



JUL 19 2012

Derek Yurosek
WM Bolthouse Farms Inc - Mouren-N Coalinga
7200 E Brundage Ln
Bakersfield, CA 93307

**Re: Notice of Preliminary Decision - Federally Mandated Operating Permit
District Facility # C-7843
Project # C-1110359**

Dear Mr. Yurosek:

Enclosed for your review and comment is the District's analysis of WM Bolthouse Farms' application for the Federally Mandated Operating Permit for its agricultural crop production, Section 15, Township 20S, Range 15E in Coalinga, California.

The notice of preliminary decision for this project will be published approximately three days from the date of this letter. Please submit your written comments on this project within the 30-day comment period which begins on the date of publication of the public notice.

Thank you for your cooperation in this matter. If you have any questions regarding this matter, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,

David Warner
Director of Permit Services

cc: Juscelino Siongco, Permit Services Engineer

Attachments

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



JUL 19 2012

Gerardo C. Rios, Chief
Permits Office (AIR-3)
U.S. EPA - Region IX
75 Hawthorne St
San Francisco, CA 94105

**Re: Notice of Preliminary Decision - Federally Mandated Operating Permit
District Facility # C-7843
Project # C-1110359**

Dear Mr. Rios:

Enclosed for your review and comment is the District's analysis of WM Bolthouse Farms' application for the Federally Mandated Operating Permit for its agricultural crop production, Section 15, Township 20S, Range 15E in Coalinga, California.

The notice of preliminary decision for this project will be published approximately three days from the date of this letter. Please submit your written comments on this project within the 45-day comment period which begins on the date of publication of the public notice.

Thank you for your cooperation in this matter. If you have any questions regarding this matter, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,

David Warner
Director of Permit Services

cc: Juscelino Siongco, Permit Services Engineer

Attachments

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



JUL 19 2012

Mike Tollstrup, Chief
Project Assessment Branch
Air Resources Board
P O Box 2815
Sacramento, CA 95812-2815

**Re: Notice of Preliminary Decision - Federally Mandated Operating Permit
District Facility # C-7843
Project # C-1110359**

Dear Mr. Tollstrup:

Enclosed for your review and comment is the District's analysis of WM Bolthouse Farms' application for the Federally Mandated Operating Permit for its agricultural crop production, Section 15, Township 20S, Range 15E in Coalinga, California.

The notice of preliminary decision for this project will be published approximately three days from the date of this letter. Please submit your written comments on this project within the 30-day comment period which begins on the date of publication of the public notice.

Thank you for your cooperation in this matter. If you have any questions regarding this matter, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,

David Warner
Director of Permit Services

cc: Juscelino Siongco, Permit Services Engineer

Attachments

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

Fresno Bee

**NOTICE OF PRELIMINARY DECISION
FOR THE PROPOSED ISSUANCE OF
FEDERALLY MANDATED OPERATING PERMITS**

NOTICE IS HEREBY GIVEN that the San Joaquin Valley Air Pollution Control District solicits public comment on the proposed issuance of the Federally Mandated Operating permits to WM Bolthouse Farms Inc - Mouren-N Coalinga for its agricultural crop production, Section 15, Township 20S, Range 15E in Coalinga, California.

The District's analysis of the legal and factual basis for this proposed action, project #C-1110359, is available for public inspection at http://www.valleyair.org/notices/public_notices_idx.htm and the District office at the address below. There are no emission changes associated with this proposed action. This will be the public's only opportunity to comment on the specific conditions of the proposed Federally Mandated Operating initial permits. If requested by the public, the District will hold a public hearing regarding issuance of this initial permit. For additional information, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900. Written comments on the proposed initial permit must be submitted within 30 days of the publication date of this notice to DAVID WARNER, DIRECTOR OF PERMIT SERVICES, SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, 1990 E. GETTYSBURG AVE, FRESNO, CALIFORNIA 93726-0244.

**SAN JOAQUIN VALLEY
UNIFIED AIR POLLUTION CONTROL DISTRICT**

WM BOLTHOUSE FARMS INC-MOUREN-N COALINGA

PROPOSED ENGINEERING EVALUATION

TABLE OF CONTENTS

Section.....	Page
I. PROPOSAL.....	1
II. FACILITY LOCATION.....	1
III. EQUIPMENT LISTING	1
IV. GENERAL PERMIT TEMPLATE USAGE	1
V. SCOPE OF EPA AND PUBLIC REVIEW	1
VI. APPLICABLE REQUIREMENTS ADDRESSED BY GENERAL PERMIT TEMPLATES	2
VIII. REQUIREMENTS NOT FEDERALLY ENFORCEABLE	3
IX. COMPLIANCE.....	4
X. PERMIT SHIELD	24
XI. PERMIT CONDITIONS.....	25

**ATTACHMENT A – DETAILED FACILITY PRINTOUT
ATTACHMENT B – EXEMPT EQUIPMENT
ATTACHMENT C – SJVUAPCD PERMITS**

TITLE V APPLICATION REVIEW

Project #: C-1110359
Deemed Complete: March 02, 2011

Engineer: Juscelino Siongco
Date: May 23, 2012

Facility Number: C-7843
Facility Name: WM Bolthouse Farms Inc-Mouren-N Coalinga
Mailing Address: 7200 E Brundage Ln
Bakersfield, CA 93307

Contact Name: Derek Yurosek
Phone: (661) 366-7209 x1650

Responsible Official: Derek Yurosek
Title: Vice President of Agricultural Operation

I. PROPOSAL

WM Bolthouse Farms Inc. is proposing that an initial Title V permit be issued for its agricultural facility in Section 15, Township 20S, Range 15E in Coalinga, Fresno County, CA. The purpose of this evaluation is to identify all applicable requirements, determine if the facility will comply with those applicable requirements, and to provide the legal and factual basis for proposed permit conditions.

II. FACILITY LOCATION

WM Bolthouse Farms Inc. is located in Section 15, Township 20S, Range 15E in Coalinga, Fresno County, CA.

III. EQUIPMENT LISTING

A detailed facility printout listing all permitted equipment at the facility is shown in Attachment A.

A summary of the exempt equipment categories which describe the insignificant activities or equipment at the facility not requiring a permit is shown in Attachment B. This equipment is not exempt from facility-wide requirements.

IV. GENERAL PERMIT TEMPLATE USAGE

The applicant has chosen to not use any model general permit templates.

V. SCOPE OF EPA AND PUBLIC REVIEW

The applicant has not requested to utilize any model general permit templates. Therefore, the proposed permit in its entirety is subject to EPA and public review.

VI. REQUIREMENTS ADDRESSED BY GENERAL PERMIT TEMPLATES

The applicant has not proposed to utilize any model general permit templates. All applicable requirements are explicitly addressed in the permit outside of the general permit templates.

VII. REQUIREMENTS NOT ADDRESSED BY GENERAL PERMIT TEMPLATES

District Rule 1080, Stack Monitoring (amended December 17, 1992)

District Rule 1100, Equipment Breakdown (amended December 17, 1992) (Non-SIP replacement for Fresno County Rule 110)

District Rule 1160, Emission Statements (adopted November 18, 1992)

District Rule 2010, Permits Required (amended December 17, 1992)

District Rule 2020, Exemptions (amended August 18, 2011)

District Rule 2031, Transfer of Permits (amended December 17, 1992)

District Rule 2040, Applications (amended December 17, 1992)

District Rule 2070, Standards for Granting Applications (amended December 17, 1992)

District Rule 2080, Conditional Approval (amended December 17, 1992)

District Rule 2201, New and Modified Stationary Source Review Rule (amended April 21, 2011)

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

District Rule 4101, Visible Emissions (amended February 17, 2005)

District Rule 4201, Particulate Matter Concentration (amended December 17, 1992)

District Rule 4601, Architectural Coatings (amended December 17, 2009)

District Rule 4701, Internal Combustion Engines – Phase 1 (amended August 21, 2003)

District Rule 4702, Internal Combustion Engines – Phase 2 (amended August 18, 2011)

District Rule 8011, General Requirements (amended August 19, 2004)
District Rule 8021, Construction, Demolition, Excavation, and Other Earthmoving Activities (amended August 19, 2004)
District Rule 8031, Bulk Materials (amended August 19, 2004)
District Rule 8041, Carryout and Trackout (amended August 19, 2004)
District Rule 8051, Open Areas (amended August 19, 2004)
District Rule 8061, Paved and Unpaved Roads (amended August 19, 2004)
District Rule 8071, Unpaved Vehicle/Equipment Traffic Areas (amended September 16, 2004)
40 CFR Part 60, Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
40 CFR Part 61, Subpart M, National Emission Standard for Asbestos
40 CFR Part 63, Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
40 CFR Part 64, Compliance Assurance Monitoring (CAM)
40 CFR Part 82, Subpart B and F, Stratospheric Ozone
Fresno County Rule 107, Inspections
Fresno County Rule 406, Sulfur Compounds

VIII. REQUIREMENTS NOT FEDERALLY ENFORCEABLE

For each Title V source, the District issues a single permit that contains the Federally Enforceable requirements, as well as the District-only requirements. The District-only requirements are not a part of the Title V Operating Permits. The terms and conditions that are part of the facility's Title V permit are designated as Federally Enforceable through Title V Permit.

This facility is subject to the following rules that are not currently federally enforceable:

District Rule 4102 – Nuisance

This rule prevents the discharge from any source whatsoever such quantities of air contaminants or other materials which cause injury, detriment, nuisance or annoyance to any considerable number of persons or to the public or which endanger the comfort, repose, health or safety of any such person or the public or which cause or have a natural tendency to cause injury or damage to business or property.

a. C-7843-0-1 – Facility-Wide Requirements

- Condition 39 on the proposed permit complies with this rule.

b. C-7843-1-1: 275 bhp John Deere Model 6081H Serial #RG6081H241002 Tier 2 Diesel-Fired IC Engine Powering an Agricultural Irrigation Pump (Eng #281)

- Conditions 5, 9, and 11 on the requirements for the proposed permit comply with this rule.

District Rule 4801 – Sulfur Compounds

This rule limits the emissions of sulfur compounds, which would exist as a liquid or gas at standard conditions, exceeding in concentration at the point of discharge: two-tenths (0.2) percent by volume calculated as sulfur dioxide (SO₂), on a dry basis averaged over 15 consecutive minutes.

a. C-7843-1-1: 275 bhp John Deere Model 6081HF70 Serial #RG6081H241002 Tier 2 Diesel-Fired IC Engine Powering an Agricultural Irrigation Pump (Eng #281)

- Condition 10 on the requirements for this permit unit complies with this rule.

b. C-7843-3-1: 510 bhp Cummins Model QSX15 Serial #79002570 Tier 2 Diesel-Fired IC Engine Powering an Agricultural Irrigation Pump (Eng #229/322)

- Condition 16 on the requirements for this permit unit complies with this rule.

Title 17 CCR, Section 93115 - Airborne Toxic Control Measure (ATCM) for Stationary Compression-Ignition (CI) Engines

The purpose of this rule is to reduce diesel particulate matter (PM) and criteria pollutant emissions from stationary diesel-fueled compression ignition engines.

a. C-7843-1-1: 275 bhp John Deere Model 6081HF70 Serial #RG6081H241002 Tier 2 Diesel-Fired IC Engine Powering an Agricultural Irrigation Pump (Eng #281)

- Conditions 6, 8, 9, 10, and 16 on the requirements for this permit unit comply with this rule.

- b. C-7843-3-1: 510 bhp Cummins Model QSX15 Serial #79002570 Tier 2 Diesel-Fired IC Engine Powering an Agricultural Irrigation Pump (Eng #229/322)
 - Condition 16 on the requirements for this permit unit complies with this rule.

IX. COMPLIANCE

A. Requirements Addressed by Model General Permit Templates

1. Facility Wide Requirements

The applicant proposes not to utilize any model general permit templates. All applicable requirements are addressed in the following sections.

B. Requirements Not Addressed by Model General Permit Templates

1. District Rule 1080 – Stack Monitoring

This rule grants the District the authority to request the installation, use maintenance, and inspection of continuous monitoring equipment. The general, source and pollutant specific requirements for continuous monitoring equipment are defined. This rule also specifies the performance standards for the equipment and administrative recordkeeping, reporting, and violation and equipment breakdown notification requirements.

- a. C-7843-3-1: 510 bhp Cummins Model QSX15 Serial #79002570 Tier 2 Diesel-Fired IC Engine Powering an Agricultural Irrigation Pump (Eng 229/322)

- Conditions 19, 22, and 23 on the proposed permit comply with this rule.

2. District Rule 1100 – Equipment Breakdown

This rule defines a breakdown condition and the procedures to follow if one occurs. The corrective action, the issuance of an emergency variance, and the reporting requirements are also specified. Sections 6.0 and 7.0 prescribe breakdown procedures and reporting requirements. District Rule 1100 has been submitted to the EPA to replace Fresno County Rule 110 that is in the State Implementation Plan (SIP). District Rule 1100 is at least as stringent as the county SIP rule addressing breakdowns, as shown in following.

Comparison of District Rule 1100 to Fresno County Rule 110

REQUIREMENTS	District Rule 1100	Fresno Rule 110
A breakdown occurrence must be reported as soon as reasonably possible but no later than 1 hour after detection.	X	X
A variance must be obtained if the occurrence will last longer than a production run or 24 hours, whichever is shorter (96 hours for CEM systems).	X	X
A report must be submitted to the APCO within 10 days of the correction of the breakdown occurrence which includes:	X	X
1) A statement that the breakdown condition has been corrected, together with the date of correction and proof of compliance.	X	X
2) A specific statement of the reason(s) or cause(s) for the occurrence sufficient to enable the APCO to determine whether the occurrence was a breakdown condition.	X	X
3) A description of the corrective measures undertaken and/or to be undertaken to avoid such an occurrence in the future.	X	
4) Pictures of the equipment or controls which failed if available.	X	

a. C-7843-0-1: Facility-Wide Requirements

- Conditions 1 and 2 on the requirements for the proposed permit comply with this rule.

3. District Rule 1160 – Emission Statements

The purpose of this rule is to provide the District with an accurate accounting of emissions from significant sources with which the District and California EPA Air Resources Board (ARB) can compile an accurate inventory. Section 5.0 requires the owner or operator of any stationary source to provide the District with a written emissions statement showing actual emissions of reactive organic gases (ROGs) and nitrogen oxides (NOx) from that source. The District waives this requirement for sources emitting less than 25 tons per year of these pollutants if the District provides the Air Resources Board (ARB) with an emissions inventory of sources emitting greater than 10 tons per year of NOx or ROGs based on the use of emission factors acceptable to the ARB.

a. C-7843-0-1: Facility-Wide Requirements

- Condition 3 on the requirements for the proposed permit complies with this rule.

4. District Rule 2010 – Permits Required

District Rule 2010 sections 3.0 and 4.0 require any person building, modifying or replacing any operation that may cause the issuance of air contaminants to apply for an Authority to Construct (ATC) from the District in advance. The ATC will remain in effect until the Permit to Operate (PTO) is granted.

a. C-7843-0-1: Facility-Wide Requirements

- Condition 4 on the requirements for the proposed permit complies with this rule.

5. District Rule 2020 – Exemptions

District Rule 2020 lists equipment which is specifically exempt from obtaining permits and specifies recordkeeping requirements to verify such exemptions. The rule was amended in August 8, 2011. Since the amendments do not affect the current permit requirements, the changes to the rule will not be addressed in this evaluation.

a. C-7843-0-1: Facility-Wide Requirements

- Condition 4 on the requirements for the proposed permit complies with this rule.

6. District Rule 2031 – Transfer of Permits

This rule requires a permit to operate or an authority to construct shall not be transferable, whether by operation of law or otherwise, from one location to another, from one piece of equipment to another, or from one person to another, unless a new application is filed with and approved by the APCO.

a. C-7843-0-1: Facility-Wide Requirements

- Condition 6 on the requirements for the proposed permit complies with this rule.

7. District Rule 2040 – Applications

The purpose of this rule is to explain the procedures for filing, denying, and appealing the denial of applications for an Authority to Construct or a Permit to Operate.

a. C-7843-0-1: Facility-Wide Requirements

- Condition 7 on the requirements for the proposed permit complies with this rule.

8. District Rule 2070 – Standards for Granting Applications

The purpose of this rule is to explain the standards by which an APCO may deny an application for an Authority to Construct or Permit to Operate. Any source operation must be constructed and operated in accordance with Rule 2201 (New and Modified Stationary Source Review Rule), Rule 4001 (New Source Performance Standards), and Rule 4002 (National Emissions Standards for Hazardous Air Pollutants), the Authority to Construct, and the Permit to Operate.

a. C-7843-0-1: Facility-Wide Requirements

- Condition 5 on the requirements for the proposed permit complies with this rule.

9. District Rule 2080 – Conditional Approval

The purpose of this rule is to grant authority to the APCO to issue or revise specific written conditions on an Authority to Construct or a Permit to Operate to assure compliance with air contaminant emission standards or limitations.

a. C-7843-0-1: Facility-Wide Requirements

- Condition 5 on the requirements for the proposed permit complies with this rule.

10. District Rule 2201 – New and Modified Stationary Source Review Rule

The permit unit is subject to the District Rule 2201 upon application for Authority to Construct (ATC). In accordance with the White Paper for Streamlined Development of Part 70 Permit Applications, dated July 10, 1995, conditions from the resulting Permit to Operate (PTO) were addressed to define how NSR permit terms should be incorporated into the Title V permit.

- a. C-7843-1-1: 275 bhp John Deere Model 6081H Serial #RG6081H241002 Tier 2 Diesel-Fired IC Engine Powering an Agricultural Irrigation Pump (Eng #281)

- Conditions 1 and 2 from the current PTO have been included as conditions 1 and 2 on the requirements for the proposed permit.
 - Condition 3 from the current PTO is obsolete and has not been included on the requirements for the proposed permit.
 - Condition 4 from the current PTO has been included as condition 3 on the requirements for the proposed permit.
 - Condition 5 from the current PTO has been moved to the Facility-Wide permit as condition 39.
 - Condition 6 from the current PTO has been included as condition 4 on the requirements for the proposed permit.
 - Condition 7 from the current PTO has been included as condition 22 on the requirements for the proposed permit.
 - Conditions 8 through 16 from the current PTO have been included as conditions 5 through 13 on the requirements for the proposed permit.
- b. C-7843-3-1: 510 bhp Cummins Model QSX15 Serial #79002570 Tier 2 Diesel-Fired IC Engine Powering an Agricultural Irrigation Pump (Eng 229/322)
- Conditions 1, 2, and 3 from the current PTO have been included as conditions 1, 2, and 3 on the requirements for the proposed permit.
 - Condition 4 from the current PTO has been moved to the Facility-Wide permit as condition 39.
 - Condition 5 from the current PTO has been included as condition 4 on the requirements for the proposed permit.
 - Condition 6 from the current PTO has been included as condition 22 on the requirements for the proposed permit.
 - Conditions 7 through 14 from the current PTO have been included as conditions 5 through 12 on the requirements for the proposed permit.

11. District Rule 2520 – Federally Mandated Operating Permits

The purpose of this rule is to provide for the following: An administrative mechanism for issuing operating permits for new and modified sources of air contaminants in accordance with requirements of 40 CFR Part 70. An administrative mechanism for issuing renewed operating permits for sources of air contaminants in accordance with requirements of 40 CFR Part 70. An administrative mechanism for revising, reopening, revoking, and terminating operating permits for sources of air contaminants in accordance with requirements of 40 CFR Part 70. An administrative mechanism for incorporating requirements authorized by preconstruction permits issued under District Rule 2201 (New and Modified Stationary

Source Review) in a Part 70 permit as administrative amendments, provided that such permits meet procedural requirements substantially equivalent to the requirements of 40 CFR 70.7 and 70.8, and compliance requirements substantially equivalent to those contained in 40 CFR 70.6. The applicable federal and local requirements to appear on a single permit.

Per Section 3.30, a stationary source: same as that defined in District Rule 2201 (New and Modified Stationary Source Review)—Stationary Source: any building, structure, facility, or installation which emits or may emit any affected pollutant directly or as a fugitive emission. Building, structure, facility or installation includes all pollutant emitting activities including emissions units which:

- Are under the same or common ownership or operation, or which are owned or operated by entities which are under common control; and
- Belong to the same industrial grouping either by virtue of falling within the same two-digit standard industrial classification code or by virtue of being part of a common industrial process, manufacturing process, or connected process involving a common raw material; and
- Are located on one or more contiguous or adjacent properties; or
- Are located on one or more properties wholly within either the Western Kern County Oil Fields or the Central Kern County Oil Fields or Fresno County Oil Fields and are used for the production of light oil, heavy oil or gas. Notwithstanding the provisions of this definition, light oil production, heavy oil production, and gas production shall constitute separate Stationary Sources.

Per the Clean Air Act (CAA), Title 42, Chapter 85, Subchapter III, Section 7602(z), the term “stationary source” means generally any source of an air pollutant except those emissions resulting directly from an internal combustion engine for transportation purposes or from a nonroad engine or nonroad vehicle.

The following permit unit is a nonroad engine and the requirements on the permit are not subject Federally Enforceable Requirements.

a. C-7843-2-0: Transportable 60 bhp Perkins Model 1104C-44 Serial #U311031 Tier 2 Diesel-Fired IC Engine Powering an Agricultural Irrigation Booster Pump (Eng #293)

- Conditions 1 through 21 on the requirements for the permit are not subject to Federally Enforceable Requirements.

Section 5.2 requires permittees submit applications for Title V permit renewal at least six months prior to permit expiration.

a. C-7843-0-1: Facility-Wide Requirements

- Condition 37 on the requirements for the proposed permit complies with this rule.

Section 9.0 of District Rule 2520 requires certain elements to be contained in each Title V permit:

Section 9.1.1 of District Rule 2520 requires all conditions on Title V permits specify a reference of the origin of an authority for each term or condition, and identify any difference in form as compared to the applicable requirements upon which the term or condition is based.

Section 9.4 contains requirements to incorporate all applicable recordkeeping requirements into the Title V permit. This section also specifies records of any required monitoring and support data be kept for a period of five years.

a. C-7843-0-1: Facility-Wide Requirements

- Conditions 8 and 9 on the requirements for the proposed permit comply with this rule.

Section 9.5 requires the submittal of monitoring reports at least every six months. Prompt reporting of deviations from permitting requirements, including those attributable to upset conditions is also required. The responsible official must certify all required reports.

a. C-7843-0-1: Facility-Wide Requirements

- Conditions 10 and 11 on the requirements for the proposed permit comply with this rule.

Section 9.7 states that the Title V permit must also contain a severability clause in case of a court challenge.

a. C-7843-0-1: Facility-Wide Requirements

- Condition 12 on the requirements for the proposed permit complies with this rule.

Section 9.8 contains requirements for provisions in the Title V permit stating 1) the permittee must comply with all permit conditions; 2) the permitted activity should not be reduced in order to comply with the permit conditions. Further, this reasoning shall not be used as a defense in an enforcement action, 3) the permit may be revoked, modified, reissued, or reopened for cause, 4) the Title V permit does not reflect any property rights, and 5) the permittee will furnish the District with any requested information to determine compliance with the conditions of the Title V permit.

a. C-7843-0-1: Facility-Wide Requirements

- Conditions 5 and 13 through 16 on the requirements for the proposed permit comply with this rule.

Section 9.9 requires the permit specify that the permittee pay annual permit fees and applicable fees from District Rules 3010, 3030, 3050, 3080, 3090, 3110, and 3120.

a. C-7843-0-1: Facility-Wide Requirements

- Condition 17 on the requirements for the proposed permit complies with this rule.

Section 9.13.1 requires any report or document submitted under a permit requirement or a request for information by the District or EPA contain a certification by a responsible official as to truth, accuracy, and completeness.

a. C-7843-0-1: Facility-Wide Requirements

- Condition 26 on the requirements for the proposed permit complies with this rule.

Section 9.13.2 contains inspection and entry requirements that allows an authorized representative of the District to enter a permittee's premises to inspect equipment, operations, work practices, permits on file, and to sample substances or monitor parameters for the purpose of assuring compliance with the permit requirements.

a. C-7843-0-1: Facility-Wide Requirements

- Conditions 18, 19, 20, and 21 on the requirements for the proposed permit comply with this rule.

Section 9.16 requires that the permittee submit certification of compliance with the terms and standards of Title V permits to the EPA and the District annually (or more frequently as required by the applicable requirement or the District).

a. C-7843-0-1: Facility-Wide Requirements

- Condition 36 on the requirements for the proposed permit complies with this rule.

Section 10.0 requires any application form, report, or compliance certification submitted pursuant to these regulations shall contain certification of truth, accuracy, and completeness by a responsible official.

a. C-7843-0-1: Facility-Wide Requirements

- Condition 26 on the requirements for the proposed permit complies with this rule.

Greenhouse Gas Requirements

There are no federally applicable Greenhouse Gas (GHG) requirements for this source. It should be noted that the Mandatory Greenhouse Gas Reporting rule (40CFR Part 98) is not included in the definition of an applicable requirement within Title V (per 40CFR 71.2). Therefore, there will be no further discussion of GHG in this evaluation.

12. District Rule 4101 – Visible Emissions

The purpose of this rule is to prohibit the emissions of visible air contaminants to the atmosphere. Section 5.0 prohibits the discharge of any air contaminant for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker in shade as that designated as No. 1 on the Ringelmann Chart; or is of such opacity as to obscure an observer's view to a degree equal to or greater than the smoke described in Section 5.1 of Rule 4101.

a. C-7843-0-1: Facility-Wide Requirements

- Condition 22 on the requirements for the proposed permit complies with this rule.

13. District Rule 4201 – Particulate Matter Concentration

The purpose of this rule is to protect the ambient air quality by establishing a particulate matter emission standard. Section 3.1 requires emissions to be at or below 0.1 grains of particulate matter per dry standard cubic foot of exhaust gas.

Both diesel-fired internal combustion engines are US EPA certified to Tier 2 standards with PM emissions less than 0.149 g/bhp-hr. The following calculation will show that the particulate matter emissions from both diesel-fired engines will be less than or equal to the rule limit of 0.1 grain per cubic foot of gas at dry standard conditions:

$$\text{PM Conc.} = 0.15 \text{ g-PM}_{10}/\text{bhp-hr} \times 1 \text{ g-PM}/0.96 \text{ g-PM}_{10} \times 1 \text{ bhp-hr}/2,542.5 \text{ Btu} \\ \times 1,000,000 \text{ Btu}/9,051 \text{ dscf} \times 0.35 \text{ Btu}_{\text{out}}/1 \text{ Btu}_{\text{in}} \times 15.43 \text{ gr/g}$$

$$\text{PM Conc.} = 0.04 \text{ gr-PM}/\text{dscf} < 0.1 \text{ gr-PM}/\text{dscf}$$

- a. C-7843-1-1: 275 bhp John Deere Model 6081H Serial #RG6081H241002 Tier 2 Diesel-Fired IC Engine Powering an Agricultural Irrigation Pump (Eng #281)
 - Condition 4 on the proposed permit complies with this rule.
- b. C-7843-3-1: 510 bhp Cummins Model QSX15 Serial #79002570 Tier 2 Diesel-Fired IC Engine Powering an Agricultural Irrigation Pump (Eng 229/322)
 - Condition 4 on the proposed permit complies with this rule.

14. District Rule 4601 – Architectural Coatings

This rule limits the emissions of VOCs from architectural coatings. It requires limiting the application of any architectural coating to no more than what is listed in the Table of Standards (Section 5.0). This rule further specifies labeling requirements, coatings thinning recommendations and storage requirements.

- a. C-7843-0-1: Facility-Wide Requirements
 - Conditions 23, 24, and 25 on the requirements for the proposed permit comply with this rule.

15. District Rule 4701 – Internal Combustion Engines–Phase 1

The purpose of this rule is to limit the emissions of nitrogen oxides (NO_x), carbon monoxide (CO), and volatile organic compounds (VOC) from internal combustion engines. Except as provided in Section 4.0, the provisions of this rule apply to any internal combustion engine, rated greater than 50 bhp that requires a Permit to Operate (PTO).

There are 10 natural gas-fired IC engine involved with this project. Pursuant to Section 2.0 of District Rule 4701, these engines are subject to District Rule 4701–*Internal Combustion Engines–Phase 1*. In addition, these engine are also subject to District Rule 4702–*Internal Combustion Engines–Phase 2*.

Since the emissions limits of District Rule 4702 and all other requirements are equivalent or more stringent than District Rule 4701 requirements, compliance with 4702 rule requirements will satisfy requirements of District Rule 4701 and no further discussion is required.

16. District Rule 4702 – Internal Combustion Engines–Phase 2

The purpose of this rule is to limit the emissions of nitrogen oxides (NO_x), carbon monoxide (CO), and volatile organic compounds (VOC) from internal combustion engines. This rule applies to any internal combustion (IC) engine with a rated brake horsepower greater than 50 horsepower.

5.2.4 Certified Compression-Ignited Engines (AO and non-AO)

The operator of a certified compression-ignited engine rated >50 bhp shall comply with the following requirements:

5.2.4.1 Repower, replace, or control the engine's emissions to comply with the applicable limits/standards in Table 4 on an engine-by-engine basis by the compliance dates as specified in Table 4.

5.2.4.2 The annual hours of operation shall be determined on a calendar year basis.

5.2.4.3 In lieu of complying with the NO_x, CO, and VOC limits of Table 4 on an engine-by-engine basis, an operator may elect to implement an alternative emission control plan pursuant to Section 8.0.

5.2.4.4 An operator of an AO compression-ignited engine that is subject to the applicable requirements of Table 4 shall not replace such engine with an engine that emits more emissions of NO_x, VOC,

and CO, on a ppmv basis, (corrected to 15% oxygen on a dry basis) than the engine being replaced.

Rule 4702 Section 5.2.4, Table 4*		
Engine Type	Emission Limit/Standard	Compliance Date
1. Non-Certified Compression-Ignited Engine		
a. Greater than 50 bhp not more than 500 bhp	EPA Tier 3 or Tier 4	1/1/2010
b. Greater than 500 bhp but not more than 750 bhp and less than 1000 annual operating hours	EPA Tier 3	1/1/2010
c. Greater than 750 bhp and less than 1000 annual operating hours	EPA Tier 4	7/1/2011
d. Greater than 500 bhp and greater than 1000 annual operating hours	80 ppm NOx, 2,000 ppm CO, 750 ppm VOC	1/1/2008 or, if owner has an agreement to electrify, comply by 1/1/2010
2. Certified Compression-Ignited Engine		
a. EPA Certified Tier 1 or Tier 2 Engine	EPA Tier 4	1/1/2015 or 12 years after installation date, whichever is later
b. EPA Certified Tier 3 or Tier 4 Engine	Meet Certified Compression-Ignited Engine Standard in effect at time of installation	At time of installation

*Corrected to 15% oxygen on a dry basis

Permit units C-7843-1 and -3 are EPA certified Tier 2, and will be required to meet the emission limit/standard in Table 2, row 2a, by the applicable compliance date.

5.9 Monitoring Requirements:

5.9.1 The operator of any of the following engines shall comply with the requirements specified in Section 5.9.2 through Section 5.9.5 below:

5.9.2 Properly operate and maintain each engine as recommended by the engine manufacturer or emission control system supplier.

5.9.3 Monitor the operational characteristics of each engine as recommended by the engine manufacturer or emission control system supplier.

5.9.4 Install and operate a nonresettable elapsed time meter.

5.9.4.1 In lieu of installing a nonresettable elapsed time meter, the operator may use an alternative device, method, or technique, in determining operating time provided that the alternative is approved by the APCO and EPA and is allowed by a Permit-to- Operate or Permit-Exempt Equipment Registration condition.

5.9.4.2 The operator shall properly maintain and operate the nonresettable elapsed time meter or alternative device in accordance with the manufacturer's instructions.

Section 6.2 requires the operator of an engine subject to the requirements of Section 5.2 of this rule maintain an engine operating log to demonstrate compliance with this rule. The engine operating log shall include, on a monthly basis, the following information:

6.2.1.1 Total hours of operation,

6.2.1.2 Type of fuel used,

6.2.1.3 Maintenance or modifications performed,

6.2.1.4 Monitoring data,

6.2.1.5 Compliance source test results, and

6.2.1.6 Any other information necessary to demonstrate compliance with this rule.

- a. C-7843-1-1: 275 bhp John Deere Model 6081H Serial #RG6081H241002 Tier 2 Diesel-Fired IC Engine Powering an Agricultural Irrigation Pump (Eng #281)
 - Conditions 3, 6, 12, 13, 14, 16, and 17 on the proposed permit comply with this rule.
- b. C-7843-3-1: 510 bhp Cummins Model QSX15 Serial #79002570 Tier 2 Diesel-Fired IC Engine Powering an Agricultural Irrigation Pump (Eng 229/322)
 - Conditions 3, 5, 6, 7, 8, 9, 10, 11, and 12 on the proposed permit comply with this rule.

17. District Rule 8011, 8021, 8031, 8041, 8051, 8061, and 8071 – SJVUAPCD Regulation VIII - Fugitive Dust (PM10)

These regulations contain requirements for the control of fugitive dust. These requirements apply to various sources, including construction, demolition, excavation, extraction, mining activities, outdoor storage piles, paved and unpaved roads.

a. C-7843-0-1: Facility-Wide Requirements

- Conditions 29 through 34 on the requirements for the proposed permit comply with these rules.

18. 40 CFR 60, Subpart III – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

This provisions of this subpart are applicable to owners, and operators of stationary compression ignition (CI) internal combustion engines (ICE) that commence construction after July 11, 2005 where the stationary CI ICE are manufactured after April 1, 2006 and are not fire pump engines.

The CI ICEs in this facility were all manufactured prior to April 1, 2006.

a. C-7843-1-1: 275 bhp John Deere Model 6081H Serial #RG6081H241002 Tier 2 Diesel-Fired IC Engine Powering an Agricultural Irrigation Pump (Eng #281)

- This engine was manufactured in 2004 (Engine Family 4JDXL06.8038) and not subject to this subpart.

b. C-7843-3-1: 510 bhp Cummins Model QSX15 Serial #79002570 Tier 2 Diesel-Fired IC Engine Powering an Agricultural Irrigation Pump (Eng 229/322)

- This engine was manufactured in 2003 (Engine Family 3CEXL015.AAA) and not subject to this subpart.

19. 40 CFR 61, Subpart M – National Emission Standard for Asbestos

There are applicable requirements from the National Emissions Standards for Hazardous Air Pollutants that apply to all sources in general. These requirements pertain to asbestos removal and disposal from renovated or demolished structures.

a. C-7843-0-1: Facility-Wide Requirements

- Condition 35 on the requirements for the proposed permit complies with this rule.

20. 40 CFR 63, Subpart ZZZZ – National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

Subpart ZZZZ establishes national emission limitations and operating limitations for hazardous air pollutants (HAP) emitted from stationary reciprocating internal combustion engines (RICE) located at major and area sources of HAP emissions. This subpart also establishes requirements to demonstrate initial and continuous compliance with the emission limitations and operating limitations.

- a. C-7843-1-1: 275 bhp John Deere Model 6081H Serial #RG6081H241002 Tier 2 Diesel-Fired IC Engine Powering an Agricultural Irrigation Pump (Eng #281) and C-7843-3-1: 510 bhp Cummins Model QSX15 Serial #79002570 Tier 2 Diesel-Fired IC Engine Powering an Agricultural Irrigation Pump (Eng 229/322)

§63.6585 states an owner or operator is subject to this subpart if it owns or operates a stationary RICE at a major or area source of HAP emissions.

§63.6585(b) A major source of HAP emissions is a plant site that emits or has the potential to emit any single HAP at a rate of 10 tons (9.07 megagrams) or more per year or any combination of HAP at a rate of 25 tons (22.68 megagrams) or more per year.

§63.6585(c) An area source of HAP emissions is a source that is not a major source.

- This facility is an area source of HAP emissions since it is not a major source of HAP per §63.6585(b).

§63.6590(a)(1)(iii) For stationary RICE located at an area source of HAP emissions, a stationary RICE is existing if you commenced construction or reconstruction of the stationary RICE before June 12, 2006.

- Permit units C-7843-1-1 and -3-1 are existing stationary RICE since both commenced construction before June 12, 2006.

§63.6595(a)(1) An existing stationary CI RICE located at an area source of HAP emissions must comply with the applicable emission limitations and operating limitations no later than May 3, 2013.

- Condition 19 on the proposed permit for unit C-7843-1-1 and condition 14 on the proposed permit for unit C-7843-3-1 comply with this requirement.

§63.6603(a) If you own or operate an existing stationary RICE located at an area source of HAP emissions, you must comply with the requirements in Table 2d to this subpart.

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

As stated in §§63.6603 and 63.6640, you must comply with the following requirements for existing stationary RICE located at area sources of HAP emissions:

For each	You must meet the following requirement, except during periods of startup	During periods of startup you must
1. Non-Emergency, non-black start CI stationary RICE ≤300 HP	a. Change oil and filter every 1,000 hours of operation or annually, whichever comes first; 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.	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.
3. Non-Emergency, non-black start CI stationary RICE >500 HP	a. Limit concentration of CO in the stationary RICE exhaust to 23 ppmvd at 15 percent O ₂ ; or b. Reduce CO emissions by 70 percent or more.	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.

- Conditions 20, 21, and 22 on the proposed permit for unit C-7843-1-1 comply with this requirement.

- Condition 16 on the proposed permit for unit C-7843-3-1 complies with this requirement.

§63.6604 An existing non-emergency, non-black start CI stationary RICE with a site rating of more than 300 brake HP with a displacement of less than 30 liters per cylinder that uses diesel fuel must use diesel fuel that meets the requirements in 40 CFR 80.510(b) for nonroad diesel fuel.

40 CFR 80.510(b) requires that nonroad diesel fuel has a sulfur content of 15 ppm maximum.

- Condition 15 on the proposed permit for unit C-7843-3-1 complies with this requirement.

§63.6625(g) If an existing non-emergency, non-black start CI engine greater than or equal to 300 HP is not equipped with a closed crankcase ventilation system, owners and operators must comply with either paragraph (g)(1) or paragraph (g)(2) of this section. Owners and operators must 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.

§63.6625(g)(1) Install a closed crankcase ventilation system that prevents crankcase emissions from being emitted to the atmosphere, or

§63.6625(g)(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.

- Condition 17 on the proposed permit for unit C-7843-3-1 complies with this requirement.

§63.6655(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.
- Conditions 23 and 24 on the proposed permit for unit C-7843-1-1 comply with this requirement.

21. 40 CFR Part 64 – Compliance Assurance Monitoring

40 CFR Part 64 requires Compliance Assurance Monitoring (CAM) for units that meet the following three criteria:

- 1) the unit must have an emission limit for the pollutant;
 - 2) the unit must have add-on controls for the pollutant; these are devices such as flue gas recirculation (FGR), baghouses, and catalytic oxidizers; and
 - 3) the unit must have a pre-control potential to emit of greater than the major source thresholds.
- a. C-7843-1-1: 275 bhp John Deere Model 6081H Serial #RG6081H241002 Tier 2 Diesel-Fired IC Engine Powering an Agricultural Irrigation Pump (Eng #281)

This permit unit has emissions limits for NO_x, SO_x, PM₁₀, CO, and VOC but it does not have add-on controls for these criteria pollutants. Therefore, this permit unit is not subject to CAM for NO_x, SO_x, PM₁₀, CO, and VOC.

- b. C-7843-3-1: 510 bhp Cummins Model QSX15 Serial #79002570 Tier 2 Diesel-Fired IC Engine Powering an Agricultural Irrigation Pump (Eng 229/322)

This permit unit has emissions limits for NO_x, SO_x, PM₁₀, CO, and VOC but it does not have add-on controls for these criteria pollutants. Therefore, this permit unit is not subject to CAM for NO_x, SO_x, PM₁₀, CO, and VOC.

22. 40 CFR Part 82, Subpart B and F – Stratospheric Ozone

There are applicable requirements from Title VI of the CAA (Stratospheric Ozone) that apply to all sources in general. These requirements pertain to air conditioners, chillers, and refrigerators located at a Title V source and

to disposal of air conditioners or maintenance/recharging/disposal of motor vehicle air conditioners (MVAC).

a. C-7843-0-1: Facility-Wide Requirements

- Conditions 27 and 28 on the requirements for the proposed permit comply with this rule.

23. Fresno County Rule 107 – Inspections

The purpose of this rule is to explain the enforcement agency’s authority in determining compliance with the requirements of these rules and regulations.

a. C-7843-1-1: 275 bhp John Deere Model 6081H Serial #RG6081H241002 Tier 2 Diesel-Fired IC Engine Powering an Agricultural Irrigation Pump (Eng #281)

- Conditions 1 and 2 on the proposed permit comply with this rule.

b. C-7843-3-1: 510 bhp Cummins Model QSX15 Serial #79002570 Tier 2 Diesel-Fired IC Engine Powering an Agricultural Irrigation Pump (Eng 229/322)

- Conditions 1 and 2 on the proposed permit comply with this rule.

24. Fresno County Rule 406 – Sulfur Compounds

This rule contains a limit on sulfur compounds. The limit at the point of discharge is 0.2 percent by volume, which is 2000 ppmv, calculated as sulfur dioxide (SO₂), on a dry basis averaged over 15 consecutive minutes. The maximum fuel sulfur content that can be combusted in diesel-fired IC engines and comply with this 2000 ppmv emission limit is calculated as follows:

$$\frac{\left(137,000 \frac{Btu}{gal}\right) \times \left(\frac{9,190 \text{ dscf}}{10^6 \text{ Btu}}\right) \times \left(32.06 \frac{g-S}{mol}\right) \times \left(0.002 \frac{mol-S}{mol-exhaust}\right) \times \left(28.317 \frac{l}{cu \text{ ft}}\right)}{\left(23.6 \frac{L}{mol}\right) \times \left(7.05 \frac{lb}{gal}\right) \times \left(453.59 \frac{g}{lb}\right)} = 0.030 \frac{lb-S}{lb-Diesel}$$

where,

137,000 Btu/gal= Heat content of diesel (AP-42 9/85, Appendix A-5)
9,190 dscf/10⁶ Btu = Diesel F Factor (40 CFR 60, Appendix A-7, Table 19-1)

32.06 g-S/mol= Molecular weight of sulfur
0.002 mol-S/mol-exhaust = Fresno County 406 limit for sulfur emissions
28.317 l/cu ft = conversion factor for liters to cubic feet
23.6 = Volume one mole of gas occupies at standard conditions (1 atm,
15.5°C)
7.05 lb/gal= density of diesel (AP-42 9/85, Appendix A-6)
453.59 g/lb = conversion factor for grams to pounds

Diesel fuel with a sulfur content of less than 3.0% by weight will satisfy the conditions of this rule. The diesel-fired engines in this facility must be fired on Air Resources Board quality diesel fuel with maximum sulfur content 0.0015% by weight.

- a. C-7843-1-1: 275 bhp John Deere Model 6081H Serial #RG6081H241002 Tier 2 Diesel-Fired IC Engine Powering an Agricultural Irrigation Pump (Eng #281)
 - Condition 10 on the proposed permit complies with this rule.
- b. C-7843-3-1: 510 bhp Cummins Model QSX15 Serial #79002570 Tier 2 Diesel-Fired IC Engine Powering an Agricultural Irrigation Pump (Eng 229/322)
 - Condition 15 on the proposed permit complies with this rule.

X. PERMIT SHIELD

A permit shield legally protects a facility from enforcement of the shielded regulations when a source is in compliance with the terms and conditions of the Title V permit. Compliance with the terms and conditions of the Operating Permit is considered compliance with all applicable requirements upon which those conditions are based, including those that have been subsumed.

A. Requirements Addressed by Model General Permit Templates

The applicant has not requested to utilize any model general permit templates.

B. Requirements not Addressed by Model General Permit Templates

The applicant has not requested permit shield for any requirements not addressed by model general permit templates.

XI. PERMIT CONDITIONS

See draft operating permit beginning on the following page.

San Joaquin Valley Air Pollution Control District

FACILITY: C-7843-0-1

EXPIRATION DATE: 08/31/2016

FACILITY-WIDE REQUIREMENTS

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1 and Fresno County Rule 110] Federally Enforceable Through Title V Permit
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0 and Fresno County Rule 110] Federally Enforceable Through Title V Permit
3. {4364} The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
4. {4365} Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (12/20/07). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
5. {4366} The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1] Federally Enforceable Through Title V Permit
6. {4367} A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
7. {4368} Every application for a permit required under Rule 2010 (12/17/92) shall be filed in a manner and form prescribed by the District. [District Rule 2040] Federally Enforceable Through Title V Permit
8. {4369} The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
9. {4370} The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate. Any amendments to these Facility-wide Requirements that affect specific Permit Units may constitute modification of those Permit Units.

Facility Name: WM BOLTHOUSE FARMS INC-MOUREN-N COALINGA
Location: S-15, T-20S, R-15E, N COALINGA, CA
C-7843-0-1 : Apr 25 2012 7:38AM - SIOGSCOJ

10. {4371} The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.5.1] Federally Enforceable Through Title V Permit
11. {4372} Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520 (6/21/01). [District Rules 2520, 9.5.2 and 1100, 7.0] Federally Enforceable Through Title V Permit
12. {4373} If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.7] Federally Enforceable Through Title V Permit
13. {4374} It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.8.2] Federally Enforceable Through Title V Permit
14. {4375} The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.8.3] Federally Enforceable Through Title V Permit
15. {4376} The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.8.4] Federally Enforceable Through Title V Permit
16. {4377} The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.8.5] Federally Enforceable Through Title V Permit
17. {4378} The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.9] Federally Enforceable Through Title V Permit
18. {4379} 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 2520, 9.13.2.1] Federally Enforceable Through Title V Permit
19. {4380} 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 2520, 9.13.2.2] Federally Enforceable Through Title V Permit
20. {4381} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.13.2.3] Federally Enforceable Through Title V Permit
21. {4382} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.13.2.4] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

22. {4383} No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (02/17/05). If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit
23. {4384} No person shall manufacture, blend, repackage, supply, sell, solicit or apply any architectural coating with a VOC content in excess of the corresponding limit specified in Table of Standards 1 effective until 12/30/10 or Table of Standards 2 effective on and after 1/1/11 of District Rule 4601 (12/17/09) for use or sale within the District. [District Rule 4601, 5.1] Federally Enforceable Through Title V Permit
24. {4385} All VOC-containing materials subject to Rule 4601 (12/17/09) shall be stored in closed containers when not in use. [District Rule 4601, 5.4] Federally Enforceable Through Title V Permit
25. {4386} The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.3 (12/17/09). [District Rule 4601, 6.1 and 6.3] Federally Enforceable Through Title V Permit
26. {4387} With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.13.1 and 10.0] Federally Enforceable Through Title V Permit
27. {4388} If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit
28. {4389} If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B] Federally Enforceable Through Title V Permit
29. {4390} Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8021 and 8011] Federally Enforceable Through Title V Permit
30. {4391} Outdoor handling, storage and transport of any bulk material which emits dust shall comply with the requirements of District Rule 8031, unless specifically exempted under Section 4.0 of Rule 8031 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8031 and 8011] Federally Enforceable Through Title V Permit
31. {4392} An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8041 and 8011] Federally Enforceable Through Title V Permit
32. {4393} Whenever open areas are disturbed, or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8051 and 8011] Federally Enforceable Through Title V Permit
33. {4394} Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8061 and Rule 8011] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

34. {4395} Any unpaved vehicle/equipment area that anticipates more than 50 Average annual daily Trips (AADT) shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 150 vehicle trips per day (VDT) shall comply with the requirements of Section 5.1.2 of District Rule 8071. On each day that 25 or more VDT with 3 or more axles will occur on an unpaved vehicle/equipment traffic area, the owner/operator shall comply with the requirements of Section 5.1.3 of District Rule 8071. On each day when a special event will result in 1,000 or more vehicles that will travel/park on an unpaved area, the owner/operator shall comply with the requirements of Section 5.1.4 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (9/16/2004) or Rule 8011 (8/19/2004). [District Rule 8071 and Rule 8011] Federally Enforceable Through Title V Permit
35. {4396} Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M] Federally Enforceable Through Title V Permit
36. {4397} The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
37. {4398} The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
38. {4399} When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
39. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
40. On month, day, year, the initial Title V permit was issued. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report are based upon this initial permit issuance date, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days after the end of the reporting period. [District Rule 2520] Federally Enforceable Through Title V Permit

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

DRAFT

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-7843-1-1

EXPIRATION DATE: 08/31/2016

EQUIPMENT DESCRIPTION:

275 BHP JOHN DEERE MODEL 6081HF70 SERIAL #RG6081H241002 TIER 2 DIESEL-FIRED IC ENGINE POWERING AN AGRICULTURAL IRRIGATION PUMP (ENG #281)

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 only be used for the growing of crops or raising of fowl or animals. [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. 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. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
7. Operation of this engine shall not exceed 6,300 hours per year. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Emissions from this IC engine shall not exceed any of the following limits: 4.18 g-NOx/bhp-hr, 0.60 g-CO/bhp-hr, or 0.37 g-VOC/bhp-hr. [District Rule 2201, and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. Emissions from this IC engine shall not exceed 0.11 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201, 4102, and 17 CCR 93115] Federally Enforceable Through Title V Permit
10. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201, 4801, Fresno County Rule 406, and 17 CCR 93115] Federally Enforceable Through Title V Permit
11. The engine shall always operate at least 1,250 yards away from the nearest receptor. [District Rule 4102]
12. 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
13. 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

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. The permittee 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
15. The permittee shall record the total time the engine operates, in hours per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
16. 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 Rule 4702, 17 CCR 93115, and 40 CFR 63.6660] Federally Enforceable Through Title V Permit
17. This certified 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
18. On and after May 3, 2013, 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
19. On and after May 3, 2013, 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
20. On and after May 3, 2013, 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] Federally Enforceable Through Title V Permit
21. On and after May 3, 2013, 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] Federally Enforceable Through Title V Permit
22. On and after May 3, 2013, 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] Federally Enforceable Through Title V Permit
23. On and after May 3, 2013, the permittee shall maintain monthly records of all performance tests, opacity and visible emissions observations and required maintenance performed on the air pollution control and monitoring equipment. [40 CFR 63.6655(a)(3)/63.10(b)(2)(viii) and 63.6655(a)(4)] Federally Enforceable Through Title V Permit
24. On and after May 3, 2013, 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. [40 CFR 63.6655(a)(2) and (a)(5)] Federally Enforceable Through Title V Permit

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

DRAFT

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-7843-2-0

EXPIRATION DATE: 08/31/2016

EQUIPMENT DESCRIPTION:

TRANSPORTABLE 60 BHP PERKINS MODEL 1104C-44 SERIAL #U311031 TIER 2 DIESEL-FIRED IC ENGINE
POWERING AN AGRICULTURAL IRRIGATION BOOSTER PUMP (ENG #293)

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]
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]
3. Owner/operator may operate this permit unit at any of the following facilities: C-7842, C-7837, C-6982 and S-7633. [District Rule 2010]
4. This engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4702]
5. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
7. 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]
8. The engine shall always operate at least 880 yards away from the nearest receptor. [District Rule 4102]
9. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 17 CCR 93115]
10. 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]
11. Operation of this engine shall not exceed 6,380 hours per year. [District Rule 2201]
12. Emissions from this IC engine shall not exceed any of the following limits: 4.78 g-NOx/bhp-hr, 0.67 g-CO/bhp-hr, or 0.37 g-VOC/bhp-hr. [District Rule 2201 and 13 CCR 2423 and 17 CCR 93115]
13. Emissions from this IC engine shall not exceed 0.127 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102 and 13 CCR 2423 and 17 CCR 93115]
14. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115]
15. 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]
16. This engine shall be operated at one location or site at a facility for no more than 12 consecutive months, or if at a seasonal source, the engine shall not be operated at one location or site at a facility for more than the duration of the season. [District Rules 2201 and 4701]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

17. 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]
18. The permittee 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]
19. The permittee shall record the total time the engine operates, in hours per calendar year. [District Rule 2201]
20. 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 Rule 4702 and 17 CCR 93115]
21. 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]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-7843-3-1

EXPIRATION DATE: 08/31/2016

EQUIPMENT DESCRIPTION:

510 BHP CUMMINS MODEL QSX15 SERIAL #79002570 TIER 2 DIESEL-FIRED IC ENGINE POWERING AN AGRICULTURAL IRRIGATION PUMP (ENG 229/322)

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 only be used for the growing of crops or raising of fowl or animals. [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 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
6. 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
7. Operation of this engine shall not exceed 6,500 hours per year. [District Rule 4702] Federally Enforceable Through Title V Permit
8. The permittee shall record the total time the engine operates, in hours per calendar year. [District Rule 4702] Federally Enforceable Through Title V Permit
9. 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
10. 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
11. 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 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. This certified 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. On and after May 3, 2013, 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. After startup the emission standards applicable are specified in Table 2d of 40 CFR Part 63 Subpart ZZZZ. [40 CFR part 63.6625(h)] Federally Enforceable Through Title V Permit
14. On and after May 3, 2013, 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, Fresno County Rule 406, 17 CCR 93115, and 40 CFR 63.6604] Federally Enforceable Through Title V Permit
16. On and after May 3, 2013, the CO emissions from the engine shall be reduced by 70% or shall not exceed 23 ppmvd @ 15% O₂ (equivalent to 0.2 g-CO/bhp-hr). [40 CFR 63.6603/63.6640] Federally Enforceable Through Title V Permit
17. On and after May 3, 2013, the engine shall be equipped with either a closed crankcase ventilation system that prevents crankcase emissions from being emitted to the atmosphere, or an open crank crankcase filtration emission control system that reduces emissions from the crankcase by filtering the exhaust stream to remove oil mist, particulates, and metals. The permittee shall follow the manufacturer's specified maintenance requirements for operating and maintaining crankcase ventilation system. [40 CFR 63.6625(g)] Federally Enforceable Through Title V Permit

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

DRAFT

Attachment A

Detailed Facility Printout

Detailed Facility Report
For Facility=7843 and excluding Deleted Permits
Sorted by Facility Name and Permit Number

WM BOLTHOUSE FARMS INC-MOUREN-N COALINGA S-15, T-20S, R-15E N COALINGA, CA	FAC # STATUS: TELEPHONE:	C 7843 A	TYPE: TOXIC ID:	TitleV	EXPIRE ON: AREA: INSP. DATE:	08/31/2016 5 / 03/13
---	--------------------------------	---------------------------	--------------------	---------------	------------------------------------	---

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
C-7843-1-0	275 bhp IC engine	3020-10 C	1	240.00	240.00	A	275 BHP JOHN DEERE MODEL 6081H SERIAL #RG6081H241002 TIER 2 DIESEL-FIRED IC ENGINE POWERING AN AGRICULTURAL IRRIGATION WELL PUMP (ENG #281)
C-7843-2-0	60 bhp IC engine	3020-10 A	1	80.00	80.00	A	TRANSPORTABLE 60 BHP PERKINS MODEL 1104C-44 SERIAL #U311031 TIER 2 DIESEL-FIRED IC ENGINE POWERING AN AGRICULTURAL IRRIGATION BOOSTER PUMP (ENG #293)
C-7843-3-0	510 bhp	3020-10 D	1	479.00	479.00	A	510 BHP CUMMINS MODEL QSX15 SERIAL #79002570 TIER 2 DIESEL-FIRED IC ENGINE POWERING AN AGRICULTURAL PUMP (ENG 229/322)

Number of Facilities Reported: 1

Attachment B

Exempt Equipment

**San Joaquin Valley
Unified Air Pollution Control District
Title V Application - INSIGNIFICANT ACTIVITIES**

COMPANY NAME: Bolthouse Farms Inc. (Coalinga)

FACILITY ID: 7843 -

Check the box next to the exemption category from Rule 2020 which describes any insignificant activity or equipment at your facility not requiring a permit.

Exemption Category	Rule 2020 Citation	√	Exemption Category	Rule 2020 Citation	√
Structure or incinerator assoc. with a structure designed as a dwelling for 4 families or less	4.1		Containers used to store refined lubricating oils	6.6.8	
Locomotives, airplanes, and watercraft used to transport passengers or freight	4.4		Unvented pressure vessels used exclusively to store liquified gases or assoc with exempt equipment	6.6.9 or 6.13	
Natural gas or LPG-fired boilers or other indirect heat transfer units of 5 MMBtu/hr or less	6.1.1		Portable tanks used exclusively to store produced fluids for ≤ six months	6.6.10	
Piston-type i.c.engine with maximum continuous rating of 50 braking horsepower (bhp) or less	6.1.2		Mobile transport tanks on delivery vehicles of VOCs	6.6.11	
Gas turbine engines with maximum heat input rating of 3 MMBtu/hr or less	6.1.3		Loading racks used for the transfer of less than 4,000 gal/day of unheated organic material with initial boiling point ≥ 302 F or of fuel oil with specific gravity ≥0.8251	6.7.1.1	
Space heating equipment other than boilers	6.1.4		Loading racks used for the transfer of asphalt, crude or residual oil stored in exempt tanks, or crude oil with specific gravity ≥ 0.8762	6.7.1.2	
Cooling towers with a circulation rate less than 10,000 gal/min, and that are not used for cooling of process water, or water from barometric jets or condensers + +	6.2		Equipment used exclusively for the transfer of refined lubricating oil	6.7.2	
Use of less than 2 gal/day of graphic arts materials	6.3		Equipment used to apply architectural coatings	6.8.1	
Equipment at retail establishments used to prepare food for human consumption	6.4.1		Unheated, non-conveyorized cleaning equipment with < 10 ft ² open area; using solvents with initial boiling point ≥ 248 F; and < 25 gal/yr. evaporative losses	6.9	
Ovens at bakeries with total daily production less than 1,000 pounds and exempt by sec. 6.1.1	6.4.3		Brazing, soldering, or welding equipment	6.10	
Equipment used exclusively for extruding or compression molding of rubber or plastics, where no plastisizer or blowing agent is used	6.5		Equipment used to compress natural gas	6.11	
Containers used to store clean produced water	6.6.1		Fugitive emissions sources assoc. with exempt equipment	6.12	
Containers ≤100 bbl used to store oil with specific gravity ≥ 0.8762	6.6.2		Pits and Ponds as defined in Rule 1020	6.15	
Containers ≤ 100 bbl installed prior to 6/1/89 used to store oil with specific gravity ≥ 0.8762	6.6.3		On-site roadmix manufacturing and the application of roadmix as a road base material	6.17	
Containers with a capacity ≤ 250 gallons used to store org-anic material where the actual storage temperature <150 F	6.6.4		Emissions less than 2 lb/day from units not included above	6.19	
Containers used to store unheated organic material with an initial boiling point ≥ 302 F	6.6.5		Venting PUC quality natural gas from for sole purpose of pipeline and compressor repair and or maintenance	7.2	
Containers used to store fuel oils or non-air-blown asphalt with specific gravity ≥0.9042	6.6.6		Non-structural repairs & maintenance to permitted equipment	7.3	
Containers used to store petroleum distillates used as motor fuel with specific gravity ≥ 0.8251	6.6.7		Detonation of explosives ≤ 100 lb/day and 1,000 lb/year	7.4	

No insignificant activities (Check this box if no equipment in the above categories exist at your facility.)

Attachment C

SJVUAPCD Permits



Permit to Operate

FACILITY: C-7843

EXPIRATION DATE: 08/31/2016

LEGAL OWNER OR OPERATOR:
MAILING ADDRESS:

WM BOLTHOUSE FARMS INC-MOUREN-N COALINGA
7200 E BRUNDAGE LN
BAKERSFIELD, CA 93307

FACILITY LOCATION:

S-15, T-20S, R-15E
N COALINGA, CA

FACILITY DESCRIPTION:

AGRICULTURAL CROP PRODUCTION

The Facility's Permit to Operate may include Facility-wide Requirements as well as requirements that apply to specific permit units.

This Permit to Operate remains valid through the permit expiration date listed above, subject to payment of annual permit fees and compliance with permit conditions and all applicable local, state, and federal regulations. This permit is valid only at the location specified above, and becomes void upon any transfer of ownership or location. Any modification of the equipment or operation, as defined in District Rule 2201, will require prior District approval. This permit shall be posted as prescribed in District Rule 2010.

Seyed Sadredin
Executive Director / APCO

David Warner
Director of Permit Services

San Joaquin Valley Air Pollution Control District

FACILITY: C-7843-0-0

EXPIRATION DATE: 08/31/2016

FACILITY-WIDE 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]
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]
3. This engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4702]
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. 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]
7. 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]

These terms and conditions are part of the Facility-wide Permit to Operate. Any amendments to these Facility-wide Requirements that affect specific Permit Units may constitute modification of those Permit Units.

Facility Name: WM BOLTHOUSE FARMS INC-MOUREN-N COALINGA

Location: S-15, T-20S, R-15E,N COALINGA, CA

C-7843-0-0 : Apr 25 2012 9:01AM - SIONGCOJ

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-7843-1-0

EXPIRATION DATE: 08/31/2016

EQUIPMENT DESCRIPTION:

275 BHP JOHN DEERE MODEL 6081H SERIAL #RG6081H241002 TIER 2 DIESEL-FIRED IC ENGINE POWERING AN AGRICULTURAL IRRIGATION WELL PUMP (ENG #281)

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]
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]
3. This engine shall be replaced with an electric motor by January 1, 2012. [District Rule 2201]
4. This engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4702]
5. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
7. 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]
8. 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]
9. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 17 CCR 93115]
10. Operation of this engine shall not exceed 6,300 hours per year. [District Rule 2201]
11. Emissions from this IC engine shall not exceed any of the following limits: 4.18 g-NOx/bhp-hr, 0.60 g-CO/bhp-hr, or 0.37 g-VOC/bhp-hr. [District Rule 2201 and 13 CCR 2423 and 17 CCR 93115]
12. Emissions from this IC engine shall not exceed 0.11 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102 and 13 CCR 2423 and 17 CCR 93115]
13. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115]
14. The engine shall always operate at least 1,250 yards away from the nearest receptor. [District Rule 4102]
15. 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]
16. 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]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

17. The permittee 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]
18. The permittee shall record the total time the engine operates, in hours per calendar year. [District Rule 2201]
19. 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 Rule 4702 and 17 CCR 93115]
20. This certified Tier 1 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]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-7843-2-0

EXPIRATION DATE: 08/31/2016

EQUIPMENT DESCRIPTION:

TRANSPORTABLE 60 BHP PERKINS MODEL 1104C-44 SERIAL #U311031 TIER 2 DIESEL-FIRED IC ENGINE
POWERING AN AGRICULTURAL IRRIGATION BOOSTER PUMP (ENG #293)

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]
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]
3. Owner/operator may operate this permit unit at any of the following facilities: C-7842, C-7837, C-6982 and S-7633. [District Rule 2010]
4. This engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4702]
5. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
7. 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 I or 20% opacity. [District Rule 4101]
8. The engine shall always operate at least 880 yards away from the nearest receptor. [District Rule 4102]
9. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 17 CCR 93115]
10. 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]
11. Operation of this engine shall not exceed 6,380 hours per year. [District Rule 2201]
12. Emissions from this IC engine shall not exceed any of the following limits: 4.78 g-NOx/bhp-hr, 0.67 g-CO/bhp-hr, or 0.37 g-VOC/bhp-hr. [District Rule 2201 and 13 CCR 2423 and 17 CCR 93115]
13. Emissions from this IC engine shall not exceed 0.127 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102 and 13 CCR 2423 and 17 CCR 93115]
14. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115]
15. 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]
16. This engine shall be operated at one location or site at a facility for no more than 12 consecutive months, or if at a seasonal source, the engine shall not be operated at one location or site at a facility for more than the duration of the season. [District Rules 2201 and 4701]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

17. 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]
18. The permittee 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]
19. The permittee shall record the total time the engine operates, in hours per calendar year. [District Rule 2201]
20. 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 Rule 4702 and 17 CCR 93115]
21. 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]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-7843-3-0

EXPIRATION DATE: 08/31/2016

EQUIPMENT DESCRIPTION:

510 BHP CUMMINS MODEL QSX15 SERIAL #79002570 TIER 2 DIESEL-FIRED IC ENGINE POWERING AN AGRICULTURAL PUMP (ENG 229/322)

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]
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]
3. This engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4702]
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. 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]
7. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702]
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]
9. Operation of this engine shall not exceed 6,500 hours per year. [District Rule 4702]
10. The permittee shall record the total time the engine operates, in hours per calendar year. [District Rule 4702]
11. 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]
12. 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]
13. 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 Rule 4702]
14. 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]

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