



MAR 12 2015

Mr. Darren Filkins
Wm. Bolthouse Farms, Inc.
7200 E. Brundage Lane
Bakersfield, CA 93307

**Re: Notice of Minor Title V Permit Modification
District Facility # C-7837
Project # C-1142142**

Dear Mr. Filkins:

Enclosed is the District's analysis of your application for minor Title V permit modification for the facility identified above. You proposed a Title V minor permit modification to incorporate recently issued C-7837-42-0 into the Title V operating permit. The proposal is for the installation of a replacement 475 bhp Caterpillar Tier 4 certified diesel-fired IC engine powering an irrigation well.

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V permit, recently issued C-7837-42-0, emission increases, application, and previous Title V permit. This project will be subject to a 45-day EPA commenting period prior to the District taking final action.

If you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Thank you for your cooperation in this matter.

Sincerely,

Arnaud Marjollet
Director of Permit Services

Enclosures

cc: Gerardo C. Rios, EPA (w/enclosure) via email

Seyed Sadredin
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585

TITLE V APPLICATION REVIEW

Minor Modification
Project #: C-1142142

Engineer: Jesse A. Garcia
Date: February 20, 2015

Facility Number: C-7837
Facility Name: Wm. Bolthouse Farms, Inc.
Mailing Address: 7200 E. Brundage Lane
Bakersfield, CA 93307

Contact Name: Darren Filkins
Phone: (661) 366-7205

Responsible Official: Darren Filkins
Title: Vice President of Agriculture

I. PROPOSAL

Wm. Bolthouse Farms, Inc. is proposing a Title V minor permit modification to incorporate the recently issued ATC C-7837-42-0 into the Title V operating permit. The proposal is for the installation of a replacement 475 bhp Caterpillar Tier 4 certified diesel-fired IC engine powering an irrigation well.

The purpose of this evaluation is to identify all applicable requirements, determine if the facility will comply with the applicable requirements and to provide the legal and factual basis for the proposed revisions.

II. FACILITY LOCATION

The project is located within the SE ¼ Section 12, Township 21S, Range 15E.

III. EQUIPMENT DESCRIPTION

ATC Equipment Description:

C-7837-42-0: 475 BHP (CONTINUOUS) CATERPILLAR MODEL C15 TIER 4 DIESEL-FIRED IC ENGINE POWERING AN AGRICULTURAL IRRIGATION WELL PUMP (REPLACEMENT FOR C-7837-17-2)

Post Project PTO:

C-7837-42-1: 475 BHP (CONTINUOUS) CATERPILLAR MODEL C15 TIER 4 CERTIFIED DIESEL-FIRED IC ENGINE POWERING AN AGRICULTURAL IRRIGATION PUMP

IV. SCOPE OF EPA AND PUBLIC REVIEW

This change to a Title V permit is considered to be a minor modification and, as such, requires no public review.

V. APPLICABLE REQUIREMENTS

District Rule 2520, Federally Mandated Operating Permits (Adopted June 21, 2001)

VI. DESCRIPTION OF PROPOSED MODIFICATIONS

Authority to Construct (ATC) condition 1 is removed from the proposed permit as the condition is satisfied with this application.

ATC condition 2 is removed from the proposed permit as the existing engine, Permit C-7837-17, has been removed from service and the permit cancelled.

ATC conditions 3 and 4 are removed from the proposed permit as those requirements are contained on the facility-wide permit, -0-0, as conditions 22 and 39 respectively.

ATC conditions 5-18 are included on the proposed permit as conditions 1-14 on the proposed permit.

VII. COMPLIANCE

In accordance with Rule 2520, 3.20, these modifications:

1. Do not violate requirements of any applicable federally enforceable local or federal requirement;
2. Do not relax monitoring, reporting, or recordkeeping requirements in the permit and are not significant changes in existing monitoring permit terms or conditions;
3. Do not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis;
4. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject. Such terms and conditions include;
 - a. A federally enforceable emission cap assumed to avoid classification as a modification under any provisions of Title I of the Federal Clean Air Act; and
 - b. An alternative emissions limit approved pursuant to regulations promulgated under section 112(i)(5) of the Federal Clean Air Act; and
5. Are not Title I modifications as defined in District Rule 2520 or modifications as defined in section 111 or 112 of the Federal Clean Air Act; and
6. Do not seek to consolidate overlapping applicable requirements.

In accordance with Rule 2520, the application meets the procedural requirements of section 11.4 by including;

1. A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
2. The source's suggested draft permit; and
3. Certification by a responsible official that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used.

VIII. ATTACHMENTS

- A. Proposed Modified Title V Operating Permit No. C-7837-42-1
- B. Authority to Construct No. C-7837-42-0
- C. Emissions Increases
- D. Application
- E. Previous Title V Operating Permit No. C-7837-17-2

ATTACHMENT A

Proposed Modified Title V Operating Permit No.
(C-7837-42-1)

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-7837-42-1

EXPIRATION DATE: 08/31/2017

EQUIPMENT DESCRIPTION:

MODIFICATION OF 475 BHP (CONTINUOUS) CATERPILLAR MODEL C15 TIER 4 DIESEL-FIRED IC ENGINE
POWERING AN AGRICULTURAL IRRIGATION WELL PUMP (REPLACEMENT FOR C-7837-17-2);

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. This IC engine shall only be used for the growing of crops or raising of fowl or animals. [District Rules 4701 and 4702, and 17 CCR 93115] Federally Enforceable Through Title V Permit
3. This engine shall be equipped with a non-resettable hour meter with a minimum display capability of 9,999 hours, unless the District determines that a non-resettable hour meter with a different minimum display capability is appropriate in consideration of the historical use of the engine and the owner or operator's compliance history. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
4. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702 and 40 CFR 60 Subpart III] Federally Enforceable Through Title V Permit
5. {1898} The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
6. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, 17 CCR 93115, and 40 CFR Part 60 Subpart III] Federally Enforceable Through Title V Permit
7. Emissions (based on US EPA Tier 4 Certification) from this IC Engine shall not exceed any of the following limits: 0.082 g-NOx/bhp-hr, 0.05 g-VOC/bhp-hr, or 0.08 g-CO/bhp-hr. [District Rules 2201 and 4702, 17 CCR 93115, and 40 CFR Part 60 Subpart III] Federally Enforceable Through Title V Permit
8. Emissions from this IC engine shall not exceed 0.008 g-PM10/bhp-hr based on USEPA Tier 4 certification using ISO 8178 test procedure. [District Rules 2201 and 4102, 17 CCR 93115, and 40 CFR Part 60 Subpart III] Federally Enforceable Through Title V Permit
9. Operation of this engine shall not exceed 6,500 hours per year. [District Rule 2201] Federally Enforceable Through Title V Permit
10. During periods of operation, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
11. The owner/operator shall maintain an engine operating log to demonstrate compliance. The engine operating log shall include, on a monthly basis, the following information: total hours of operation, type of fuel used, maintenance or modifications performed, monitoring data, and any other information necessary to demonstrate compliance. [District Rule 4702] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

12. The permittee shall record the total time the engine operates, in hours per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Permittee must keep record of corrective action taken after notification by the backpressure monitor that the high backpressure limit of the engine is approached. [40 CFR Part 60 Subpart IIII] Federally Enforceable Through Title V Permit
14. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 2201 and 4702] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

DRAFT

ATTACHMENT B

Authority to Construct No.
(C-7837-42-0)



AUTHORITY TO CONSTRUCT

PERMIT NO: C-7837-42-0

ISSUANCE DATE: 08/27/2014

LEGAL OWNER OR OPERATOR: WM BOLTHOUSE FARMS INC - NORTH AVENAL
MAILING ADDRESS: 7200 E BRUNDAGE LN
BAKERSFIELD, CA 93307

LOCATION: TS-22S, R-17E
AVENAL, CA

EQUIPMENT DESCRIPTION:

475 BHP (CONTINUOUS) CATERPILLAR MODEL C15 TIER 4 DIESEL-FIRED IC ENGINE POWERING AN AGRICULTURAL IRRIGATION WELL PUMP (REPLACEMENT FOR C-7837-17-2)

CONDITIONS

1. The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. Within 90 days after startup of the equipment authorized by this Authority to Construct, Permit to Operate C-7837-17 shall be surrendered to the District and the associated equipment shall be removed or rendered inoperable. [District Rule 2201]
3. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
6. This IC engine shall only be used for the growing of crops or raising of fowl or animals. [District Rules 4701 and 4702, and 17 CCR 93115]
7. This engine shall be equipped with a non-resettable hour meter with a minimum display capability of 9,999 hours, unless the District determines that a non-resettable hour meter with a different minimum display capability is appropriate in consideration of the historical use of the engine and the owner or operator's compliance history. [District Rule 4702 and 17 CCR 93115]

CONDITIONS CONTINUE ON NEXT PAGE

YOU **MUST** NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO



Arnaud Marjollet, Director of Permit Services

C-7837-42-0 : Aug 27 2014 9:16AM - SRANK : Joint Inspection NOT Required

8. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702 and 40 CFR 60 Subpart IIII]
9. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
10. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]
11. Emissions (based on US EPA Tier 4 Certification) from this IC Engine shall not exceed any of the following limits: 0.082 g-NOx/bhp-hr, 0.05 g-VOC/bhp-hr, or 0.08 g-CO/bhp-hr. [District Rules 2201 and 4702, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]
12. Emissions from this IC engine shall not exceed 0.008 g-PM10/bhp-hr based on USEPA Tier 4 certification using ISO 8178 test procedure. [District Rules 2201 and 4102, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]
13. Operation of this engine shall not exceed 6,500 hours per year. [District Rule 2201]
14. During periods of operation, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
15. The owner/operator shall maintain an engine operating log to demonstrate compliance. The engine operating log shall include, on a monthly basis, the following information: total hours of operation, type of fuel used, maintenance or modifications performed, monitoring data, and any other information necessary to demonstrate compliance. [District Rule 4702]
16. The permittee shall record the total time the engine operates, in hours per calendar year. [District Rule 2201]
17. Permittee must keep record of corrective action taken after notification by the backpressure monitor that the high backpressure limit of the engine is approached. [40 CFR Part 60 Subpart IIII]
18. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 2201 and 4702]

ATTACHMENT C

Emissions Increases

	SSIPE (lb/yr)				
	NOx	VOC	CO	SOx	PM10
C-7837-17	-20,166	-24	-512	-2,422	-1,351
C-7837-42	447	272	436	28	272
TOTAL	0	248	0	0	0

Although there is an increase in VOC emissions, the facility is not a major source for VOC; therefore, this modification qualifies as a Minor Modification.

ATTACHMENT D

Application



San Joaquin Valley Air Pollution Control District

www.valleyair.org

RECEIVED

JUL 03 2014



Permit Application For:

Permits Services
SJVAPCD

[] ADMINISTRATIVE AMENDMENT [X] MINOR MODIFICATION [] SIGNIFICANT MODIFICATION

1. PERMIT TO BE ISSUED TO: Wm. Bolthouse Farms, Inc.	
2. MAILING ADDRESS: STREET/P.O. BOX: <u>7200 E. Brundage Lane</u> CITY: <u>Bakersfield</u> STATE: <u>CA</u> 9-DIGIT ZIP CODE: <u>93307-3016</u>	
3. LOCATION WHERE THE EQUIPMENT WILL BE OPERATED: STREET: _____ CITY: _____ _____ ¼ SECTION _____ TOWNSHIP <u>22S</u> RANGE <u>17E</u>	INSTALLATION DATE: To Be Determined
4. GENERAL NATURE OF BUSINESS: <u>Agriculture</u>	
5. DESCRIPTION OF EQUIPMENT OR MODIFICATION FOR WHICH APPLICATION IS MADE (include Permit #'s if known, and use additional sheets if necessary) Per Condition 12 of Permit No. C-7837-17-2, this application is being submitted to modify the Title V Facility C-7837-0-0 Permit To Operate for the North Avenal facility. Wm. Bolthouse Farms, Inc. (Bolthouse) is replacing ENG00316 (Permit No. C-7837-17-2) with a 475 hp Tier 4 Caterpillar Model C15 diesel internal combustion engine. Please refer to the attached project description for details.	
6. TYPE OR PRINT NAME OF APPLICANT: <u>Darren Filkins</u>	TITLE OF APPLICANT: <u>Vice President of Agriculture</u>
7. SIGNATURE OF APPLICANT: 	DATE: <u>07/01/2014</u> PHONE: (661) 366-7205 FAX: () EMAIL: <u>dfilkins@bolthouse.com</u>

For APCD Use Only:

DATE STAMP	FILING FEE RECEIVED: \$ _____ CHECK#: _____
	DATE PAID: _____
	PROJECT NO: <u>C-1142142</u> FACILITY ID: <u>C-7837</u>



San Joaquin Valley Unified Air Pollution Control District



TITLE V MODIFICATION - COMPLIANCE CERTIFICATION FORM

I. TYPE OF PERMIT ACTION (Check appropriate box)

- SIGNIFICANT PERMIT MODIFICATION ADMINISTRATIVE AMENDMENT
 MINOR PERMIT MODIFICATION AMENDMENT

COMPANY NAME: Wm Bolthouse Farms, Inc.	FACILITY ID: C-7837
1. Type of Organization: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Sole Ownership <input type="checkbox"/> Government <input type="checkbox"/> Partnership <input type="checkbox"/> Utility	
2. Owner's Name: William Bolthouse Farms	
3. Agent to the Owner: Darren Filkins	

II. COMPLIANCE CERTIFICATION (Read each statement carefully and initial all circles for confirmation):

- Based on information and belief formed after reasonable inquiry, the equipment identified in this application will continue to comply with the applicable federal requirement(s).
- Based on information and belief formed after reasonable inquiry, the equipment identified in this application will comply with applicable federal requirement(s) that will become effective during the permit term, on a timely basis.
- Corrected information will be provided to the District when I become aware that incorrect or incomplete information has been submitted.
- Based on information and belief formed after reasonable inquiry, information and statements in the submitted application package, including all accompanying reports, and required certifications are true accurate and complete.

I declare, under penalty of perjury under the laws of the state of California, that the forgoing is correct and true:

Darren Filkins
Signature of Responsible Official

07/01/2014
Date

Darren Filkins
Name of Responsible Official (please print)

Vice President of Agriculture
Title of Responsible Official (please print)

ATTACHMENT E

Previous Title V Operating Permit No.
C-7837-17-2

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-7837-17-2

EXPIRATION DATE: 08/31/2017

EQUIPMENT DESCRIPTION:

325 BHP JOHN DEERE MODEL 6125H SERIAL #RG6125H030975 TIER 2 DIESEL-FIRED IC ENGINE POWERING AN AGRICULTURAL WELL PUMP (ENG 316)

PERMIT UNIT REQUIREMENTS

1. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 1070 and Fresno County Rule 107] Federally Enforceable Through Title V Permit
2. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 1070 and Fresno County Rule 107] Federally Enforceable Through Title V Permit
3. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702] Federally Enforceable Through Title V Permit
4. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
5. This IC engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4701 and 4702] Federally Enforceable Through Title V Permit
6. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702] Federally Enforceable Through Title V Permit
7. Operation of this engine shall not exceed 6,500 hours per year. [District Rule 4702] Federally Enforceable Through Title V Permit
8. During periods of operation, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
9. The permittee shall maintain an engine operating log to demonstrate compliance with District Rule 4702. The engine operating log shall include, on a monthly basis, the following information: total hours of operation, the purpose of the operation, type of fuel used, maintenance or modifications performed, monitoring data, and any other information necessary to demonstrate compliance with District Rule 4702. [District Rule 4702] Federally Enforceable Through Title V Permit
10. The permittee shall record the total time the engine operates, in hours per calendar year. [District Rule 4702] Federally Enforceable Through Title V Permit
11. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 4702 and 40 CFR 63.6660] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

12. This certified Tier 1 or Tier 2 engine shall be replaced with a new certified Tier 4 engine by January 1, 2015 or 12 years from the installation of the engine, whichever is later, to be in compliance with Rule 4702. Authority to Construct (ATC) application for new certified Tier 4 engine must be submitted to the District at least six months before the compliance date. [District Rule 4702] Federally Enforceable Through Title V Permit
13. The permittee 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. [40 CFR 63.6625(h)] Federally Enforceable Through Title V Permit
14. The engine shall be in full compliance with 40 CFR Part 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). [40 CFR 63.6585/63.6595(a)] Federally Enforceable Through Title V Permit
15. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight shall be consumed by the engine. [District Rule 4801, 17 CCR 93115, 40 CFR 63.6604, and Fresno County Rule 406] Federally Enforceable Through Title V Permit
16. The engine's oil and filter shall be changed every 1,000 hours of operation or every 12 months, whichever comes first. [40 CFR 63.6603/66.6640 Table 2d, Row 1.a] Federally Enforceable Through Title V Permit
17. The engine's air filter shall be inspected every 1,000 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR 63.6603/63.6640 Table 2d, Row 1.b] Federally Enforceable Through Title V Permit
18. The engine's hoses and belts shall be inspected every 500 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR 63.6603/63.6640 Table 2d, Row 1.c] Federally Enforceable Through Title V Permit
19. The permittee shall maintain monthly records of all required maintenance performed on the air pollution control and monitoring equipment. [District Rule 1070 and 40 CFR 63.6655(a)(3)/§63.10(b)(2)(viii) and §63.6655(a)(4)] Federally Enforceable Through Title V Permit
20. The permittee shall maintain monthly records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment. The permittee shall also maintain monthly records of action 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. [District Rule 1070 and 40 CFR 63.6655(a)(2) and (a)(5)] Federally Enforceable Through Title V Permit
21. The permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2c and 2d of Subpart ZZZZ. 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 within 2 days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 days or before commencing operation, whichever is later. 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(i)] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.