

NOTICE OF FINAL TITLE V AIR OPERATION PERMIT

In the Matter of an
Application for Permit:

Mr. M Michael Gallagher	FINAL Permit Project No.: 0112410-009-AV
Bureau Chief Field Operations South	South Florida Water Management District
3301 Gun Club Road, Department 5500 West Palm Beach , Florida 33406	Broward County

Enclosed is FINAL Permit, No. 011410-009--AV, for the operation of the South Florida Water Management District (SFWMD) facility located at 21939 Griffin Road, west end of the South New River Canal; at the eastern edge of the Water Conservation Area 3-A, Broward County issued pursuant to Chapter 403, Florida Statutes (F.S.).

Any party to this order (permit) 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 Office of the Broward County Attorney at 115 S. Andrews Avenue, Room: 423, Fort Lauderdale, Florida 33301-1872 (Telephone: 954/357-7600, Fax: 954/357-7641), 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.

Executed in City of Plantation, Florida.

POLLUTION PREVENTION, REMEDIATION AND
AIR QUALITY DIVISION



Clifton Bittle
Environmental Licensing Manager

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL TITLE V AIR OPERATION PERMIT (including the FINAL Determination and the FINAL Permit) was sent electronically (with Received Receipt) before the close of business on October 22, 13 to the person(s) listed or as otherwise noted:

Michael Gallagher, SFWMD via e-mail (mgallagher@sfwmd.gov)

The undersigned duly designated deputy agency clerk hereby certifies that a copy of this NOTICE OF FINAL TITLE V AIR OPERATION PERMIT was sent electronically (with Received Receipt) before the close of business on 10/22/13 to the person(s) listed or as otherwise noted:

Jeffrey Smith, SFWMD, via email
Joe Lurix, SFDEP, Air Section, Program Administrator, joe.lurix@dep.state.fl.us
Barbara Friday, BAR [barbara.friday@dep.state.fl.us] (for posting with Region 4, U.S. EPA)

Clerk Stamp

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



(Clerk) 10/22/13
(Date)

FINAL Determination

Title V Air Operation Permit
FINAL Permit No.: 0112410-009-AV
South Florida Water Management District

Page 1 of 1

I. Comment(s).

No comments were received from the USEPA during their 45 day review period of the PROPOSED Permit.

II. Conclusion.

In conclusion, the permitting authority hereby issues the FINAL Permit.

**South Florida
Water Management District (SFWMD)
Pump Station S-9/S-9A
Facility ID No.: 0112410
Broward County**

**Title V Air Operation Permit Renewal
FINAL Permit Project No.: 0112410-009-AV**

**Permitting and Compliance Authority:
Broward County Environmental Protection and Growth Management Department
Pollution Prevention, Remediation and Air Quality Division (PPRAQD)
One North University Drive, Suite 203
Plantation, Florida 33324
954-519-1220 * Fax: 954-519-1495**

Title V Air Operation Permit Renewal
FINAL Permit Project No.: 0112410-009-AV

Table of Contents

Section	Page Number
Placard Page	1
I. Facility Information	2
A. Facility Description.	
B. Summary of Emissions Unit ID No(s). and Brief Description(s).	
C. Relevant Documents.	
II. Facility-wide Conditions	4
III. Emissions Unit(s) and Conditions	
A. EU 004 thru 008, 012 - Diesel Engines for water pumping at Pump Stations S-9 and S-9A	6
B. EU 009 thru 011 - Diesel Engines for Emergency Generators at Pump Stations S-9 and S-9A	16
IV. Appendices	
Appendix 1, Applicability of General Provisions (40 CFR 63, Subpart A) to Subpart ZZZZ	21
Appendix I-1, List of Insignificant Emissions Units and/or Activities	
Appendix TV, Title V General Conditions , version dated 2/16/2012	
V. Attachments	
Attachment A, Glossary	
Attachment H-1, Permit History	
 RICE Compliance Extension Approval Letter	
 Statement of Basis	

FINAL PERMIT

Permittee:

South Florida Water Management District (SFWMD)
3301 Gun Club Road, Department 5500
West Palm Beach
Florida 33406

Permit NO.: 0112410-009-AV

Facility ID No.: 0112410

Project: Title V Air Operation Permit Renewal

SIC No(s).: 9511, NAICS: 924110

Site: Pump Station S-9 and S-9A

21939 Griffin Road, west end of the South New River Canal, at the eastern edge of the Water Conservation Area 3-A, approximately ¼ mile west of US-27 in Fort Lauderdale in Broward County, Florida.

UTM Coordinates: Zone 17, 555.857 km East and 2882.215 km North; and, Latitude: 26° 3' 42" North and Longitude: 80° 26' 37" West

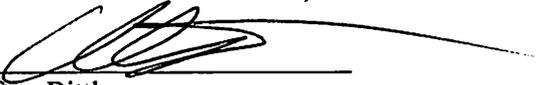
SFWMD operates diesel engines for water pumping and emergency generators at Pump Stations Nos. S-9 and S-9A in accordance with Title V air operation permit No.0112410-006-AV issued 01/10/2010. The purpose of this permit is to renew permit No. 0112410-006-AV, and to incorporate construction permit (0112410-008-AC) issued 03/06/12 to install add-on controls to existing diesel engines used for water pumping.

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.

Effective Date: October 22, 2013

Renewal Application Due Date: March 11, 2018

Expiration Date: October 22, 2018



Clifton Bittle

Environmental Licensing Manager

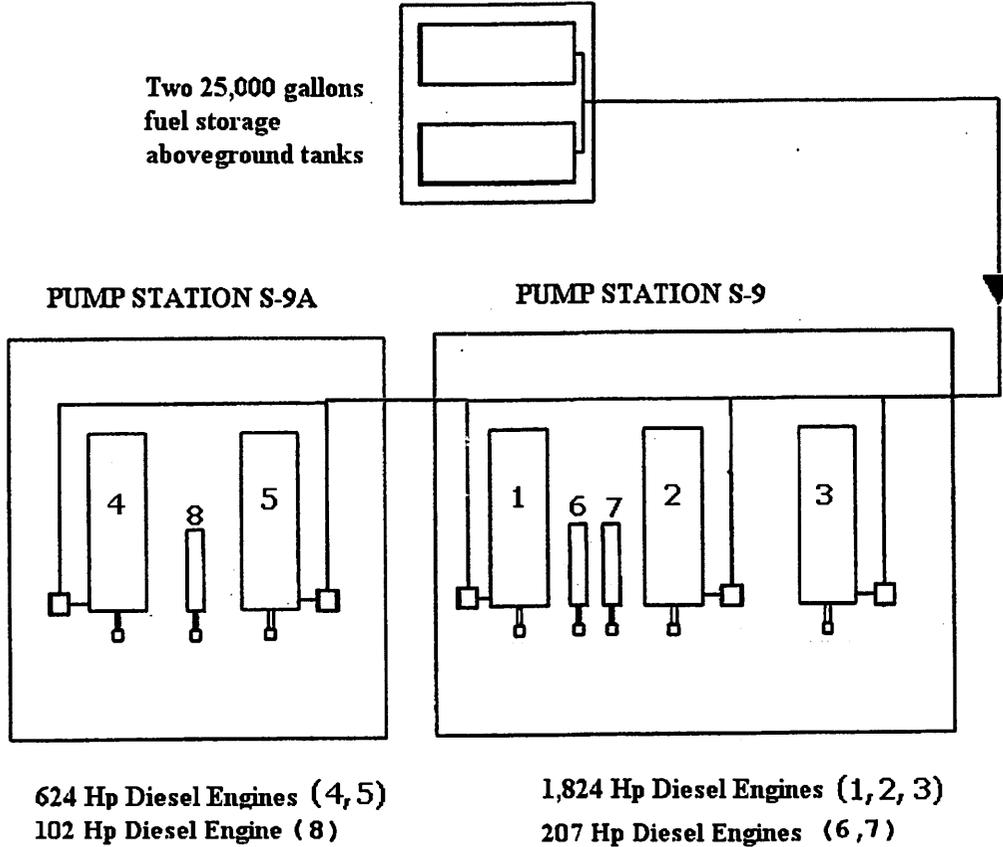
Broward County Pollution Prevention, Remediation and Air Quality Division

SECTION I. FACILITY INFORMATION

Section I. A. Facility Description.

Pump Stations S-9 and S-9A are collocated on the same property in Broward County, Florida. The pump station discharges water into Water Conservation Area 3-A for storage and use during dry times.

Pump Station S-9 operates Engines 1, 2, and 3 (see figure below) to drives three water pumps, and Pump Station S-9A operates Engines 4 and 5 to drive two water pumps. Engines 6, 7, and 8 operate three emergency generators. Both stations share the two 25,000 gallon distillate oil aboveground storage tanks.



NOx, CO, PM, SOx, and other products of combustion are generated during the operation of the diesel-fired engines and insignificant activities (see Appendix I-1, List of Insignificant Activities).

Section I. B. - Summary of Emissions Units (EU).

The source consists of the following EU:

E.U. ID	Engine No.	Pump Station	Serial No.	Site-Rated Horsepower	Manufacturer/ Function	Liters/Cylinder
004	1	S-9	8RB00325	1,824	Caterpillar Model No. 3606	18.5
005	2	S-9	8RB00330	1,824	Caterpillar Model No. 3606	18.5
006	3	S-9	8RB00348	1,824	Caterpillar Model No. 3606	18.5
007	4	S-9A	38S23502	624	Caterpillar Model No. 3412	2.3
008	5	S-9A	38S20601	624	Caterpillar Model No. 3412	2.3
009	6	S-9	45568800	207	Cummins	1.4
010	7	S-9	45568816	207	Cummins	1.4
011	8	S-9A	46123231	102	Cummins	0.9
012	9	S-9A	38S20809	624	Caterpillar Model No. 3412	2.3

SECTION I. FACILITY INFORMATION

Section I. C. - Applicable Regulations.

Title III: The facility is a natural minor under the Title III - HAP

Title V: The facility is a major source of NOx in accordance with Chapter 62-213 (Title V), F.A.C.

PSD: The facility is a synthetic minor PSD major stationary source of NOx in accordance with Rule 62-212.400(PSD), F.A.C.

NESHAP: The facility operates emission units subject to 40 CFR 63, Subpart ZZZZ - NESHAP for Stationary CI RICE.

Regulation	EU No(s).
40 CFR 63, Subpart A, NESHAP General Provisions	004 thru 012
40 CFR 63 NESHAP Subpart ZZZZ	004 thru 012

SECTION II. FACILITY-WIDE CONDITIONS

Section II. Facility-wide Conditions. The following conditions apply facility-wide to all emission units and activities:

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

{Permitting Note. Attachment H-1, Permit History < 0112410h.doc> and Attachment, A < Glossary.doc> are for information purpose.}

Emissions and Controls

FW2. Potential to Emit (PTE). The PTE to emit NO_x from the source is synthetically limited to 244 TPY by limiting the total fuel usage by all engines to 1.11 million gallons of diesel per year in accordance with the applicant's request for a fuel consumption limit.

Source Obligation. At such time the source becomes a major PSD source solely by virtue of a relaxation in the fuel consumption limit, then the requirements of subsections 62-212.400(4) through (12), F.A.C., shall apply to the source as though the modification in accordance with permit No. 0112410-002-AC had not yet commenced on the source.

[Rules 62-4.160(2), 62-210.200(PTE), and 62-212.400(12) (b), F.A.C., 0112410-002-AC]

{Permitting Note: The fuel limit serves to synthetically limit the PTE of NO_x to below the PSD major source threshold of 250 tons per year.}

FW3. Methods of Operation - (i.e., Fuels). The alternative fuels for firing the engines are standard (0.5 % S), low (0.05 % S), and ultra-low (0.0015 %S) sulfur distillate oil.

[Rule 62-213.410 (1), F.A.C., 0112410-002-AC]

FW4. General Compliance Requirements. (a) The owner or operator shall operate each CI RICE at the source in compliance with the applicable emission limitations, operating limitations, and other requirements of Subpart ZZZZ at all times.

(b) At all times the owner or operator shall operate and maintain each CI RICE, 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 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]

FW5. Not federally enforceable. Objectionable Odor Prohibited. No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An "objectionable odor" means any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [Rule 62-296.320(2) and 62-210.200(Definitions), F.A.C.]

FW6. General VOC Emissions or Organic Solvents (OS) Emissions. The owner or operator shall allow no person to store, pump, handle process, load, unload or use in any process or installation, VOC or OS without applying known and existing vapor emission control devices or systems deemed-necessary and ordered by the Department. [Rule 62-296.320(1), F.A.C.]

FW7. General Visible Emissions. No person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity equal to or greater than 20% opacity. EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C. This regulation does not impose a specific testing requirement. [Rule 62-296.320(4) (b) 1, F.A.C.]

SECTION II. FACILITY-WIDE CONDITIONS

FW8. Unconfined Particulate Matter (PM). No person shall cause, let, permit, suffer or allow the emissions of unconfined PM from any activity, including vehicular movement; transportation of materials; construction; alteration; demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions. Reasonable precautions to prevent and/or control unconfined particulate matter emissions include the following:

1. **Surface Coating Activities** - when practical, use of partial or total enclosures and limiting outdoor activities to the times of favorable weather conditions to avoid off site impacts.
2. **Lawn & Ground Maintenance** - application of water to non-vegetative areas as needed, landscaping and grass in other areas as necessary.
3. **Parking Areas** - application of water as needed.
4. **Paved and Unpaved Roads** - as needed, application of water, the removal of particulate matter from paved roads, limited site access to vehicles, and vehicle speed limitations.

[Rule 62-296.320(4) (c), F.A.C., Permit Application]

FW9. Circumvention. No person shall circumvent any air pollution device, or allow the emission of air pollutants without the applicable air pollution control device operating properly. [Rule 62-210.650, F.A.C.,]

FW10. Not Federally Enforceable.

- (1) **Concealment.** No person shall build, erect, install, or use any article, machine, equipment or other contrivance, the use of which will conceal any emission which would otherwise constitute a violation of any provisions of Broward County Codes.
- (2) **Maintenance.** No person shall operate any air pollution control equipment or systems without proper and sufficient maintenance to assure compliance with Broward County Codes. [Broward County Code, Sec. 27-175(b) & (d)]

FW11. General Provisions. The owner or operator shall comply with the applicable parts of the General Provisions in 40 CFR 63.1 through 63.15 listed in Table 8 to subpart ZZZZ (see Appendix 1, below). [40 CFR 63.6665]

Annual Reports and Fees

{Note. See Appendix RR, Facility-wide Reporting Requirements for additional details.}

FW12. Annual Operating Report. The owner or operator shall submit an annual report that summarizes the actual operating rates and emissions from this facility. Annual operating reports shall be submitted to the PPRAQD by April 1st of each year. If the report is submitted to FDEP using the FDEP electronic annual operating report software (EAOR), there is no requirement to submit a copy to PPRAQD. [Rule 62-210.370(3), F.A.C.]

FW13. Annual Emissions Fee Form and Fee. The annual Title V emissions fees are due (postmarked) by March 1st 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.]

FW14. Annual Statement of Compliance. The owner or operator shall submit an annual statement of compliance to the compliance authority at the address shown on the cover of this permit and to the USEPA within 60 days after the end of each calendar year during which the Title V permit was effective. [Rules 62-213.440(3) (a) 2. & 3 and (3) (b), F.A.C.]

FW15. Prevention of Accidental Releases (Section 112(r) of the Clean Air Act (CAA)). If and when the facility becomes subject to 112(r), the owner or operator shall:

- a. Submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center. Any Risk Management Plans, original submittals, revisions or updates

SECTION II. FACILITY-WIDE CONDITIONS

to submittals, should be sent to: RMP Reporting Center, Post Office Box 10162, Fairfax, VA 22038,
Telephone: (703) 227-7650.

- b. 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]

SECTION III: EMISSION UNITS

Section III. A. Emission Units 004 thru 008, 012

Diesel Engines for water pumping at Pump Stations S-9 and S-9A

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

E.U. ID	Engine No.	Pump Station	Serial No.	Site-Rated Horsepower
004	1	S-9	8RB00325	1,824
005	2	S-9	8RB00330	1,824
006	3	S-9	8RB00348	1,824
007	4	S-9A	38S23502	624
008	5	S-9A	38S20601	624
012	9	S-9A	38S20809	624

Each CI RICE will be equipped with DOC add-on control devices to promote the oxidation reactions of carbon monoxide (CO), hydrocarbons and partially oxidized hydrocarbons into carbon dioxide (CO₂) and water. Add-on controls are required to meet the CO emissions limit imposed by Subpart ZZZZ.

{Permitting Note: The emission units are regulated under NESHAP - 40 CFR 63, Subpart ZZZZ, Stationary Reciprocating Internal Combustion Engines adopted and incorporated by reference in Rule 62-204.800(11) (b) 82 F.A.C., except that the Secretary is not the Administrator for purposes of the authorities cited at 40 C.F.R 63.6670(c) (1) through (5)}

Permitting Note: The source was granted a ZZZZ compliance date extension (see Appendix 1) to install the DOC add-on controls and conduct testing

Emission Limitations and Standards

A.1. Emission Limitations and Operating Requirements. Emission units 004 thru 008 and 012 are subject to the requirements shown in the following tables (Table 2d and Table 2b to Subpart ZZZZ).

(Note. Compliance with the numerical emission limitations in Table 2d is based on the results of testing the average of three 1-hour runs using the testing requirements and procedures in 40 CFR 63.6620 (see Condition A.7).)

(Note. The owner or operator has selected Option B of Table 2d. Condition A.2 outlines the requirements for Compliance with Option B.)

Table 2d to Subpart ZZZZ of Part 63— Requirements for Existing Stationary RICE Located at Area Sources of HAP Emissions

<i>For each . . .</i>	<i>The owner or operator shall meet one of the following options, except during periods of startup . . .</i>
3. Non-Emergency, non-black start CI stationary RICE >500 HP	<i>Option A.</i> Limit concentration of CO in the stationary RICE exhaust to 23 ppmvd at 15 percent O ₂ ; or <i>Option B.</i> Reduce CO emissions by 70 percent or more.

Table 2b to Subpart ZZZZ of Part 63—Operating Limitations for Existing CI RICE >500 HP Located at an Area Source of HAP Emissions

<i>For each . . .</i>	<i>The owner or operator shall meet the following operating limitation . . .</i>
2. Existing CI stationary RICE >500 HP complying with the requirement to limit or reduce the	a. Maintain the catalyst so that the pressure drop across the catalyst does not change by more

SECTION III: EMISSION UNITS

concentration of CO in the stationary RICE exhaust and using an oxidation catalyst	<p>than 2 inches of water from the pressure drop across the catalyst that was measured during the initial performance test; and</p> <p>b. Maintain the temperature of the stationary RICE exhaust so that the catalyst inlet temperature is greater than or equal to 450 °F and less than or equal to 1350 °F.¹</p>
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¹Sources can petition the Administrator pursuant to the requirements of 40 CFR 63.8 (g) for a different temperature range.

[40 CFR 6603 (a)]

{Permitting Note. The owner or operator shall ensure that the installed catalytic control device is operated within the manufacturer recommended RICE exhaust temperature range to avoid invalidating the device warranty.}

A.2. Demonstrating Initial Compliance with each Emission and Operating Limitation

(a) The owner or operator shall demonstrate initial compliance with each emission limitation, operating limitation, and other requirement in Condition A.1 according to Table 5 of ZZZZ.

Table 5 to Subpart ZZZZ of Part 63—Initial Compliance with Emission Limitations and Operating Limitations

<i>For each . . .</i>	<i>If Complying with the requirement to</i>	<i>The owner or operator has demonstrated initial compliance if . . .</i>
1. existing non-emergency stationary CI RICE >500 HP located at an area source of HAP	a. Reduce CO emissions and using oxidation catalyst, and using a CPMS	<p>i. The average reduction of emissions of CO determined from the initial performance test achieves the required CO percent reduction; and</p> <p>ii. The owner or operator have installed a CPMS to continuously monitor catalyst inlet temperature according to the requirements in 40 CFR 63.6625(b) (see Condition A.8); and</p> <p>iii. The owner or operator has recorded the catalyst pressure drop and catalyst inlet temperature during the initial performance test.</p>

(b) During the initial performance test, the owner or operator shall establish each operating limitation in Table 2b of subpart ZZZZ (see Condition A.1).

(c) The owner or operator shall submit the Notification of Compliance Status containing the results of the initial compliance demonstration according to the requirements in 40 CFR 63.6645 (see Condition A.9).
[40 CFR 63.6630]

A.3. Demonstrating Continuous Compliance with the Emission Limitations and Operating Limitations

(a) The owner or operator shall demonstrate continuous compliance with each emission limitation and operating limitation in Table 2d to subpart ZZZZ (see Condition A.1) according to methods specified in Table 6 to subpart ZZZZ as follow.

Table 6 to Subpart ZZZZ of Part 63—Continuous Compliance with Emission Limitations, Operating Limitations, Work Practices, and Management Practices

SECTION III: EMISSION UNITS

<i>For each . . .</i>	<i>Complying with the requirement to . . .</i>	<i>The owner or operator shall demonstrate continuous compliance by . . .</i>
10. Existing stationary CI RICE >500 HP that are not limited use stationary RICE	a. Reduce CO emissions, or limit the concentration of CO in the stationary RICE exhaust, and using oxidation catalyst	i. Conducting performance tests every 8,760 hours or 3 years, whichever comes first, for CO to demonstrate that the required CO percent reduction is achieved; and ii. Collecting the catalyst inlet temperature data according to 40 CFR 63.6625(b) (see Condition A.8); and iii. Reducing these data to 4-hour rolling averages; and iv. Maintaining the 4-hour rolling averages within the operating limitations for the catalyst inlet temperature; and v. Measuring the pressure drop across the catalyst once per month and demonstrating that the pressure drop across the catalyst is within the operating limitation established during the performance test.

(b) *Response to deviations.* The owner or operator shall report each instance of not meeting each emission limitation or operating limitation in Table 2d (see Condition A.1). These instances are deviations from the emission and operating limitations in Subpart ZZZZ. These deviations shall be reported according to the requirements in 40 CFR 63.6650 (see Condition A.10). If the catalyst is changed, the values of the operating parameters measured during the initial performance test shall be reestablished. When reestablishing the values of the operating parameters, a performance test is also required to demonstrate that each RICE is meeting the required emission limitation.

(c) – (d) [NA for existing CI RICE].

(e) *General provisions.* The owner or operator shall also report each instance of not meeting the applicable requirements in Table 8 to subpart ZZZZ (see Appendix 1).

[40 CFR 63.6640]

A.4. Monitoring and Collecting Data to Demonstrate Continuous Compliance

(a) [Blank].

(b) Except for monitor malfunctions, associated repairs, required performance evaluations, and required quality assurance or control activities, the owner or operator shall monitor continuously at all times that the stationary RICE is operating. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions.

(c) The owner or operator may not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities in data averages and calculations used to report emission or operating levels. The owner or operator shall, however, use all the valid data collected during all other periods.

[40 CFR 63.6635]

A.5. Fuel Requirements. The owner or operator shall burn diesel fuel that meets the requirements in 40 CFR 80.510(b) for nonroad (NR) diesel fuel which requires diesel fuel to meet the following per-gallon standards:

(1) Sulfur content.

(i) 15 ppm (0.0015% S) maximum for NR diesel fuel.

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

SECTION III: EMISSION UNITS

- (i) A minimum cetane index of 40; or
 - (ii) A maximum aromatic content of 35 volume percent.
- [40 CFR 63.6604 (a)]

Testing and Monitoring Requirements

A.6. Frequency of Testing.

- (a) *Initial performance tests.* The owner or operator shall conduct initial performance test or other initial compliance demonstration according to Table 4 (see Condition A.7) and Table 5 (see Condition A.2) to this subpart within 180 days after the compliance date. [40 CFR 6612 (a), CFR 63.7(a) (2)]
- (b) *Subsequent performance tests.* The owner or operator shall conduct subsequent performance tests as specified in Table 3 to Subpart ZZZZ.

Table 3 to Subpart ZZZZ of Part 63—Subsequent Performance Tests

<i>For each . . .</i>	<i>Complying with the requirement to . . .</i>	<i>The owner or operator shall . . .</i>
4. Existing non-emergency, non-black start CI stationary RICE >500 HP that are not limited use stationary RICE	Limit or reduce CO emissions and not using a CEMS	Conduct subsequent performance tests every 8,760 hrs, or 3 years, whichever comes first.

[40 CFR 6615]

A.7. Performance Test Methods.

{Note. Appendix TR lists the general testing requirements.}

- (a) The owner or operator shall conduct each applicable performance test in Tables 3 (see Condition A.6) and the following Table 4.

Table 4 to Subpart ZZZZ of Part 63—Requirements for Performance Tests

	<i>If Complying with</i>	<i>The owner or operator shall . . .</i>	<i>According to the following requirements . . .</i>
1. CI stationary RICE	a. Reducing CO emissions	i. Measure the O ₂ at the inlet and outlet of the control device using Method 3 or 3A or 3B of 40 CFR part 60, appendix A, or ASTM Method D6522-00 (Reapproved 2005). ^{a c} ; and ii. Measure the CO at the inlet and the outlet of the control device using ASTM D6522-00 (Reapproved 2005) ^{a b c} or Method 10 of 40 CFR part 60, appendix A	(a) Measurements to determine O ₂ must be made at the same time as the measurements for CO concentration. (a) The CO concentration must be at 15 percent O ₂ , dry basis

a Incorporated by reference, see 40 CFR 63.14. May also obtain copies from University Microfilms International, 300 North Zeeb Road, Ann Arbor, MI 48106.

b May also use Method 320 of 40 CFR part 63, appendix A, or ASTM D6348-03.

c ASTM-D6522-00 (2005) may be used to test both CI and SI stationary RICE.

- (b) - (c) [Non-operational CI RICE]

SECTION III: EMISSION UNITS

(d) *Test runs.* The owner or operator shall conduct three separate test runs for each performance test required in paragraph (a) above, as specified in 40 CFR 63.7(e) (3) (see Appendix 1, below). Each test run shall last at least 1 hour.

(e) (1) *Complying with the Reduce CO emissions Option.* Equation 1 of this section shall be used to determine compliance with the percent reduction requirement:

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

Where:

C_i = concentration of 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 CO concentrations at the inlet and outlet of the control device shall be normalized to a dry basis and to 15 percent oxygen, or an equivalent percent CO₂. If pollutant concentrations are to be corrected to 15 percent oxygen and CO₂ concentration is measured in lieu of oxygen concentration measurement, a CO₂ correction factor is needed. Calculate the CO₂ correction factor as described in paragraphs (e) (2) (i) through (iii) of this section.

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

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

Where:

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

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

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

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

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

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

Where:

X_{co_2} = CO₂ correction factor, percent.

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

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

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

Where:

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

(f) [NA, Reduce CO and not using an oxidation catalyst]

(g) [NA, Petition the Administrator for approval of operating limitations if not using an oxidation catalyst]

(h) [NA, Petition the Administrator for approval of no operating limitations].

(i) [NA, Engine percent load during a performance test for new non-emergency CI stationary RICE with a site rating of greater than 500 brake HP located at a major source of HAP emissions].

[40 CFR.63.6620, Table 4 and 5 of Subpart ZZZZ]

SECTION III: EMISSION UNITS

Monitoring, Installation, Collection, Operation, and Maintenance Requirements

A.8. (a) [NA, CEMS Option]

(b) CPMS Requirement

If the owner or operator is required to install a CPMS as specified in Table 5 of Subpart ZZZZ (see Condition A.2), the owner or operator shall install, operate, and maintain each CPMS according to the requirements in paragraphs (b) (1) through (6) of this section.

(1) The owner or operator shall prepare a site-specific monitoring plan that addresses the monitoring system design, data collection, and the quality assurance and quality control elements outlined in paragraphs (b) (1) (i) through (v) of this section and in 40 CFR 63.8(d). As specified in 40 CFR 63.8(f) (4) (see Appendix 1, below), the owner or operator may request approval of monitoring system quality assurance and quality control procedures alternative to those specified in paragraphs (b) (1) through (5) of this section in the site-specific monitoring plan.

(i) The performance criteria and design specifications for the monitoring system equipment, including the sample interface, detector signal analyzer, and data acquisition and calculations;

(ii) Sampling interface (e.g, thermocouple) location such that the monitoring system will provide representative measurements;

(iii) Equipment performance evaluations, system accuracy audits, or other audit procedures;

(iv) Ongoing operation and maintenance procedures in accordance with provisions in 40 CFR 63.8(c) (1) and (c) (3) (see Appendix 1, below); and

(v) Ongoing reporting and recordkeeping procedures in accordance with provisions in 40 CFR 63.10(c), (e) (1), and (e) (2) (i) (see Appendix 1, below).

(2) The owner or operator shall install, operate, and maintain each CPMS in continuous operation according to the procedures in your site-specific monitoring plan.

(3) The CPMS shall collect data at least once every 15 minutes (see also 40 CFR 63.6635, Condition A.4).

(4) For a CPMS for measuring temperature range, the temperature sensor shall have a minimum tolerance of 2.8 degrees Celsius (5 degrees Fahrenheit) or 1 percent of the measurement range, whichever is larger.

(5) The owner or operator shall conduct the CPMS equipment performance evaluation, system accuracy audits, or other audit procedures specified in your site-specific monitoring plan at least annually.

(6) The owner or operator shall conduct a performance evaluation of each CPMS in accordance with your site-specific monitoring plan.

(c) – (f). [NA to any engine in EU 004 thru 008, and 012].

(g) Engines not equipped with a closed crankcase ventilation system

For CI engine not equipped with a closed crankcase ventilation system, the owner or operator shall comply with either paragraph (g) (1) or paragraph (g) (2) of this section. Owners and operators 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.

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

(2) 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.

(h) Engine startup time. The owner or operator shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all times other than startup in Table 2d to ZZZZ (see Condition A.1).

[40 CFR 63.6625]

SECTION III: EMISSION UNITS

Notifications, Reports, and Records

A.9. Applicable Notifications

- (a) The owner or operator shall submit all of the applicable notifications in 40 CFR 40 CFR 63.7(b) and (c), 63.8(e), (f) (4) and (f) (6), 63.9(b) through (e), and (g) and (h) (see Appendix 1, below) by the dates specified if own or operate existing stationary RICE located at an area source of HAP emissions.
- (b) - (f). [NA, major source of HAP].
- (g) *Notification of Intent to conduct a performance test.* The owner or operator shall submit a Notification of Intent to conduct a performance test at least 60 days before the performance test is scheduled to begin as required in 40 CFR 63.7(b) (1) (see Appendix 1, below).
- (h) *Notification of Compliance Status.* The owner or operator shall submit a Notification of Compliance Status according to 40 CFR 63.9(h) (2) (ii) (see Appendix 1, below).
 - (1) [NA, initial compliance demonstration that does not includes a performance test].
 - (2) For each initial compliance demonstration required in Table 5 (see Condition A.2) that includes a performance test conducted according to the requirements in Table 3 (see Condition A.6), the owner or operator shall submit the Notification of Compliance Status, including the performance test results, before the close of business on the 60th day following the completion of the performance test according to 40 CFR 63.10(d) (2) (see Appendix 1, below).

[40 CFR 63.6645]

A.10. Reporting Requirements.

- (a) *Compliance report.* The owner or operator shall submit each applicable report in Table 7 of subpart ZZZZ

Table 7 to Subpart ZZZZ of Part 63—Requirements for Reports

<i>For each ...</i>	<i>The owner or operator shall submit a compliance report. The report must contain</i>	<i>Submit the report . . .</i>
1. Existing non-emergency, non-black start stationary CI RICE >300 HP located at an area source of HAP.	<p>a. If there were no deviations from any emission limitations or operating limitations that apply, a statement that there were no deviations from the emission limitations or operating limitations during the reporting period. If there were no periods during which the CMS, including CEMS and CPMS, was out-of-control, as specified in 40 CFR 63.8(c) (7), a statement that there were not periods during which the CMS was out-of-control during the reporting period; or</p> <p>b. If there was a deviation from any emission limitation or operating limitation during the reporting period, the information in 40 CFR 63.6650(d) (see Condition A.10.d, below). If there were periods during which the CMS, including CEMS and CPMS, was out-of-control, as specified in 40 CFR 63.8(c) (7), the information in 40 CFR 63.6650(e) (see Condition A.10.e, below); or</p> <p>c. If there was a malfunction during the reporting period, the information in 40 CFR 63.6650(c) (4) (see Condition A.10.c, below).</p>	<p>i. Semiannually according to the requirements in 40 CFR 63.6650(b) (1)-(5) (see Condition A.10.b, below).</p> <p>ii. [NA, limited use RICE].</p> <p>i. Semiannually according to the requirements in 40 CFR 63.6650(b) (see Condition A.10.b, below).</p> <p>i. Semiannually according to the requirements in 40 CFR 63.6650(b) (see Condition A.10.b, below).</p>

SECTION III: EMISSION UNITS

- (b) *Reports submission dates.* Unless the Administrator has approved a different schedule for submission of reports under 40 CFR 63.10(a), the owner or operator shall submit each report by the date in Table 7 in paragraph (a) and according to the requirements in paragraphs (b) (1) through (b) (9) of this section.
- (1) For semiannual Compliance reports, the first Compliance report shall cover the period beginning on the compliance date 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.
 - (2) For semiannual Compliance reports, the first Compliance report shall 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.
 - (3) For semiannual Compliance reports, each subsequent Compliance report shall cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.
 - (4) For semiannual Compliance reports, each subsequent Compliance report shall 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.
 - (5) For each stationary RICE that is subject to permitting regulations pursuant to 40 CFR part 70 or 71, and if the permitting authority has established dates for submitting semiannual reports pursuant to 40 CFR 70.6(a) (3) (iii) (A) or 40 CFR 71.6 (a) (3) (iii) (A), the owner or operator may submit the first and subsequent Compliance reports according to the dates the permitting authority has established instead of according to the dates in paragraphs (b) (1) through (b) (4) of this section.
 - (6) For annual Compliance reports, the first Compliance report shall cover the period beginning on the compliance date and ending on December 31.
 - (7) For annual Compliance reports, the first Compliance report shall be postmarked or delivered no later than January 31 following the end of the first calendar year after the compliance date.
 - (8) For annual Compliance reports, each subsequent Compliance report shall cover the annual reporting period from January 1 through December 31.
 - (9) For annual Compliance reports, each subsequent Compliance report shall be postmarked or delivered no later than January 31.
- (c) *Report content.* The Compliance report shall contain the information in paragraphs (c) (1) through (6) of this section.
- (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) If there was a malfunction during the reporting period, the compliance report shall 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 shall also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with 40 CFR 63.6605(b) (see Condition FW4), including actions taken to correct a malfunction.
 - (5) If there are no deviations from any applicable emission or operating limitations, a statement that there were no deviations from the emission or operating limitations during the reporting period.
 - (6) If there were no periods during which the continuous monitoring system (CMS), including CEMS and CPMS, was out-of-control, as specified in 40 CFR 63.8(c) (7), a statement that there were no periods during which the CMS was out-of-control during the reporting period.
- (d) [NA, RICE *without* a CMS].
- (e) *RICE with a CMS.* For each deviation from an emission or operating limitation occurring for each RICE using a CMS to comply with the emission and operating limitations in Subpart ZZZZ, the owner or operator shall include information in paragraphs (c) (1) through (4) and (e) (1) through (12) of Condition A.10.
- (1) The date and time that each malfunction started and stopped.

SECTION III: EMISSION UNITS

- (2) The date, time, and duration that each CMS was inoperative, except for zero (low-level) and high-level checks.
 - (3) The date, time, and duration that each CMS was out-of-control, including the information in 40 CFR 63.8(c) (8).
 - (4) The date and time that each deviation started and stopped, and whether each deviation occurred during a period of malfunction or during another period.
 - (5) A summary of the total duration of the deviation during the reporting period, and the total duration as a percent of the total source operating time during that reporting period.
 - (6) A breakdown of the total duration of the deviations during the reporting period into those that are due to control equipment problems, process problems, other known causes, and other unknown causes.
 - (7) A summary of the total duration of CMS downtime during the reporting period, and the total duration of CMS downtime as a percent of the total operating time of the stationary RICE at which the CMS downtime occurred during that reporting period.
 - (8) An identification of each parameter and pollutant (CO or formaldehyde) that was monitored at the stationary RICE.
 - (9) A brief description of the stationary RICE.
 - (10) A brief description of the CMS.
 - (11) The date of the latest CMS certification or audit.
 - (12) A description of any changes in CMS, processes, or controls since the last reporting period.
- (f) *TV semiannual report.* Sources shall report all deviations as defined in Subpart ZZZZ in the semiannual monitoring report required by 40 CFR70.6 (a) (3) (iii) (A) or 40 CFR71.6(a) (3) (iii) (A) (State and Federal Operating Permit Programs). If a source submits a Compliance report pursuant to Table 7 (see Condition A.10) along with, or as part of, the semiannual monitoring report required by 40 CFR70.6(a) (3) (iii) (A) or 40 CFR71.6(a) (3) (iii) (A), and the Compliance report includes all required information concerning deviations from any emission or operating limitation in Subpart ZZZZ, 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 the affected source may have to report deviations from permit requirements to the permit authority.

[40 CFR 63.6650]

A.11. Recordkeeping Requirements.

- (a) The owner or operator shall keep the records described in paragraphs (a) (1) through (a) (5), (b) (1) through (b) (3) and (c) of this section.
 - (1) A copy of each notification and report that was submitted to comply with Subpart ZZZZ, including all documentation supporting any Initial Notification or Notification of Compliance Status that was submitted, according to the requirement in 40 CFR 63.10(b) (2) (xiv) (see Appendix 1, below).
 - (2) Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.
 - (3) Records of performance tests and performance evaluations as required in 40 CFR 63.10(b) (2) (viii) (see Appendix 1, below).
 - (4) Records of all required maintenance performed on the air pollution control and monitoring equipment.
 - (5) Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.6605(b) (see Condition FW4), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.
- (b) For each CEMS or CPMS, the owner or operator shall keep the records listed in paragraphs (b) (1) through (3) of this section.
 - (1) Records described in 40 CFR 63.10(b) (2) (vi) through (xi) (see Appendix 1, below).
 - (2) Previous (i.e., superseded) versions of the performance evaluation plan as required in 40 CFR 63.8(d) (3) (see Appendix 1, below).

SECTION III: EMISSION UNITS

(3) Requests for alternatives to the relative accuracy test for CEMS or CPMS as required in 40 CFR 63.8(f) (6) (i) (see Appendix 1, below), if applicable.

(c) [NA, landfill gas].

(d) The owner or operator shall keep the records required in Table 6 in Condition A.3 to show continuous compliance with each applicable emission or operating limitation.

(e) The owner or operator shall keep records of the maintenance conducted on the stationary RICE in order to demonstrate that the RICE and after-treatment control device was operated and maintained according to source maintenance plan.

[40 CFR 63.6655]

A.12. Records - Form and Retention Period

(a) Records shall be in a form suitable and readily available for expeditious review according to 40 CFR 63.10(b) (1) (see Appendix 1, below).

(b) As specified in 40 CFR 63.10(b) (1), the owner or operator shall keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.

(c) The owner or operator shall keep each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b) (1) (see Appendix 1, below).

[40 CFR 63.6660]

A.13. Compliance Test Report Submittal. The compliance test report shall be submitted to the PPRAQD as soon as practicable, but no later than 45 days after the last test is completed.

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

A.14. Compliance Test Report Information. The compliance test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow PPRAQD to determine if the test was properly conducted and the test results properly computed. As a minimum, the test report shall provide the following information:

1. The type, location, and a general layout of the emissions unit tested including a sketch of the duct within 8 stack diameters upstream of the sampling point, including the distance to any upstream bends or other flow disturbances.
2. The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters, and their operating parameters during each test run.
3. Test equipment specifications with instrument and calibration information. Data related to the required calibration of the test equipment.
4. Measurement and data acquisition/ analysis/ computation procedures to obtain all measured and calculated data to determine compliance with the emission limiting standard.
5. The names of individuals, who furnished the process variable data, conducted the test, analyzed the samples and prepared the report.
6. A certification that, to the knowledge of the owner or his authorized agent, all data submitted is true and correct. When a compliance test is conducted for the PPRAQD, 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.

[Rule 62-297.310(8) (c), and 62-4.070(3) F.A.C.]

SECTION III: EMISSION UNITS

Section III. B. Emission Units 009 thru 011

Diesel Engines for Emergency Generators at Pump Stations S-9 and S-9A

This section addresses the following emissions unit:

E.U. ID	Engine No.	Pump Station	Serial No.	Site-Rated Horsepower
009	6	S-9	45568800	207
010	7	S-9	45568816	207
011	8	S-9A	46123231	102

EU 009 thru 011 consists of CI RICE used to operate emergency generators.

{Permitting Note: This emission unit is regulated under NESHAP - 40 CFR 63, Subpart ZZZZ, Stationary Reciprocating Internal Combustion Engines adopted and incorporated by reference in Rule 62-204.800(11) (b) 82 F.A.C. , except that the Secretary is not the Administrator for purposes of the authorities cited at 40 C.F.R 63.6670(c) (1) through (5)}

B.1. Emergency Operating Requirements. To maintain classification as an emergency CI RICE, EU 009 thru 011 shall meet the following:

- (1) Each RICE shall operate to provide electrical power or mechanical work during an emergency situation.
- (2) Each RICE shall operate under limited circumstances for situations not included in paragraph (1) of this definition, as specified in 40 CFR 63.6640(f), as follow.
 - (a) – (e). [NA, non-emergency operations]
 - (f) 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 paragraphs (f) (1) through (4) of this section, is prohibited.
 - (1) There is no time limit on the use of emergency stationary RICE in emergency situations.
 - (2) The owner or operator may operate an emergency stationary RICE for any combination of the purposes specified in paragraphs (f) (2) (i) through (iii) of this section for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraphs (f) (3) and (4) of this section counts as part of the 100 hours per calendar year allowed by this paragraph (f) (2).
 - (i) The 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.
 - (ii) The 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 40 CFR 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.
 - (iii) The 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.
 - (3) [NA, RICE located at major sources of HAP]
 - (4) The RICE 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

SECTION III: EMISSION UNITS

calendar year for maintenance and testing and emergency demand response provided in paragraph (f) (2) of this section. Except as provided in paragraphs (f) (4) (i) and (ii) of this section, 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.

- (i) 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 program) with the local distribution system operator and the power is provided only to the facility itself or to support the local distribution system.
- (ii) 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:
 - (A) The engine is dispatched by the local balancing authority or local transmission and distribution system operator.
 - (B) 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.
 - (C) The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines.
 - (D) The power is provided only to the facility itself or to support the local transmission and distribution system.
 - (E) 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.

(3) Each RICE is operated as part of a financial arrangement with another entity in situations not included in paragraph (1) of this definition only as allowed in Condition B.1. (2) (f) (2) (ii) or (iii) and (f) (4) (i) or (ii).

[40 CFR 63.6675, 6640 (f)]

B.2. Operating Standards. The owner or operator shall comply with the applicable requirements in Table 2d to subpart ZZZZ as follow.

Table 2d to Subpart ZZZZ of Part 63—Requirements for Existing CI RICE located at Area Sources of HAP Emissions

<i>For each . . .</i>	<i>Owner or Operator shall meet the following requirement, except during periods of startup . . .</i>
4. Emergency CI RICE ²	a. Change oil and filter every 500 hours of operation or annually, whichever comes first; ¹ b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; and c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary

¹Sources have the option to utilize an oil analysis program as described in 40 CFR 63.6625(i) in order to extend the specified oil change requirement in Table 2d of Subpart ZZZZ.

SECTION III: EMISSION UNITS

²If 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 requirements on the schedule required in Table 2d of Subpart ZZZZ, 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 shall 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)]

B.3. Fuel Requirements. Beginning January 1, 2015, if any RICE that operates or is contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in 40 CFR 63.6640(f) (2) (ii) and (iii) (see Condition B.1) or that operates for the purpose specified in 40 CFR 63.6640(f) (4) (ii) (see Condition B.1), shall use diesel fuel that meets the requirements in 40 CFR 80.510(b) for nonroad diesel fuel, except that any existing diesel fuel purchased (or otherwise obtained) prior to January 1, 2015, may be used until depleted. Rule 40 CFR 80.510(b) requires that diesel fuel to meet the following per-gallon standards:

- (1) Sulfur content.
 - (i) 15 ppm (0.0015% S) maximum for NR diesel fuel.
- (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.

[40 CFR 63.6604 (b)]

B.4. Operation and Maintenance Requirements

- (a) – (d) [NA to engines in EU 009 thru 011].
- (e) The owner or operator shall operate and maintain the stationary RICE according to the manufacturer's emission-related written instructions or own 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.
- (f) The owner or operator shall install a non-resettable hour meter if one is not already installed.

[40 CFR 63.6625]

B.5. Demonstrating Continuous Compliance with the Emission Limitations and Operating Limitations

(a) The owner or operator shall demonstrate continuous compliance with each operating limitation in Table 2d to subpart ZZZZ (see Condition B.2) according to methods specified in Table 6 to subpart ZZZZ as follow.

Table 6 to Subpart ZZZZ of Part 63—Continuous Compliance with Emission Limitations, Operating Limitations, Work Practices, and Management Practices

<i>For each . . .</i>	<i>Complying with the requirement to . . .</i>	<i>The owner or operator shall demonstrate continuous compliance by . . .</i>
9. Existing emergency and black start stationary RICE located at an area source of HAP.	a. Work or Management practices	i. Operating and maintaining the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions; or ii. Develop and follow own maintenance plan which must 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

(b) *Response to deviations.* The owner or operator shall report each instance of not meeting each operating limitation in Table 2d (see Condition B.2). These instances are deviations from the emission and

SECTION III: EMISSION UNITS

operating limitations in Subpart ZZZZ. These deviations shall be reported according to the requirements in 40 CFR 63.6650 (see Condition B.6).

(c) – (d) [NA to engines in EU 009 thru 011].

(e) *General provisions.* The owner or operator shall also report each instance of not meeting the applicable requirements in Table 8 to subpart ZZZZ (see Appendix 1).

(f) *Emergency operations.* The owner or operator shall operate each RICE according to the requirements in 40 CFR 63.6640 (f) (1) through (4) (see Condition B.1)

[40 CFR 63.6640]

Recordkeeping Requirements

B.6. Reporting Requirements.

(a) *Compliance report.* The owner or operator shall submit each applicable report in Table 7 of subpart ZZZZ

Table 7 to Subpart ZZZZ of Part 63—Requirements for Reports

<i>For each ...</i>	<i>The owner or operator shall submit a report that contain</i>	<i>Submit the report . . .</i>
<p>4. Emergency stationary RICE that operate or are contractually obligated to be available for more than 15 hours per year for the purposes specified in 40 CFR 63.6640(f) (2) (ii) and (iii) (emergency demand response, voltage deviation) or that operate for the purposes specified in 40 CFR 63.6640(f) (4) (ii) (50 hours non-emergency situations) (see Condition B.1)</p>	<p>a. The following information in 40 CFR 63.6650(h) (1):</p> <p>(i) Company name and address where the engine is located.</p> <p>(ii) Date of the report and beginning and ending dates of the reporting period.</p> <p>(iii) Engine site rating and model year.</p> <p>(iv) Latitude and longitude of the engine in decimal degrees reported to the fifth decimal place.</p> <p>(v) Hours operated for the purposes specified in 40 CFR 63.6640(f) (2) (ii) and (iii) (emergency demand response, voltage deviation), including the date, start time, and end time for engine operation for the purposes specified in 40 CFR 63.6640(f) (2) (ii) and (iii).</p> <p>(vi) Number of hours the engine is contractually obligated to be available for the purposes specified in 40 CFR 63.6640(f) (2) (ii) and (iii).</p> <p>(vii) Hours spent for operation for the purpose specified in 40 CFR 63.6640(f) (4) (ii) (50 hours non-emergency situations), including the date, start time, and end time for engine operation for the purposes specified in 40 CFR 63.6640(f) (4) (ii). The report must also identify the entity that dispatched the engine and the situation that necessitated the dispatch of the engine.</p> <p>(viii) If there were no deviations from the fuel requirements in 40 CFR 63.6604 (see Condition B.3) that apply to the engine (if</p>	<p>i. Annually according to the following requirements in 40 CFR 63.6650(h) (2)-(3):</p> <p>(2) The first annual report must cover the calendar year 2015 and must be submitted no later than March 31, 2016. Subsequent annual reports for each calendar year must be submitted no later than March 31 of the following calendar year.</p> <p>(3) The annual report must be submitted electronically using the subpart specific reporting form in the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). However, if the reporting form specific to this subpart is not available in CEDRI at</p>

SECTION III: EMISSION UNITS

	<p>any), a statement that there were no deviations from the fuel requirements during the reporting period.</p> <p>(ix) If there were deviations from the fuel requirements in 40 CFR 63.6604 that apply to the engine (if any), information on the number, duration, and cause of deviations, and the corrective action taken.</p>	<p>the time that the report is due, the written report must be submitted to the Administrator at the appropriate address listed in 40 CFR 63.13.</p>
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[40 CFR 63.6650]

B.7. Recordkeeping Requirements.

- (a) – (c) [NA to engines in EU 009 thru 011].
- (d) The owner or operator shall keep the records required in Table 6 in Condition B.5 to show continuous compliance with each applicable emission or operating limitation.
- (e) The owner or operator shall keep records of the maintenance conducted on the stationary RICE in order to demonstrate that the RICE and after-treatment control device was operated and maintained according to source maintenance plan.
- (f) The owner or operator shall keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The owner or operator 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 engine is used for the purposes specified in 40 CFR 63.6640(f) (2) (ii) or (iii) (emergency demand response, voltage deviation) or 40 CFR 63.6640(f) (4) (ii) (50 hours non-emergency situations), the owner or operator must keep records of the notification of the emergency situation, and the date, start time, and end time of engine operation for these purposes.

[40 CFR 63.6655]

B.8. Records - Form and Retention Period

- (a) Records shall be in a form suitable and readily available for expeditious review according to 40 CFR 63.10(b) (1) (see Appendix 1, below).
- (b) As specified in 40 CFR 63.10(b) (1), the owner or operator shall keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.
- (c) The owner or operator shall keep each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b) (1) (see Appendix 1, below).

[40 CFR 63.6660]

SECTION IV: APPENDICES

Appendix 1

Table 8 to Subpart ZZZZ of Part 63—Applicability of General Provisions (see below) to Subpart ZZZZ

(The e-CFR that contain the general provisions text can be located at: www.ecfr.gov)

<i>Subject of Citation</i>	<i>General Provisions Citation</i>
General applicability of the General Provisions	40 CFR 63.1
Definitions	40 CFR 63.2
Units and abbreviations	40 CFR 63.3
Prohibited activities and circumvention	40 CFR 63.4
Construction and reconstruction	40 CFR 63.5
Compliance with standards and maintenance requirements	
Applicability	40 CFR 63.6(a)
Compliance dates for new and reconstructed sources	40 CFR 63.6(b) (1)–(4)
Notification for new and reconstructed sources	40 CFR 63.6(b) (5)
Compliance dates for new and reconstructed area sources that become major sources	40 CFR 63.6(b) (7)
Compliance dates for existing sources	40 CFR 63.6(c) (1)–(2)
Compliance dates for existing area sources that become major sources	40 CFR 63.6(c) (5)
Methods for determining compliance	40 CFR 63.6(f) (2)
Finding of compliance	40 CFR 63.6(f) (3)
Use of alternate standard	40 CFR 63.6(g) (1)–(3)
Compliance extension procedures and criteria	40 CFR 63.6(i)
Presidential compliance exemption	40 CFR 63.6(j)
Performance testing requirements	
Performance test dates	40 CFR 63.7(a) (1)–(2)
CAA section 114 authority	40 CFR 63.7(a) (3)
Notification of performance test	40 CFR 63.7(b) (1)
Notification of rescheduling	40 CFR 63.7(b) (2)
Quality assurance/test plan	40 CFR 63.7(c)
Testing facilities	40 CFR 63.7(d)
Conduct of performance tests and reduction of data	40 CFR 63.7(e) (2)
Test run duration	40 CFR 63.7(e) (3)
Administrator may require other testing under section 114 of the CAA	40 CFR 63.7(e) (4)
Alternative test method provisions	40 CFR 63.7(f)
Performance test data analysis, recordkeeping, and reporting	40 CFR 63.7(g)
Waiver of tests	40 CFR 63.7(h)
Monitoring requirements	
Applicability of monitoring requirements	40 CFR 63.8(a) (1)
Performance specifications	40 CFR 63.8(a) (2)
Monitoring	40 CFR 63.8(b) (1)
Multiple effluents and multiple monitoring systems	40 CFR 63.8(b) (2)–(3)
Monitoring system operation and maintenance	40 CFR 63.8(c) (1)
Routine and predictable SSM	40 CFR 63.8(c) (1) (i)

SECTION IV: APPENDICES

SSM not in Startup Shutdown Malfunction Plan	40 CFR 63.8(c) (1) (ii)
Compliance with operation and maintenance requirements	40 CFR 63.8(c) (1) (iii)
Monitoring system installation	40 CFR 63.8(c) (2)–(3)
Continuous monitoring system (CMS) requirements	40 CFR 63.8(c) (4)
CMS requirements	40 CFR 63.8(c) (6)–(8)
CMS quality control	40 CFR 63.8(d)
CMS performance evaluation	40 CFR 63.8(e)
Alternative monitoring method	40 CFR 63.8(f) (1)–(5)
Alternative to relative accuracy test	40 CFR 63.8(f) (6)
Data reduction	40 CFR 63.8(g)
Notification requirements	
Applicability and State delegation of notification requirements	40 CFR 63.9(a)
Initial notifications	40 CFR 63.9(b) (1)–(5)
Request for compliance extension	40 CFR 63.9(c)
Notification of special compliance requirements for new sources	40 CFR 63.9(d)
Notification of performance test	40 CFR 63.9(e)
Notification of visible emission (VE)/opacity test	40 CFR 63.9(f)
Notification of performance evaluation	40 CFR 63.9(g) (1)
Notification that criterion for alternative to Relative Accuracy Test Audit (RATA) is exceeded	40 CFR 63.9(g) (3)
Notification of compliance status	40 CFR 63.9(h) (1)–(6)
Adjustment of submittal deadlines	40 CFR 63.9(i)
Change in previous information	40 CFR 63.9(j)
Recordkeeping and reporting requirements.	
Administrative provisions for recordkeeping/reporting	40 CFR 63.10(a)
Record retention	40 CFR 63.10(b) (1)
Records	40 CFR 63.10(b) (2) (vi)–(xi)
Record when under waiver	40 CFR 63.10(b) (2) (xii)
Records when using alternative to RATA	40 CFR 63.10(b) (2) (xiii)
Records of supporting documentation	40 CFR 63.10(b) (2) (xiv)
Records of applicability determination	40 CFR 63.10(b) (3)
Additional records for sources using CEMS	40 CFR 63.10(c)
General reporting requirements	40 CFR 63.10(d) (1)
Report of performance test results	40 CFR 63.10(d) (2)
Progress reports	40 CFR 63.10(d) (4)
Additional CMS Reports	40 CFR 63.10(e) (1) and (2) (i)
Excess emission and parameter exceedances reports	40 CFR 63.10(e) (3)
Waiver for recordkeeping/reporting	40 CFR 63.10(f)
State authority and delegations	40 CFR 63.12
Addresses	40 CFR 63.13
Incorporation by reference	40 CFR 63.14
Availability of information	40 CFR 63.15

Appendix I-1: List of Insignificant Emissions Units and/or Activities.

South Florida Water Management District
Pump Station S-9/S-9A

FINAL Permit No.: 0112410-009-AV
Facility ID No.: 0112410

The facilities, emissions units, or pollutant-emitting activities listed in Rule 62-210.300(3)(a), F.A.C., Categorical Exemptions, or that meet the criteria specified in Rule 62-210.300(3)(b)1., F.A.C., Generic Emissions Unit Exemption, are exempt from the permitting requirements of Chapters 62-210, 62-212 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 Rules 62-210.300(3) (a) and (b) 1., 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 Rules 62-210.300(3) (a) and (b) 1., 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.

The below listed emissions units and/or activities are considered insignificant pursuant to Rule 62-213.430(6), F.A.C.

Description

1. internal Combustion Engines-Vehicles
2. Steam Cleaning Equipment
3. Belt & Drum Sanders
4. Brazing, Soldering or Welding Equipment
5. Heating Units, General Purpose IC Engines and Other Combustion Sources
6. Surface Coating Operations
7. Degreasing Units (non-HAP Solvents)
8. Petroleum Lubrication Systems
9. Fire & Safety Equipment
10. Fungicide, Herbicide, & Pesticide Applications
11. Asbestos Renovation & Demolition Activities
12. Non-Halogenated Solvent Storage & Cleaning
13. Vehicle Refueling Operations and Associated Fuel Storage
14. Abrasive Blasting Activities
15. Non-Halogenated Solvent Storage & Cleaning
16. Distillate Oil Storage & Handling
17. Distillate Oil Piping System
18. Lawn & Ground Maintenance
19. Paved & Unpaved Roads

APPENDIX TV

TITLE V GENERAL CONDITIONS

(Version Dated 02/16/2012)

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 GENERAL CONDITIONS

(Version Dated 02/16/2012)

- 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

APPENDIX TV

TITLE V GENERAL CONDITIONS

(Version Dated 02/16/2012)

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 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

APPENDIX TV

TITLE V GENERAL CONDITIONS

(Version Dated 02/16/2012)

requirements of Rule 62-210.300(7), F.A.C., and use DEP Form No. 62-210.900(7). [Rules 62-4.160(11), 62-4.120, and 62-210.300(7), F.A.C.]

Rights, Title, Liability, and Agreements

TV25. Rights. As provided in Subsections 403.987(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit. [Rule 62-4.160(3), F.A.C.]

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

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

TV28. Agreements.

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

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

Recordkeeping and Emissions Computation

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

TV30. Recordkeeping.

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least five (5) years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- c. Records of monitoring information shall include:

APPENDIX TV

TITLE V GENERAL CONDITIONS

(Version Dated 02/16/2012)

- (1) The date, exact place, and time of sampling or measurements, and the operating conditions at the time of sampling or measurement;
- (2) The person responsible for performing the sampling or measurements;
- (3) The dates analyses were performed;
- (4) The person and company that performed the analyses;
- (5) The analytical techniques or methods used;
- (6) The results of such analyses.

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

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

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

a. *Basic Approach.* The owner or operator shall employ, on a pollutant-specific basis, the most accurate of the approaches set forth below to compute the emissions of a pollutant from an emissions unit; provided, however, that nothing in this rule shall be construed to require installation and operation of any continuous emissions monitoring system (CEMS), continuous parameter monitoring system (CPMS), or predictive emissions monitoring system (PEMS) not otherwise required by rule or permit, nor shall anything in this rule be construed to require performance of any stack testing not otherwise required by rule or permit.

- (1) If the emissions unit is equipped with a CEMS meeting the requirements of paragraph 62-210.370(2)(b), F.A.C., the owner or operator shall use such CEMS to compute the emissions of the pollutant, unless the owner or operator demonstrates to the department that an alternative approach is more accurate because the CEMS represents still-emerging technology.
- (2) If a CEMS is not available or does not meet the requirements of paragraph 62-210.370(2)(b), F.A.C., but emissions of the pollutant can be computed pursuant to the mass balance methodology of paragraph 62-210.370(2)(c), F.A.C., the owner or operator shall use such methodology, unless the owner or operator demonstrates to the department that an alternative approach is more accurate.
- (3) If a CEMS is not available or does not meet the requirements of paragraph 62-210.370(2)(b), F.A.C., and emissions cannot be computed pursuant to the mass balance methodology, the owner or operator shall use an emission factor meeting the requirements of paragraph 62-210.370(2)(d), F.A.C., unless the owner or operator demonstrates to the department that an alternative approach is more accurate.

b. *Continuous Emissions Monitoring System (CEMS).*

- (1) An owner or operator may use a CEMS to compute emissions of a pollutant for purposes of this rule provided:
 - (a) The CEMS complies with the applicable certification and quality assurance requirements of 40 CFR Part 60, Appendices B and F, or, for an acid rain unit, the certification and quality assurance requirements of 40 CFR Part 75, all adopted by reference at Rule 62-204.800, F.A.C.; or,
 - (b) The owner or operator demonstrates that the CEMS otherwise represents the most accurate means of computing emissions for purposes of this rule.
- (2) Stack gas volumetric flow rates used with the CEMS to compute emissions shall be obtained by the most accurate of the following methods as demonstrated by the owner or operator:
 - (a) A calibrated flowmeter that records data on a continuous basis, if available; or

APPENDIX TV

TITLE V GENERAL CONDITIONS

(Version Dated 02/16/2012)

- (b) The average flow rate of all valid stack tests conducted during a five-year period encompassing the period over which the emissions are being computed, provided all stack tests used shall represent the same operational and physical configuration of the unit.
- (3) The owner or operator may use CEMS data in combination with an appropriate f-factor, heat input data, and any other necessary parameters to compute emissions if such method is demonstrated by the owner or operator to be more accurate than using a stack gas volumetric flow rate as set forth at subparagraph 62-210.370(2)(b)2., F.A.C., above.
- c. *Mass Balance Calculations.*
 - (1) An owner or operator may use mass balance calculations to compute emissions of a pollutant for purposes of this rule provided the owner or operator:
 - (a) Demonstrates a means of validating the content of the pollutant that is contained in or created by all materials or fuels used in or at the emissions unit; and,
 - (b) Assumes that the emissions unit emits all of the pollutant that is contained in or created by any material or fuel used in or at the emissions unit if it cannot otherwise be accounted for in the process or in the capture and destruction of the pollutant by the unit's air pollution control equipment.
 - (2) Where the vendor of a raw material or fuel which is used in or at the emissions unit publishes a range of pollutant content from such material or fuel, the owner or operator shall use the highest value of the range to compute the emissions, unless the owner or operator demonstrates using site-specific data that another content within the range is more accurate.
 - (3) In the case of an emissions unit using coatings or solvents, the owner or operator shall document, through purchase receipts, records and sales receipts, the beginning and ending VOC inventories, the amount of VOC purchased during the computational period, and the amount of VOC disposed of in the liquid phase during such period.
- d. *Emission Factors.*
 - (1) An owner or operator may use an emission factor to compute emissions of a pollutant for purposes of this rule provided the emission factor is based on site-specific data such as stack test data, where available, unless the owner or operator demonstrates to the department that an alternative emission factor is more accurate. An owner or operator using site-specific data to derive an emission factor, or set of factors, shall meet the following requirements.
 - (a) If stack test data are used, the emission factor shall be based on the average emissions per unit of input, output, or gas volume, whichever is appropriate, of all valid stack tests conducted during at least a five-year period encompassing the period over which the emissions are being computed, provided all stack tests used shall represent the same operational and physical configuration of the unit.
 - (b) Multiple emission factors shall be used as necessary to account for variations in emission rate associated with variations in the emissions unit's operating rate or operating conditions during the period over which emissions are computed.
 - (c) The owner or operator shall compute emissions by multiplying the appropriate emission factor by the appropriate input, output or gas volume value for the period over which the emissions are computed. The owner or operator shall not compute emissions by converting an emission factor to pounds per hour and then multiplying by hours of operation, unless the owner or operator demonstrates that such computation is the most accurate method available.
 - (2) If site-specific data are not available to derive an emission factor, the owner or operator may use a published emission factor directly applicable to the process for which emissions are computed. If no directly-applicable emission factor is available, the owner or operator may use a factor based on a similar, but different, process.
- e. *Accounting for Emissions During Periods of Missing Data from CEMS, PEMS, or CPMS.* In computing the emissions of a pollutant, the owner or operator shall account for the emissions during periods of

APPENDIX TV

TITLE V GENERAL CONDITIONS

(Version Dated 02/16/2012)

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.

ABBREVIATIONS AND DEFINITIONS

Area Source:	Area source means any stationary source of HAP that is not a major source as defined in part
CAA:	Clean Air Act (42 U.S.C. 7401 et seq., as amended by Public Law 101-549, 104 Stat. 2399).
CEMS:	Continuous emission monitoring system means the total equipment that may be required to meet the data acquisition and availability requirements, used to sample, condition (if applicable), analyze, and provide a record of emissions.
40 CFR:	Code of Federal Regulations
CI RICE:	Compression Ignition reciprocating internal combustion engine. Compression ignition means relating to a type of stationary internal combustion engine that is not a spark ignition engine.
CMS:	Continuous monitoring system is a comprehensive term that may include, but is not limited to, CEMS or CPMS that is used for demonstrating compliance with an applicable regulation on a continuous basis as defined by the regulation.
CO:	Carbon Monoxide
CPMS:	Continuous parameter monitoring system means the total equipment that may be required to meet the data acquisition and availability requirements, used to sample, condition (if applicable), analyze, and provide a record of process or control system parameters.
DOC:	Diesel Oxidation Catalyst. (DOC is used as an add-on catalytic control device for the engine to control CO and VOC emissions.
Deviation:	Deviation means any instance in which the owner or operator: <ol style="list-style-type: none">(1) Fails to meet any requirement or obligation established by Subpart ZZZZ, including but not limited to any emission limitation or operating limitation;(2) Fails to meet any term or condition that is adopted to implement an applicable requirement in Subpart ZZZZ and that is included in the permit; or(3) Fails to meet any emission limitation or operating limitation in Subpart ZZZZ during malfunction, regardless or whether or not such failure is permitted by Subpart ZZZZ.(4) Fails to satisfy the general duty to minimize emissions established by 40 CFR 63.6(e) (1) (i) (see Appendix 1).
F.A.C.:	Florida Administrative Code
FDEP:	Florida Department of Environmental Protection
F.S.:	Florida Statutes
HAP:	Hazardous Air Pollutants
NESHAP:	National Emissions Standards for Hazardous Air Pollutants
NOx:	Nitrogen Oxides
PM:	Particulate Matter
PPRAQD:	Broward County Pollution Prevention, Remediation and Air Quality Division
PSD:	Prevention of Significant Deterioration
PTE:	Potential to Emit
SFWMD :	South Florida Water Management District
SOx:	Sulfur Dioxides
TPY:	Tons per Year
VOC:	Volatile Organic Compounds

Attachment H-1
Permit History

South Florida Water Management District
Pump Station S-9/ S-9A

FINAL Permit No.: 0112410-009-AV
Facility ID No.: 0112410

Project Type	Permit No.	Permit Description	Effective Date	Expiration Date
Operating	0112410-001AV	Initial TV – Pump Station S-9	8/4/1998	8/4/2003
Construction	0112410-002AC	Add Pump Station S-9A	1/14/2003	1/14/2003
Operating	0112410-003AV	Renewal – S-9 & S-9A	10/30/2003	10/30/2008
Operating	0112410-004AV	Renewal – S-9 & S-9A	11/6/2008	10/30/2013
Operating	0112410-005AV	Administrative Correction	12/4/2008	10/30/2013
Construction	0112410-008-AC	Add-on control devices	3/6/2012	3/6/2014

Note.

Pump Station S-9 was originally constructed by the U.S. Army Corps of Engineers. Ownership was transferred to the South Florida Water Management District on August 9, 1957.



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:

RICE Compliance Extension Approval

- (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

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.

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

Jeffrey A. Smith, SFWMD: jesmith@sfwmd.gov

Linda Brien, DEP-SED: linda.brien@dep.state.fl.us

AJ Satyal, DEP-SD: ajaya.satyal@dep.state.fl.us

Cliff Bittle, Broward County EPGMD: cbittle@broward.org

Mallika Muthia, Miami-Dade County RER: muthim@miamidade.gov

Laxmana Tallam, Palm Beach County Health Department: laxmana_tallam@doh.state.fl.us

Ana Oquendo, US EPA Region 4: oquendo.ana@epa.gov

Natasha Hazziez, US EPA Region 4: hazziez.natasha@epa.gov

Barbara Friday, DEP-OPC: 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'

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. ¹	ARMS Permit No. ²
		Manufacturer	Model			
G-310	1	Fairbanks-Morse	38D8-1/8	751	DC64	0990549-008-AC 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 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 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 0990354-008-AV
	2	Fairbanks-Morse	38D8-1/8	800	DC64	
	3	Fairbanks-Morse	38D8-1/8	800	DC64	

RICE Compliance Extension Approval

Pump Station	Engine ID	Engine Description		Site-Rated Horsepower	DCI Model No. ¹	ARMS Permit No. ²
		Manufacturer	Model			
S-8	1	Fairbanks-Morse	38D8-1/8	800	DC64	0110351-004-AC
	2	Fairbanks-Morse	38D8-1/8	800	DC64	
	3	Fairbanks-Morse	38D8-1/8	800	DC64	
	4	Fairbanks-Morse	38D8-1/8	800	DC64	
S-9	1	Caterpillar	3606	1,824	DC65	0112410-008-AV
	2	Caterpillar	3606	1,824	DC65	
	3	Caterpillar	3606	1,824	DC65	
S-9A	1	Caterpillar	3412C	624	DC16	0112410-008-AV
	2	Caterpillar	3412C	624	DC16	
S-25B	1	Cummins	KTA19G2	685	DC16	N/A
	2	Cummins	KTA19G2	685	DC16	
	3	Cummins	KTA19G2	685	DC16	
S-26B	1	Cummins	KTA19G2	685	DC16	N/A
	2	Cummins	KTA19G2	685	DC16	
	3	Cummins	KTA19G2	685	DC16	
S-135	1	Detroit Diesel	Series 60	440	DC18	0850111-004-AG
	2	Detroit Diesel	Series 60	440	DC18	
	3	Detroit Diesel	Series 60	440	DC18	
	4	Detroit Diesel	Series 60	440	DC18	
S-236	1	Cummins	IND400BC3	400	DC14	N/A
	2	Cummins	IND400BC3	400	DC14	
	3	Cummins	IND400BC3	400	DC14	
S-319	1	Fairbanks-Morse	38D8-1/8	1,210	DC65	0990620-006-AC 0990620-007-AV
	2	Fairbanks-Morse	38D8-1/8	1,210	DC65	
	3	Fairbanks-Morse	38D8-1/8	2,005	DC68	
	4	Fairbanks-Morse	38D8-1/8	2,005	DC68	
	5	Fairbanks-Morse	38D8-1/8	2,005	DC68	
S-332B	1	Cummins	N-14-P	475	DC14	0251141-005-AC
	2	Cummins	N-14-P	475	DC14	
	3	Cummins	N-14-P	475	DC14	
	4	Cummins	N-14-P	475	DC14	
S-362	1	Fairbanks-Morse	38D8-1/8	893	DC64	0990621-007-AC
	2	Fairbanks-Morse	38D8-1/8	893	DC64	
	3	Fairbanks-Morse	38D8-1/8	1,303	DC65	
	4	Fairbanks-Morse	38D8-1/8	1,303	DC65	
	5	Fairbanks-Morse	38D8-1/8	1,303	DC65	
G-139	1	Caterpillar	C-12	341	DC14	N/A
	2	Caterpillar	C-12	341	DC14	
	3	Caterpillar	C-12	341	DC14	

1. The diesel oxidation catalyst units are manufactured by DCI International, Inc.
2. AC = Air Construction Permit at non-Title V facility,
AG = Air General Permit,
AV = Title V Air Operation Permit,
N/A = Non-permitted facility.

STATEMENT OF BASIS

Title V Air Operation Permit Renewal
Pump Stations S-9, S-9A
FINAL Permit No. : 0112410-009-AV

Applicant: The applicant for this project is South Florida Water Management District (SFWMD). The applicant's responsible official and mailing address are: Mr. Fred Remen, Director, Field Operations & Maintenance Resource, South Florida Water Management District, 3301 Gun Club Road, Department 5500, West Palm Beach, Florida 33406.

Project Description: The purpose of this permitting project is to: (1) Renew the source existing Title V permit 0112410-006-AV, (2) Incorporate the terms and conditions of the air construction permit No. 0112410-008-AC issued 03/06/12 to install add-on controls to existing stationary compression ignition reciprocating internal combustion engine (CI RICE) used for water pumping, (3) Remove the obsolete fuel monitoring plan requirement found in the present operation permit No. 0112410-006-AV (expires 10/30/2013), (4) Incorporate Subpart ZZZZ updates, and (5) Update the Title V general conditions to the latest version (Appendix - TV version 2-16-12).

Facility Description:

SFWMD operates eight CI RICE for water pumping and to operate emergency generators at Pump Stations Nos. S-9 and S-9A. The pump stations are located at 21939 Griffin Road, Fort Lauderdale, Florida. Nitrogen oxides (NO_x), carbon monoxide (CO), particulate matter (PM), sulfur dioxides (SO_x), and other products of combustion are generated during the operation of the diesel-fired engines and insignificant activities on site. Add-on controls have been added to each CI RICE that is used for water pumping to reduce carbon monoxide emissions.

Processing Schedule and Related Documents

Notice of Intent to Issue Air Permit issued:

Public Notice Published:

Primary Regulatory Requirements

Title III: The facility is a natural minor source of Hazardous Air Pollutants (HAP).

Title V: The facility is a Title V major source of NO_x in accordance with Chapter 62-213, Florida Administrative Code (F.A.C.).

PSD: The facility is a Prevention of Significant Deterioration (PSD) synthetic minor source of Nitrogen Oxides in accordance with Rule 62-212.400, F.A.C.

CAM: Compliance Assurance Monitoring (CAM) does not apply to any emissions unit.

NESHAP: The facility operates stationary compression ignition reciprocating internal combustion engine (CI RICE) located in an area (i.e. non-major) source of HAP subject to 40 CFR 63, Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants (NESHAP).

NSPS: The facility does not operate units subject to the New Source Performance Standards (NSPS) of 40 Code of Federal Regulations (CFR) 60.

NESHAP: The facility does operate units subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) of 40 CFR 63.

CAIR: The facility is not subject to the Clean Air Interstate Rule (CAIR) set forth in Rule 62-296.470, F.A.C.

Project Review:

The terms and conditions of the air construction permit No. 0112410-008-AC to install add-on controls to existing CI RICE were included in this renewal. The source was granted an extension of the compliance date to install the add-on controls on 2/25/2013 (see Attachment E-1). There were also Subpart ZZZZ revisions for the allowable hours of operation for the diesel engines used for the emergency generators.

Other changes include: the removal of the fuel monitoring plan requirement since the source uses ultra-low sulfur fuel by policy and rule, and updating the Title V general conditions to the latest version (Appendix - TV version 2-16-12).

Conclusion: This project revises Title V air operation permit No. 0112410-004-AV which was issued on 11/6/2008. This Title V air operation permit renewal is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Chapters 62-4, 62-210, 62-213 and 214, F.A.C. In accordance with the terms and conditions of this permit, the above named permittee is hereby authorized to operate the facility as shown on the application and approved drawings, plans, and other documents, on file with the permitting authority.