of extension of the compliance date for 40 CFR Part 63, Subpart ZZZZ

RICE Compliance Extension Approval

Table 1 - Compression Ignition RICE Subject to 40 CFR Part 63, Subpart ZZZZ.

| Pump Station | Engine ID | Engine Description |          | Site-Rated Horsepower | DCI Model No. <sup>1</sup> | ARMS Permit No. <sup>2</sup>      |
|--------------|-----------|--------------------|----------|-----------------------|----------------------------|-----------------------------------|
|              |           | Manufacturer       | Model    |                       |                            |                                   |
| G-310        | 1         | Fairbanks-Morse    | 38D8-1/8 | 751                   | DC64                       | 0990549-008-AC<br>0990549-009-AV  |
|              | 2         | Fairbanks-Morse    | 38D8-1/8 | 1,535                 | DC65                       |                                   |
|              | 3         | Fairbanks-Morse    | 38D8-1/8 | 1,535                 | DC65                       |                                   |
|              | 4         | Fairbanks-Morse    | 38D8-1/8 | 751                   | DC64                       |                                   |
| G-335        | 1         | Fairbanks-Morse    | 38D8-1/8 | 587                   | DC64                       | 0990550-007-AC<br>0990050-008-AV  |
|              | 2         | Fairbanks-Morse    | 38D8-1/8 | 1,535                 | DC65                       |                                   |
|              | 3         | Fairbanks-Morse    | 38D8-1/8 | 1,535                 | DC65                       |                                   |
|              | 4         | Fairbanks-Morse    | 38D8-1/8 | 587                   | DC64                       |                                   |
| G-370        | 1         | Fairbanks-Morse    | 38D8-1/8 | 1,360                 | DC65                       | 0990614-005-AC                    |
|              | 2         | Fairbanks-Morse    | 38D8-1/8 | 1,360                 | DC65                       |                                   |
|              | 3         | Fairbanks-Morse    | 38D8-1/8 | 1,360                 | DC65                       |                                   |
| G-372        | 1         | Fairbanks-Morse    | 38D8-1/8 | 1,530                 | DC65                       | 0990615-005-AC                    |
|              | 2         | Fairbanks-Morse    | 38D8-1/8 | 1,530                 | DC65                       |                                   |
|              | 3         | Fairbanks-Morse    | 38D8-1/8 | 1,530                 | DC65                       |                                   |
|              | 4         | Fairbanks-Morse    | 38D8-1/8 | 1,530                 | DC65                       |                                   |
| G-404        | 1         | Detroit Diesel     | 8V-92    | 440                   | DC18                       | 0110351-004-AC                    |
|              | 2         | Detroit Diesel     | 8V-92    | 440                   | DC18                       |                                   |
|              | 3         | Detroit Diesel     | 8V-92    | 440                   | DC18                       |                                   |
| G-420        | 1         | Caterpillar        | C-15     | 593                   | DC18                       | 0251150-002-AG                    |
|              | 2         | Caterpillar        | C-15     | 593                   | DC18                       |                                   |
|              | 3         | Caterpillar        | C-15     | 593                   | DC18                       |                                   |
| G-422        | 1         | Cummins            | KTA19G2  | 685                   | DC18                       | 0251182-002-AG                    |
|              | 2         | Cummins            | KTA19G2  | 685                   | DC18                       |                                   |
| S-2          | 1         | Fairbanks-Morse    | 38D8-1/8 | 1,120                 | DC65                       | 0990353-004-AG                    |
|              | 2         | Fairbanks-Morse    | 38D8-1/8 | 1,120                 | DC65                       |                                   |
|              | 3         | Fairbanks-Morse    | 38D8-1/8 | 1,120                 | DC65                       |                                   |
|              | 4         | Fairbanks-Morse    | 38D8-1/8 | 1,120                 | DC65                       |                                   |
| S-3          | 1         | Fairbanks-Morse    | 38D8-1/8 | 960                   | DC64                       | 0990617-003-AG                    |
|              | 2         | Fairbanks-Morse    | 38D8-1/8 | 960                   | DC64                       |                                   |
|              | 3         | Fairbanks-Morse    | 38D8-1/8 | 960                   | DC64                       |                                   |
| S-4          | 1         | Fairbanks-Morse    | 38D8-1/8 | 1,362                 | DC65                       | 0430012-004-AG                    |
|              | 2         | Fairbanks-Morse    | 38D8-1/8 | 1,362                 | DC65                       |                                   |
|              | 3         | Fairbanks-Morse    | 38D8-1/8 | 1,362                 | DC65                       |                                   |
| S-5A         | 1         | Fairbanks-Morse    | 38D8-1/8 | 1,600                 | DC68                       | 0990349-007-AC<br>099-0349-008-AV |
|              | 2         | Fairbanks-Morse    | 38D8-1/8 | 1,600                 | DC68                       |                                   |
|              | 3         | Fairbanks-Morse    | 38D8-1/8 | 1,600                 | DC68                       |                                   |
|              | 4         | Fairbanks-Morse    | 38D8-1/8 | 1,600                 | DC68                       |                                   |
|              | 5         | Fairbanks-Morse    | 38D8-1/8 | 1,600                 | DC68                       |                                   |
|              | 6         | Fairbanks-Morse    | 38D8-1/8 | 1,600                 | DC68                       |                                   |
| S-6          | 1         | Caterpillar        | 3606     | 1,240                 | DC64                       | 0990350-005-AC                    |
|              | 2         | Caterpillar        | 3606     | 1,240                 | DC64                       |                                   |
|              | 3         | Caterpillar        | 3606     | 1,240                 | DC64                       |                                   |
| S-7          | 1         | Fairbanks-Morse    | 38D8-1/8 | 800                   | DC64                       | 0990354-007-AC<br>0990354-008-AV  |
|              | 2         | Fairbanks-Morse    | 38D8-1/8 | 800                   | DC64                       |                                   |
|              | 3         | Fairbanks-Morse    | 38D8-1/8 | 800                   | DC64                       |                                   |

**Appendix I**  
**List of Exempt/insignificant Emission Units**

*The equipment and activities listed below are exempt pursuant to Rules 62-213.430(6), and 62-4.040(1)(b), F.A.C. and are considered to emit insignificant amounts of air pollution.*

| <b>BRIEF DESCRIPTION OF EMISSIONS UNIT AND/OR ACTIVITY</b>   | <b>JUSTIFICATION FOR EXEMPTION</b>                          |  |
|--|---|--|
| EU 002 & EU003 (Merged EU's): Two 25,000-gallon above-ground fuel oil storage tanks & Four 300-gallon above ground day storage tanks | <b>Rule 62-213.430(6),</b>                                  |  |
| One 60 hp diesel engine powering a standby air compressor  | <b>Rules 62-213.430(6), and 62-4.040(1)(b), F.A.C.</b>      |  |
| Surface Coating Operations   | <b>Rules 62-210.300(3)(a), F.A.C.</b>                       |  |
| Internal Combustion Engines from Vehicles  | <b>Rules 62-210.300(3)(a), F.A.C.</b>                       |  |
| Steam Cleaning Equipment   | <b>Rules 62-210.300(3)(a), F.A.C.</b>                       |  |
| Belt & Drum Sanders  | <b>Rules 62-210.300(3)(a), F.A.C.</b>                       |  |
| Brazing, Soldering or Welding Equipment  | <b>Rules 62-210.300(3)(a), F.A.C.</b>                       |  |
| Heating Units, General Purpose IC Engines and Other Combustion Sources   | <b>Rules 62-210.300(3)(a), F.A.C.</b>                       |  |
| Degreasing Units (non-HAP solvent)   | <b>Rules 62-210.300(3)(a), F.A.C.</b>                       |  |
| Petroleum Lubrication Systems  | <b>Rules 62-210.300(3)(a), F.A.C.</b>                       |  |
| Fire & Safety Equipment  | <b>Rules 62-210.300(3)(a), F.A.C.</b>                       |  |
| Fungicide, Herbicide & Pesticide Applications  | <b>Rules 62-210.300(3)(a), F.A.C.</b>                       |  |
| Asbestos Renovation & Demolition Activities  | <b>Rules 62-210.300(3)(a), F.A.C.</b>                       |  |
| Non-Halogenated Solvent Storage & Cleaning   | <b>Rules 62-210.300(3)(a), and 62-210.300(3)(b), F.A.C.</b> |  |
| Vehicle Refueling Operations and Associated Fuel Storage   | <b>Rules 62-210.300(3)(a), F.A.C.</b>                       |  |
| Abrasive Blasting Activities   | <b>Rules 62-210.300(3)(b), F.A.C.</b>                       |  |
| Distillate Oil Piping System   | <b>Rules 62-210.300(3)(b), F.A.C.</b>                       |  |

The facilities, emissions units, or pollutant-emitting activities listed in Rule 62-210.300(3)(a), F.A.C., Categorical Exemptions, are exempt from the permitting requirements of Chapters 62-210 and 62-4, F.A.C.; provided, however, that exempt emissions units shall be subject to any applicable emission limiting standards and the emissions from exempt emissions units or activities shall be considered in determining the potential emissions of the facility containing such emissions units. Emissions units and pollutant-emitting activities exempt from permitting under Rule 62-210.300(3)(a), F.A.C., shall not be exempt from the permitting requirements of Chapter 62-213, F.A.C., if they are contained within a Title V source; however, such emissions units and activities shall be considered insignificant for Title V purposes provided they also meet the criteria of Rule 62-213.430(6)(b), F.A.C. No emissions unit shall be entitled to an exemption from permitting under Rule 62.210.300(3)(a), F.A.C., if its emissions, in combination with the emissions of other units and activities at the facility, would cause the facility to emit or have the potential to emit any pollutant in such amount as to make the facility a Title V source.

## Appendix TV Title V Conditions

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### 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.]

## 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

## Appendix TV Title V Conditions

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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.]

## Appendix TV Title V Conditions

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- 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

## Appendix TV Title V Conditions

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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

## Appendix TV Title V Conditions

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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 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 9/17/2009)

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                  |
| Annual Emissions Fee Form and Fee                             | March 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".

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[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)]

- 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.
- a. The permittee shall submit to the Compliance Authority, each calendar year, on or before April 1, a completed DEP Form No 62-210.900(5), "Annual Operating Report for Air Pollutant Emitting Facility", for the preceding calendar year.
  - b. Emissions shall be computed in accordance with the provisions of Rule 62-210.370(2), F.A.C.  
[Rules 62-210.370(2) & (3), and 62-213.440(3)(a)2., F.A.C.]
- RR6. Annual Emissions Fee Form and Fee. Each Title V source permitted to operate in Florida must pay between January 15 and March 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 February 15 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 March 1. If the fee is not postmarked by March 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 1 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 (5) years and shall be made available to the Department upon request.
  - c. A completed DEP Form 62-213.900(1), "Major Air Pollution Source Annual Emissions Fee Form", must be submitted by a responsible official with the annual emissions fee.  
[Rules 62-213.205(1), (1)(g), (1)(i) & (1)(j), F.A.C.]

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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(7). 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
  - (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(7) 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. A facility owner shall notify the Department by letter of minor corrections to information contained in a permit. Such notifications shall include:
  - (1) Typographical errors noted in the permit;
  - (2) Name, address or phone number change from that in the permit;
  - (3) A change requiring more frequent monitoring or reporting by the permittee;
  - (4) A change in ownership or operational control of a facility, subject to the following provisions:
    - (a) The Department determines that no other change in the permit is necessary;
    - (b) 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
    - (c) The new permittee has notified the Department of the effective date of sale or legal transfer.
  - (5) 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;
  - (6) 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
  - (7) Any other similar minor administrative change at the source.
- b. Upon receipt of any such notification, the Department shall within 60 days correct the permit and provide a corrected copy to the owner.
- c. After first notifying the owner, the Department shall correct any permit in which it discovers errors of the types listed at Rules 62-210.360(1)(a) and (b), F.A.C., and provide a corrected copy to the owner.
- d. For Title V source permits, other than general permits, a copy of the corrected permit shall be provided to EPA and any approved local air program in the county where the facility or any part of the facility is located.  
[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.

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- 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.
- 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>.
- a. Major Air Pollution Source Annual Emissions Fee Form (Effective 10/12/2008).
  - b. Statement of Compliance Form (Effective 06/02/2002).
  - c. Responsible Official Notification Form (Effective 06/02/2002).
- [Rule 62-213.900, F.A.C.: Forms (1), (7) and (8)]

**STATEMENT OF BASIS**

**South Florida Water Management District  
Pump Station S-6  
Facility ID No.: 0990350**

**Title V Air Operation Permit Renewal  
FINAL Permit No.: 0990350-007-AV**

This Title V Air Operation Permit Renewal 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 renew the Title V Air Operation Permit No. 0990350-005-AV and to incorporate the conditions of Permit No. 0990350-008-AC. The permit no. 0990350-008-AC removes the NSPS (40 CFR 60, Subpart IIII) applicability for EU008 (252 hp Cummins Generator #2) based on EPA's interpretation made on 02/26/2013.

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 and one 60 hp diesel engine powering one standby air compressor. Also, included in this permit are the following unregulated emissions units which are considered insignificant: Two 25,000-gallon aboveground storage tanks, 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 compliance date for the Subpart ZZZZ is May 3, 2013, however the DEP approved the facility's request for extension of the compliance date for the pump engines till May 3, 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.

Title V Draft permit was issued 5/17/2013. Public notice was published on Jun 29, 2013. The proposed permit was issued July 10, 2013.

Based on the Title V Air Operation Permit Renewal application received December 26, 2012, this facility is not a major source of hazardous air pollutants (HAPs).