



AUG 28 2014

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

**Re: Notice of Minor Title V Permit Modification**  
**District Facility # S-6331**  
**Project # S-1143066**

Dear Mr. Filkins:

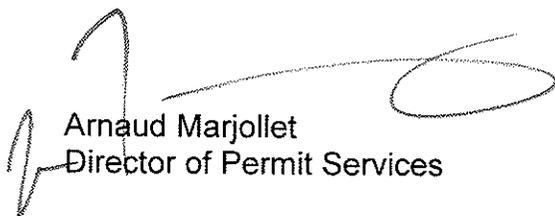
Enclosed is the District's analysis of your application for minor Title V permit modification for the facility identified above. You proposed a Title V minor permit modification to incorporate recently issued S-6331-9-0 into the Title V operating permit. The facility is proposing to install a 185 bhp John Deere model 6068H Tier 4 interim certified diesel-fired IC engine powering an agricultural irrigation pump to replace permit S-6331-2-1.

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V permit, recently issued S-6331-9-0, emission increases, application, and previous Title V permit. This project will be subject to a 45-day EPA commenting period prior to the District taking final action.

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

Thank you for your cooperation in this matter.

Sincerely,



Arnaud Marjollet  
Director of Permit Services

Enclosures

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

Seyed Sadredin  
Executive Director/Air Pollution Control Officer

---

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

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

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

# TITLE V APPLICATION REVIEW

Minor Modification  
Project #: S-1143066

Engineer: Gurpreet Brar  
Date: August 26, 2014

Facility Number: S-6331  
Facility Name: Wm Bolthouse Farms Inc.  
Mailing Address: 7200 East Brundage Lane  
Bakersfield, CA 93307

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

Responsible Official: Darren Filkins  
Title: Vice President of Agriculture

---

## I. PROPOSAL

Wm Bolthouse Farms Inc. is proposing a Title V minor permit modification to incorporate the recently issued Authority to Construct S-6331-9-0 into the Title V operating permit. The facility is proposing to install a 185 bhp John Deere model 6068H Tier 4 interim certified diesel-fired IC engine powering an agricultural irrigation pump to replace permit S-6331-2-1.

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

## II. FACILITY LOCATION

The equipment will be located within the SW/4 of Section 12, 13, 17, 18 and 20, Township 30S, Range 28E.

### **III. EQUIPMENT DESCRIPTION**

**S-6331-9-1:** 185 BHP (INTERMITTENT) JOHN DEERE MODEL 6068H  
SERIAL NO. PE6068R000596 TIER 4 INTERIM CERTIFIED  
DIESEL-FIRED IC ENGINE POWERING AN AGRICULTURAL  
IRRIGATION PUMP (ENG00392)

### **IV. SCOPE OF EPA AND PUBLIC REVIEW**

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

### **V. APPLICABLE REQUIREMENTS**

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

### **VI. DESCRIPTION OF PROPOSED MODIFICATIONS**

Wm. Bolthouse Farms Inc. is proposing to install a 185 bhp John Deere model 6068H Tier 4 certified diesel-fired IC engine powering an agricultural irrigation pump to replace permit S-6331-9-0.

S-6331-9-1:

Permit conditions 1 and 2 on the Authority to Construct were pre-construction conditions that had been complied with and were not included with the requirements on the proposed Permit to Operate.

Permit condition 3 on the Authority to Construct was subsumed by condition 40 on the Facility-Wide Permit, S-6331-0-0, and was not included with the requirements on the proposed Permit to Operate.

Permit condition 4 on the Authority to Construct was included as condition 1 on the proposed Permit to Operate.

Permit condition 5 on the Authority to Construct was subsumed by condition 22 on the Facility-Wide Permit, S-6331-0-0, and was not included with the requirements on the proposed Permit to Operate.

Permit conditions 6 through 15 on the Authority to Construct were included as conditions 2 through 11 on the proposed Permit to Operate.

## VII. COMPLIANCE

In accordance with Rule 2520, 3.20, these modifications:

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

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

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

## **VIII. ATTACHMENTS**

- A. Proposed Modified Title V Operating Permit No. S-6331-9-1
- B. Authority to Construct No. S-6331-9-0
- C. Emissions Increases
- D. Application

# ATTACHMENT A

Proposed Modified Title V Operating Permit No.  
(S-6331-9-1)

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-6331-9-1

**EXPIRATION DATE:** 12/31/2013

**EQUIPMENT DESCRIPTION:**

185 BHP (INTERMITTENT) JOHN DEERE MODEL 6068H SERIAL NO. PE6068R000596 TIER 4 INTERIM CERTIFIED DIESEL-FIRED IC ENGINE POWERING AN AGRICULTURAL IRRIGATION PUMP (ENG00392)

## PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. This IC engine shall only be used for the growing of crops or raising of fowl or animals. [District Rules 4701 and 4702, and 17 CCR 93115] Federally Enforceable Through Title V Permit
3. This engine shall be 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 and 17 CCR 93115] Federally Enforceable Through Title V Permit
4. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702] Federally Enforceable Through Title V Permit
5. This engine shall be equipped with a non-resettable hour meter with a minimum display capability of 9,999 hours, unless the District determines that a non-resettable hour meter with a different minimum display capability is appropriate in consideration of the historical use of the engine and the owner or operator's compliance history. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
6. 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] Federally Enforceable Through Title V Permit
7. Emissions from this IC engine shall not exceed any of the following limits: 2.54 g-NOx/bhp-hr, 0.45 g-CO/bhp-hr, or 0.224 g-VOC/bhp-hr. [District Rules 2201 and 4702, and 17 CCR 93115] Federally Enforceable Through Title V Permit
8. Emissions from this IC engine shall not exceed 0.082 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, and 17 CCR 93115] 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 owner/operator shall maintain an engine operating log to demonstrate compliance. The engine operating log shall include, on a monthly basis, the following information: total hours of operation, type of fuel used, maintenance or modifications performed, monitoring data, and any other information necessary to demonstrate compliance. [District Rule 4702] Federally Enforceable Through Title V Permit
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 Rules 2201 and 4702] Federally Enforceable Through Title V Permit

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

# ATTACHMENT B

Authority to Construct No.  
(S-6331-9-0)



## AUTHORITY TO CONSTRUCT

**PERMIT NO:** S-6331-9-0

**ISSUANCE DATE:** 08/06/2014

**LEGAL OWNER OR OPERATOR:** WM. BOLTHOUSE FARMS INC

**MAILING ADDRESS:** ATTN: CHARLES DANIELS  
7200 E. BRUNDAGE LANE  
BAKERSFIELD, CA 93307

**LOCATION:** R-28 E, TS-30-S, SEC'S 12, 13, 17, 18 & 20  
BAKERSFIELD, CA 93307

**EQUIPMENT DESCRIPTION:**

185 BHP (INTERMITTENT) JOHN DEERE MODEL 6068H SERIAL NO. PE6068R000596 TIER 4 INTERIM CERTIFIED DIESEL-FIRED IC ENGINE POWERING AN AGRICULTURAL IRRIGATION PUMP (ENG00392) (REPLACEMENT FOR PERMIT UNIT S-6331-2-1)

## CONDITIONS

1. The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. Within 90 days after startup of the equipment authorized by this Authority to Construct, Permit to Operate S-6331-2-1 shall be surrendered to the District and the associated equipment shall be removed or rendered inoperable. [District Rule 2201]
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
5. 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]
6. This IC engine shall only be used for the growing of crops or raising of fowl or animals. [District Rules 4701 and 4702, and 17 CCR 93115]
7. This engine shall be 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 and 17 CCR 93115]

CONDITIONS CONTINUE ON NEXT PAGE

**YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (661) 392-5500 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT.** This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

Arnaud Marjollet, Director of Permit Services

S-6331-9-0 Aug 6 2014 3:39PM - KEASTMD Joint Inspection NOT Required

8. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]
9. This engine shall be equipped with a non-resettable hour meter with a minimum display capability of 9,999 hours, unless the District determines that a non-resettable hour meter with a different minimum display capability is appropriate in consideration of the historical use of the engine and the owner or operator's compliance history. [District Rule 4702 and 17 CCR 93115]
10. 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]
11. Emissions from this IC engine shall not exceed any of the following limits: 2.54 g-NO<sub>x</sub>/bhp-hr, 0.45 g-CO/bhp-hr, or 0.224 g-VOC/bhp-hr. [District Rules 2201 and 4702, and 17 CCR 93115]
12. Emissions from this IC engine shall not exceed 0.082 g-PM<sub>10</sub>/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, and 17 CCR 93115]
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]
14. The owner/operator shall maintain an engine operating log to demonstrate compliance. The engine operating log shall include, on a monthly basis, the following information: total hours of operation, type of fuel used, maintenance or modifications performed, monitoring data, and any other information necessary to demonstrate compliance. [District Rule 4702]
15. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 2201 and 4702]

# ATTACHMENT C

Emissions Increases

	<b>SSIPE (lb/yr)</b>				
	NOx	SOx	PM10	CO	VOC
SSPE1	102,219	4,772	4,593	71,004	10,692
SSPE2	86,656	4,772	3,458	42,268	7,922
<b>TOTAL</b>	-15,563	0	-1,135	-28,736	-2,770

# ATTACHMENT D

Application



# San Joaquin Valley Air Pollution Control District

www.valleyair.org

**RECEIVED**  
HEALTHY AIR LIVING

JUL 03 2014

## Permit Application For:

Permits Services

SJVAPCD

ADMINISTRATIVE AMENDMENT

MINOR MODIFICATION

SIGNIFICANT MODIFICATION

1. PERMIT TO BE ISSUED TO: Wm. Bolthouse Farms, Inc.	
2. MAILING ADDRESS: STREET/P.O. BOX: 7200 E. Brundage Lane CITY: Bakersfield STATE: CA 9-DIGIT ZIP CODE: 93307-3016	
3. LOCATION WHERE THE EQUIPMENT WILL BE OPERATED: STREET: _____ CITY: _____ 12, 13, 17, 18 1/4 SECTION & 20 TOWNSHIP 30-S RANGE 28-E	INSTALLATION DATE: To Be Determined
4. GENERAL NATURE OF BUSINESS: Agriculture	
5. DESCRIPTION OF EQUIPMENT OR MODIFICATION FOR WHICH APPLICATION IS MADE (include Permit #'s if known, and use additional sheets if necessary) Per Condition 10 of Permit No. <del>C</del> <sup>NE S</sup> -6331-2-1, this application is being submitted to replace Engine 00075 with an engine that is in compliance with SJV APCD Rule 4702.  Wm. Bolthouse Farms, Inc. (Bolthouse) will be replacing ENG00075 (Permit No. <del>C</del> <sup>NE S</sup> -6331-2-1) with a 185 hp Tier 4 Interim John Deere Model 6068H diesel internal combustion engine (Bolthouse Eng 00392). The Tier 4 Interim engine that will be installed has been operating under a District TREU permit: C-6982-31-0. Since the circumstances surrounding this engine replacement do not satisfy the criteria of a TREU replacement, Bolthouse is implementing this permit action as a permanent replacement and a Significant Title V Modification.	
6. TYPE OR PRINT NAME OF APPLICANT: Darren Filkins	TITLE OF APPLICANT: Vice President of Agriculture
7. SIGNATURE OF APPLICANT: <i>Darren Filkins</i>	DATE: 07/01/14 PHONE: (661) 366-7205 FAX: ( ) EMAIL: dfilkins@bolthouse.com

### For APCD Use Only:

DATE STAMP	FILING FEE RECEIVED: \$ _____ CHECK#: _____
	DATE PAID: _____
PROJECT NO: <u>S-1143066</u>	FACILITY ID: <u>S-6331</u>



**San Joaquin Valley  
Unified Air Pollution Control District**



**TITLE V MODIFICATION - COMPLIANCE CERTIFICATION FORM**

**I. TYPE OF PERMIT ACTION (Check appropriate box)**

- SIGNIFICANT PERMIT MODIFICATION                       ADMINISTRATIVE AMENDMENT  
 MINOR PERMIT MODIFICATION

COMPANY NAME: Wm Bolthouse Farms, Inc.	FACILITY ID: S-6331
1. Type of Organization: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Sole Ownership <input type="checkbox"/> Government <input type="checkbox"/> Partnership <input type="checkbox"/> Utility	
2. Owner's Name: William Bolthouse Farms	
3. Agent to the Owner: Darren Filkins	

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

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

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

*Darren Filkins*  
 \_\_\_\_\_  
 Signature of Responsible Official

07/01/14  
 \_\_\_\_\_  
 Date

Darren Filkins  
 \_\_\_\_\_  
 Name of Responsible Official (please print)

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