



Florida Department of Environmental Protection

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Sent by Electronic Mail – Received Receipt Requested

PERMITTEE

Lakeview Dirt Company, Inc.
497 South Holmes Boulevard
St. Augustine, FL 32084

Air Permit No. 1090036-004-AO
Permit Expires: December 10, 2015

Air Operating Renewal

Authorized Representative
Gary Lynn Wilson, VP & Co-Owner

This is the final air operating permit, which authorizes the renewal of the air curtain incinerator. The air curtain incinerator is located at the Lakeview Dirt Company, Inc., (Standard Industrial Classification No. 1629). The facility is located in St Johns County at 531 South Holmes Boulevard, Just South of Northwood Drive on the West side of St. Augustine, St. Johns County, Florida. The UTM coordinates are Zone 17, 465.96km East, and 3305.55 km North.

This final permit is organized by the following sections.

Section 1. General Information

Section 2. Administrative Requirements

Section 3. Emissions Unit Specific Conditions

Section 4. Appendices

Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

This air pollution operating permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, 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 must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Jacksonville, Florida



Christopher L. Kirts, P.E.
District Air Program Administrator


CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Notice of Final and Final Permit) was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on December 10, 2010 to the persons listed below.

Gary Lynn Wilson, Lakeview Dirt Company, Inc. (lakeviewdirt@comcast.net)
Lynn Robinson, Southern Environmental Sciences, Inc. (lrobinson@sesfla.com)

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.



12/10/2010

(Clerk)

(Date)

SECTION 1. GENERAL INFORMATION (FINAL)

FACILITY AND PROJECT DESCRIPTION

McPherson Systems Inc. Model M30F Air Curtain Incinerator Unit with a 15' deep x 12' wide x 30' long refractory lined burning pit with a Model M16ACD air curtain blower which supplies air from a 152 horsepower Cummings Motor Model No. 6BT5-9P (Serial No. 46621654) powered by off road diesel fuel.

The existing facility consists of the following emissions units.

Facility ID No. 1090036	
ID No.	Emission Unit Description
001	Air Curtain Incinerator McPherson Systems Inc. Model M30F
002	Cummings Motor Model No. 6BT5-9P powered by off road diesel fuel

FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility has no units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is not a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.

SECTION 2. ADMINISTRATIVE REQUIREMENTS (FINAL)

1. Permitting Authority: The permitting authority for this project is the Northeast District Office, Florida Department of Environmental Protection (Department). The mailing address is 7825 Baymeadows Way, Suite B-200, Jacksonville, Florida 32256-7590. All documents related to applications for permits to operate an emissions unit shall be submitted to this District office.
2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Northeast District Office, Florida Department of Environmental Protection (Department). The mailing address is 7825 Baymeadows Way, Suite B-200, Jacksonville, Florida 32256-7590. All documents related to applications for permits to operate an emissions unit shall be submitted to this District office.
3. Appendices: The following Appendices are attached as part of this permit:
 - a. Appendix A. Citation Formats and Glossary of Common Terms;
 - b. Appendix B. General Conditions;
 - c. Appendix C. Common Conditions; and
 - d. Appendix D. Common Testing Requirements.
4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.
5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]
6. Modifications: The permittee shall notify the Compliance Authority upon commencement of construction. No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the Department. Such permit shall be obtained prior to beginning construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]
7. Application for Non Title V Permit Renewal: This permit authorizes operation of the permitted emissions units. The permittee shall apply for a Non-Title V air operation permit renewal (DEP Form No. 62-210.900(4), F.A.C.) at least 60 days prior to expiration of this permit. To apply for a Non-Title V operation permit, the applicant shall submit the appropriate application form, compliance test results, and such additional information as the Department may by law require. The application shall be submitted to the appropriate Permitting Authority with copies to the Compliance Authority. [Rules 62-4.030, 62-4.050, 62-4.220, F.A.C.]
8. Any revision(s) to a permit (and application) must be submitted to the Department, in writing, and approved by the Department prior to implementation.
9. The I.D. No. and Project name for this source shall be used on all correspondence.

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

A. EU001 Air Curtain Incinerator

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
001	Air Curtain Incinerator McPherson Systems Inc. Model M30F refractory unit with a 15' deep x 12' wide x 30' long lined burning pit with a Model M16ACD air curtain blower.

The facility is classified as natural minor air pollution source. This air curtain incinerator is subject to Rule 62-296.401(7), F.A.C. for Air Curtain Incinerators; Part 60—Standards of Performance for New Stationary Sources Subpart DDDD—Emissions Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration Units that Commenced Construction On or Before November 30, 1999 (adopted and incorporated by reference at Rule 62-204.800, F.A.C); Appendix A 40 CFR 60, Subpart A – General Provisions; and Rule 62-701 Solid waste Rules.

PERFORMANCE RESTRICTIONS

1. The maximum input rate (operating rate) is below and shall not be exceeded without prior approval.

MATERIAL	RATE NOTE (1)	TO
Wood Wastes NOTE (2)	20 tons/hr	Burning Pit
Propane	As Needed	Burning Pit for Startup

Note (1) The charging rate is defined as the total amount of material initially in the burn pit in addition to the total amount added over the first 60 minute period. For each subsequent 60 minute period it is the total amount added.

Note (2): Wood Wastes may consist of trees, logs, large brush, stumps relatively free of soil, unbagged leaves and yard trash, tree surgeon debris, and clean dry lumber such as pallets.

2. **Restricted Operation.** The maximum operating hours are 9.5 hours per day, 5 days per week and 52 weeks per year and 2,470 hours per year.

EMISSIONS STANDARDS

3. **Emission Limits.** The permitted maximum allowable emissions rates are as follows:

Pollutant	Emissions Limitation	Rule
Visible Emissions (VE)	Outside of startup period, 10 % opacity or less (6 minute average) ¹	Rule 62-296.401 (7)(b)1, F.A.C. 40 CFR 60.2860(1)
	During startup period, 35 % opacity or less (6 minute average) Startup period is within the first 30 minutes of operation. ¹	Rule 62-296.401 (7)(b)1, F.A.C. 40 CFR 60.2860(2)

¹Except during malfunctions, the requirements of this subpart apply at all times. Each malfunction must not exceed 3 hours. [40 CFR 60.2860(2)(b)]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

A. EU001 Air Curtain Incinerator

4. Operation Requirements. Any air curtain incinerator subject to 40 CFR Part 60, DDDD adopted and incorporated by reference at Rule 62-204.800, F.A.C., shall be constructed and operated so as to comply with all standards, limitations, and requirements of the applicable subpart, and with the requirements of paragraph 62-296.401(7)(b), F.A.C., to the extent that those requirements are stricter than, or supplemental to, the requirements of the applicable subpart.

- (a) If the air curtain incinerator employs an earthen trench, the pit walls (width and length) shall be vertical, and maintained as such, so that combustion of the waste within the pit is maintained at an adequate temperature and with sufficient air recirculation to provide enough residence time and mixing for proper combustion and control of emission. The following dimensions for the pit must be strictly adhered to: no more than twelve feet (12') wide, between eight feet (8') and fifteen (15') feet deep, and no longer than the length of the manifold. The pit shall not be dug within a previously active portion of a landfill.

[Rule 62-296.401(7)(b)2., F.A.C.]

- (b) Except as provided herein and at subparagraph (c), the only materials that shall be burned in the air curtain incinerator are vegetative material and untreated wood, excluding sawdust. The air curtain incinerator shall not be used to burn any biological waste, hazardous waste, asbestos-containing materials, mercury-containing devices, pharmaceuticals, tires, rubber material, residual oil, used oil, asphalt, roofing material, tar, treated wood, plastics, garbage, trash or other material prohibited to be open burned as set forth in subsection 62-256.300(2), F.A.C. Only kerosene, diesel fuel, drip-torch fuel (as used to ignite prescribed fires), untreated wood, virgin oil, natural gas, or liquefied petroleum gas shall be used to start the fire in the air curtain incinerator. The use of used oil, chemicals, gasoline, or tires to start the fire is prohibited.

[Rule 62-296.401(7)(b)3, F.A.C.]

- (c) In no case shall the air curtain incinerator be started before sunrise. All charging shall end no later than one (1) hour after sunset. After charging ceases, air flow shall be maintained until all material within the air curtain incinerator has been reduced to coals, and flames are no longer visible. A log shall be maintained onsite that documents daily beginning and ending times of charging.

[Rule 62-296.401(7)(b)5, F.A.C.]

- (d) The air curtain incinerator shall be attended at all times while materials are being burned or flames are visible within the incinerator.

[Rule 62-296.401(7)(b)(6), F.A.C.]

- (e) The air curtain incinerator shall be located at least fifty (50) feet from any wildlands, brush, combustible structure, or paved public roadway.

[Rule 62-296.401(7)(b)(7), F.A.C.]

- (f) The material shall be loaded into the air curtain incinerator such that it will not protrude above the air curtain.

[Rule 62-296.401(7)(b)(8), F.A.C.]

- (g) Ash shall not be allowed to build up in the pit to higher than 1/3 of the pit depth or to the point where the ash begins to impede combustion, whichever occur first.

[Rule 62-296.401(7)(b)9, F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

A. EU001 Air Curtain Incinerator

SPECIFIC CONDITION NO. 4. continued:

- (h). An operation and maintenance guide shall be available to the operators of the air curtain incinerator at all times, and the owner shall provide training to all operators before they work at the incinerator.

This guide shall be made available to the Department or for an inspector's onsite review upon request.
[Rule 62-296.401(7)(b)10, F.A.C.]

TESTING REQUIREMENTS

5. **Annual Compliance Tests.** During each federal fiscal year (October 1st to September 30th), the emissions unit shall be tested to demonstrate compliance with the emissions standards for visible emissions.

[Rule 62-297.310(7)(a)4, F.A.C.]

6. **New Trench Location.** The owner or operator of any air curtain incinerator subject to this subsection and using an earthen trench shall have a performance test conducted for visible emissions no later than thirty (30) days after it commences operation at any new trench location, and annually thereafter. However, if the air curtain incinerator will be operated for less than thirty (30) days at the new trench location, and the owner or operator has demonstrated compliance with the emissions limiting standards of paragraph 62-296.401(7)(b), F.A.C., through a visible emissions test conducted and submitted to the Department within the previous twelve (12) months, the requirement for testing within thirty (30) days of commencing operation at the new trench location shall not apply.

[Rule 62-296.401(7)(d)2., F.A.C.]

7. **Test Method.** The referenced test method for visible emissions shall be EPA Method 9, as described at 40 CFR Part 60, Appendix A, adopted and incorporated by reference at Rule 62-204.800, F.A.C.

[Rule 62-296.401(7)(c)1., F.A.C.; and 40 CFR 60.2865(a)]

8. **Test Requirements.** The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit.

[Rule 62-297.310(7)(a)9, F.A.C.]

9. The open burning authorized by the department does not relieve the owner or operator from complying with any other applicable law, rules, or ordinances, including Chapter 590, Florida Statutes, and rules of the Division of Forestry.

[Rule 62-256.500, F.A.C.]

10. In each test report, submit the maximum input/production rate at which this source was operated since the previous test.

RECORDKEEPING

11. A daily operating log shall be maintained and at a minimum contain the following:

- A) Date
- B) Total charges
- C) Total material (in tons) charged
- D) Daily operating hours, which extends from the start of initial combustion to when all flames have been extinguished

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

A. EU001 Air Curtain Incinerator

SPECIFIC CONDITION NO. 11. continued:

- E) Daily average hourly charging rate
- F) Total monthly operating hours
- G) All maintenance that is performed
- H) Comments
- I) Operator's signature.

The log shall be maintained at the facility for a minimum of two (2) years and shall be made available to the Department at all times.

[Air Operating Permit No. 1080036-003-AO]

12. RECORDKEEPING OF OPACITY TEST:

- (a) Keep records of results of all annual opacity tests onsite in either paper copy or electronic format, unless the Administrator approves another format, for at least 5 years.
- (b) Make all records available for submittal to the Administrator or for an inspector's onsite review.
- (c) Not applicable
- (d) Submit annual opacity test results within 12 months following the previous report.
- (e) Submit initial and annual opacity test reports as electronic or paper copy on or before the applicable submittal date and keep a copy onsite for a period of 5 years.

[40 CFR 60.2870]

SOLID WASTE CONDITION (i.e. conditions provided by the Department's Solid Waste Section)

In addition to the rules and regulations that the air portion of the permit is issued under, the solid waste portion of the permit is issued under Chapter 403, Florida Statutes, and Florida Administrative Code (FAC) Chapters 62-4 and 62-701.

13. The Permittee shall ensure at all times that storage of the solid waste associated with the operation of the facility does not violate the prohibitions stated in FAC Chapter 62-701.300.

14. Prohibitions. No person shall store, process, or dispose of solid waste in a manner or location that causes air quality standards to be violated or water quality standards or criteria of receiving waters to be violated.
[Rule 62-701.300(1)(b), F.A.C.]

15. Burning. Open burning of solid waste is prohibited except in accordance with Chapter 62-256, F.A.C. Controlled burning of solid waste is prohibited except in a permitted incinerator, or in a facility in which the burning of solid waste is authorized by a site certification order issued under Chapter 403, Part II, F.S.
[Rule 62-701.300(3), F.A.C.]

16. Acceptable Waste. The facility shall be limited to accepting land clearing debris as defined by FAC Rule 62-701.200(62). Any other waste is prohibited waste.

17. Access control. The facility shall control access to the facility and shall maintain the access control structures such as the field fence and gate.
[Rule 62-701.803 (7), F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

A. EU001 Air Curtain Incinerator

18. Non-authorized Activities:

- a. This permit does not authorize any waste disposal activities; no waste storage shall be within the seasonal high or low groundwater table. [Rule 62-701.300(2)(e), F.A.C.]
- b. No waste shall be placed within 100 feet of any existing or approved off-site potable water well; no setback is required from on-site water well. [Rule 62-701.300(12)(a), F.A.C.]
- c. No waste shall be placed within 50 feet of any natural or artificial body of water, including wetlands within the jurisdiction of the Department, except bodies of water contained completely within the property boundaries of the disposal site and that do not have a discharge. [Rule 62-701.300(12)(b), F.A.C.]

19. Spotters. At all times the facility is accepting land clearing debris, a trained spotter shall be present to inspect the waste as it is being discharged. The spotter shall inspect the loads for unacceptable materials that may inadvertently be accepted and shall remove from the waste stream and place into appropriate containers for disposal at a permitted facility.
[Rule 62-701.803(8), F.A.C.]

20. Handling and Removal of Prohibited Waste. The facility shall remove prohibited waste from the waste being discharged and shall remove it to covered roll-off containers upon discovery. Any containers containing putrescible waste shall have its contents removed within 48 hours. Nonputrescible waste shall be removed within 30 days or when the storage containers become full, whichever occurs first. The prohibited waste shall be removed to the appropriate authorized facilities.
[Rule 62-701.803(5), F.A.C.]

21. Hazardous Waste. Any hazardous waste that is received by the facility shall be managed in accordance with the provision of FAC Chapter 62-730.
[Rule 62-701.300(4), F.A.C.]

22. Training. The Permittee shall ensure that spotters employed at the facility are properly trained to operate the facility and to identify and properly manage any hazardous or other prohibited materials that are inadvertently received at the facility. The facility shall provide initial and continuing training for each employee in accordance with FAC Chapter 62-701.320(15). New employees shall complete the first training course available to them from the date of their employment but no longer than 90 days of the date of employment. Training Certification shall be kept in an office and shall be made available to the Department at the Department's request including during a routine site inspection.
[Rule 62-701.300(15), F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

B. EU002 Cummings, Inc. 152 HP Motor

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
002	Cummings Motor Model No. 6BT5-9P powered by off road diesel fuel. The 1 tier motor is a 2006-6 cylinder Cummings, Inc. 152 HP motor @ 2500 RPM. Serial No. 46621654. The engine is a 6-cylinder with a total displacement of 5.9 liters. The construction commencement date was 05/20/2006.

The facility is classified as natural minor air pollution source. This motor is subject to 40 CFR Part 63, Subpart ZZZZ National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines and 40 CFR Part 63 Subpart A.

EQUIPMENT

1. **Motor.** The permittee is authorized to operate and maintain the 1 tier motor manufactured by Cummins, Model No. 6BT5-9P, with a maximum design rating of 152 HP at 2500 rpm. This motor powers the air curtain blower in EU001.

[Additional information submitted on 11/24/2011 & 12/1/2010]

NSPS AND NESHAP APPLICABILITY

2. **NESHAP Subpart ZZZZ Applicability.** This off road diesel fired engine is an existing, Stationary Reciprocating Internal Combustion Engine (RICE) and shall comply with applicable provisions of 40 CFR 63 Subpart ZZZZ.

[40 CFR 63.6585]

PERFORMANCE RESTRICTIONS

3. **Restricted Operation.** The maximum operating hours are 9.5 hours per day, 5 days per week and 52 weeks per year and 2,470 hours per year.

[Rules 62-4.070(3), 62-210.200(PTE), F.A.C., Application No. 1090036-002-AO]

4. **Authorized Fuel.** Off road diesel fuel is the only authorized fuel for this engine.

[Additional Information submitted on December 1, 2010]

5. **Emission Limitations.** The facility must meet the following requirements, except during periods of startup:

- a. Change oil and filter every 1,000 hours of operation or annually, whichever comes first;¹
- b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first;
- 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 §63.6625(i) in order to extend the specified oil change requirement in Table 2d of this subpart.

[40 CFR 63.6603; Table 2d]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

B. EU002 Cummings, Inc. 152 HP Motor

6. **During periods of startup.** During periods of startup the facility must minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations apply.

CONTINUOUS COMPLIANCE

7. The facility must meet the following requirements:

- (a) You must be in compliance with the emission limitations and operating limitations in this subpart that apply to you at all times.
- (b) At all times you must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require you to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

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 your 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.

[40 CFR 63.6605; 40 CFR 63.6640, Table 6, (9)i and ii]

RECORDKEEPING

8. The facility must keep the following recordkeeping requirements of 40 CFR 63.6655 (except c & f):

- (a) If you must comply with the emission and operating limitations, you must 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 you submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, according to the requirement in §63.10(b)(2)(xiv).
 - (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 §63.10(b)(2)(viii).
 - (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 §63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

B. EU002 Cummings, Inc. 152 HP Motor

SPECIFIC CONDITION NO. 8. continued:

- (b) For each CEMS or CPMS, you must keep the records listed in paragraphs (b)(1) through (3) of this section.
 - (1) Records described in §63.10(b)(2)(vi) through (xi).
 - (2) Previous (*i.e.*, superseded) versions of the performance evaluation plan as required in §63.8(d)(3).
 - (3) Requests for alternatives to the relative accuracy test for CEMS or CPMS as required in §63.8(f)(6)(i), if applicable.
- (c) Not applicable
- (d) You must keep the records required in Table 6 of this subpart to show continuous compliance with each emission or operating limitation that applies to you.
- (e) You must keep records of the maintenance conducted on the stationary RICE in order to demonstrate that you operated and maintained the stationary RICE and after-treatment control device (if any) according to your own maintenance plan if you own or operate any of the following stationary RICE;
 - (1) An existing stationary CI RICE with a site rating of less than 100 brake HP located at a major source of HAP emissions.
 - (2) An existing stationary emergency CI RICE.
 - (3) An existing stationary CI RICE located at an area source of HAP emissions subject to management practices as shown in Table 2d to this subpart.
- (f) Not applicable

[40 CFR 63.6655]

MONITORING, INSTALLATION, COLLECTION, OPERATION & MAINTENANCE REQUIREMENTS

- 9. The facility must keep the following monitoring, installation, collection, and operation & maintenance requirements. **The numbering format is consistent with the rule for ease of reading:**
 - (e) If you own or operate an existing stationary RICE with a site rating of less than 100 brake HP located at a major source of HAP emissions, an existing stationary emergency RICE, or an existing stationary RICE located at an area source of HAP emissions not subject to any numerical emission standards shown in Table 2d to this subpart, you must operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop your 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.
 - (f) If you own or operate an existing emergency stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions or an existing emergency stationary RICE located at an area source of HAP emissions, you must install a non-resettable hour meter if one is not already installed.
 - (h) If you operate a new or existing stationary engine, you must 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 Tables 1a, 2a, 2c, and 2d to this subpart apply.

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

B. EU002 Cummings, Inc. 152 HP Motor

SPECIFIC CONDITION NO. 9. continued:

- (i) If you own or operate a stationary engine that is subject to the work, operation or management practices in items 1, 2, or 4 of Table 2c to this subpart or in items 1 or 4 of Table 2d to this subpart, you have the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2c and 2d to this subpart. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2c or 2d to this subpart. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil before continuing to use the engine. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine.
- [40 CFR 63.6625 (e), (f), (h) and (i)]