



JUL 31 2017

Mr. Dennis Tristao  
J G Boswell Company Oil Mill  
PO BOX 457  
Corcoran, CA 93212

**Re: Notice of Final Action - Title V Permit Renewal  
District Facility # C-1555  
Project # C-1160094**

Dear Mr. Tristao:

The District has issued the Final Renewed Title V Permit for J G Boswell Company Oil Mill (see enclosure). The preliminary decision for this project was made on May 25, 2017. A summary of the comments and the District's response to each comment is included as an attachment to the engineering evaluation.

The public notice for issuance of the Final Title V Permit will be published approximately three days from the date of this letter.

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

Sincerely,



Arnaud Marjollet  
Director of Permit Services

Enclosures

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

**Seyed Sadredin**  
Executive Director/Air Pollution Control Officer

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**SAN JOAQUIN VALLEY  
AIR POLLUTION CONTROL DISTRICT**

**Final Title V Permit Renewal Evaluation  
J. G. BOSWELL COMPANY OIL MILL  
C-1555**

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**TITLE V PERMIT RENEWAL EVALUATION**  
**Vegetable Oil Refining Operation**

**Engineer:** Manuel Salinas  
**Date:** May 9, 2017

**Facility Number:** C-1555  
**Facility Name:** J. G. Boswell Company Oil Mill  
**Mailing Address:** PO BOX 457  
Corcoran, CA 93212

**Contact Name:** Dennis Tristao  
**Phone:** (559) 992-2141 ext. 3259

**Responsible Official:** Dennis Tristao  
**Title:** Environmental Compliance Manager

**Project # :** C-1160094  
**Deemed Complete:** January 20, 2016

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**I. PROPOSAL**

J. G. Boswell Company Oil Mill was issued its renewed Title V permit on November 30, 2011. As required by District Rule 2520, the applicant is requesting a permit renewal. The existing Title V permit shall be reviewed and modified to reflect all applicable District and federal rules updated, removed, or added since the issuance of the initial Title V permit.

The purpose of this evaluation is to provide the legal and factual basis for all updated applicable requirements and to determine if the facility will comply with these updated requirements. It also specifically identifies all additions, deletions, and/or changes made to permit conditions or equipment descriptions.

**II. FACILITY LOCATION**

J. G. Boswell Company Oil Mill is located at 710 Bainum Ave in Corcoran, CA.

### III. EQUIPMENT LISTING

A detailed facility printout listing all permitted equipment at the facility is included as Attachment C.

### IV. GENERAL PERMIT TEMPLATE USAGE

The applicant does not propose to use any model general permit templates.

### V. SCOPE OF EPA AND PUBLIC REVIEW

The applicant is not requesting any model general permit templates. Therefore, all federally enforceable conditions in this current Title V permit will be subject to EPA and public review.

### VI. FEDERALLY ENFORCEABLE REQUIREMENTS

#### A. Rules Updated or Evaluated

- District Rule 2020, Exemptions (amended December 20, 2007 ⇒ amended December 18, 2014)
- District Rule 2201, New and Modified Stationary Source Review Rule (amended December 18, 2008 ⇒ amended February 18, 2016)
- District Rule 2520, Federally Mandated Operating Permits (amended June 21, 2001)
- 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners (amended June 18, 2008 ⇒ amended June 25, 2013)
- 40 CFR Part 82, Subpart F, Recycling and Emission Reduction (amended June 18, 2008 ⇒ amended April 10, 2015)
- 40 CFR Part 64, Compliance Assurance Monitoring (amended November 21, 1997)

#### B. Rules Removed

There are no applicable rules that were removed since the last Title V renewal.

**C. Rules Added**

- District Rule 2410, Prevention of Significant Deterioration (Adopted June 16, 2011)

**D. Rules Not Updated**

- District Rule 1070, Inspections (amended December 17, 1992)
- District Rule 1081, Source Sampling (amended December 16, 1993)
- District Rule 1100, Equipment Breakdown (amended December 17, 1992)
- District Rule 2010, Permits Required (amended December 17, 1992)
- 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 4101, Visible Emissions (amended February 17, 2005)
- District Rule 4201, Particulate Matter Concentration (amended December 17, 1992)
- District Rule 4202, Particulate Matter – Emission Rate (amended December 17, 1992)
- District Rule 4301, Fuel Burning Equipment (amended December 17, 1992)
- District Rule 4305, Boilers, Steam Generators, and Process Heaters – Phase 2 (amended August 21, 2003)
- District Rule 4306, Boilers, Steam Generators, and Process Heaters – Phase 3 (amended October 16, 2008)
- District Rule 4320, Advanced Emission Reduction Option of Boilers, Steam Generators, and Process Heaters Greater Than 5.0 MMBtu/hr (adopted October 16, 2008)

- District Rule 4601, Architectural Coatings (amended December 17, 2009)
- District Rule 4623, Storage of Organic Liquids (amended May 19, 2005)
- District Rule 4691, Vegetable Oil Processing Operations (amended December 17, 1992)
- District Rule 8011, Fugitive Dust General Requirements (amended August 19, 2004)
- District Rule 8021, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Construction, Demolition, Excavation, and Extraction Activities (amended August 19, 2004)
- District Rule 8031, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Handling and Storage of Bulk Materials (amended August 19, 2004)
- District Rule 8041, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Carryout and Trackout (amended August 19, 2004)
- District Rule 8051, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Open Areas (amended August 19, 2004)
- District Rule 8061, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Paved and Unpaved Roads (amended August 19, 2004)
- District Rule 8071, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Unpaved Vehicle/Equipment Areas (amended September 16, 2004)
- 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos (amended July 20, 2004)
- 40 CFR Part 68, Chemical Accident Prevention Provisions (amended June 20, 1996)
- 40 CFR Part 63, Subpart GGGG, Solvent Extraction for Vegetable Oil Production (amended April 20, 2006)

## VII. 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."

For this facility, the following are not federally enforceable and will not be discussed in further detail:

### A. Rules Added/Updated

None

### B. Rules Not Updated

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

Condition 3 of the facility wide requirements (C-1555-0-4) is based on District Rule 1160 and will therefore not be discussed any further.

- District Rule 4102, Nuisance (as amended December 17, 1992)

Condition 41 of the facility wide requirements (C-1555-0-4) is based on District Rule 4102 and will therefore not be discussed any further.

## VIII. PERMIT REQUIREMENTS

The purpose of this evaluation is to review changes to federally enforceable requirements; therefore, this compliance section will only address rules that have been amended or added since the issuance of the initial Title V permit or most recent renewal of the Title V permit.

### A. 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 amendments to this rule do not have any effect on current permit requirements and will therefore not be addressed in this evaluation.

**B. District Rule 2201 - New and Modified Stationary Source Review Rule**

District Rule 2201 has been amended since this facility's last Title V permit renewal was issued. However, the requirements of this rule are only triggered at the time the source undergoes a modification. All applicable requirements from any NSR permit actions have already been incorporated into the current Title V permit.

**C. District Rule 2410 - Prevention of Significant Deterioration**

District Rule 2410 has been newly adopted since this Title V permit was last renewed. However the requirements of this rule are only triggered at the time the source undergoes a modification. This source has never been subject to this rule, therefore there are no PSD permit applicable requirements to include in the Title V permit.

**D. District Rule 2520 - Federally Mandated Operating Permits**

No changes to this rule have occurred since issuance of the previous TV permit; however, greenhouse gas emissions will be addressed under Rule 2520 during this renewal.

Greenhouse Gas Discussion

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

**E. 40 CFR Part 82, Subpart B - Servicing of Motor Vehicle Air Conditioners**

There are requirements from Title VI of the CAA (Stratospheric Ozone) that are applicable 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).

The amendments to this subpart did not have any effect on existing permit requirements.

Condition 28 of the requirements for permit unit C-1555-0-4 is a mechanism to ensure compliance with the requirements of this subpart.



**F. 40 CFR Part 82, Subpart F - Recycling and Emissions Reduction**

There are requirements from Title VI of the CAA (Stratospheric Ozone) that are applicable 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).

The amendments to this subpart did not have any effect on existing permit requirements.

Condition 27 of the requirements for permit unit C-1555-0-4 is a mechanism to ensure compliance with the requirements of this subpart.

**G. 40 CFR Part 64 - Compliance Assurance Monitoring (CAM)**

40 CFR Part 64 requires Compliance Assurance Monitoring 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.

<b>Pollutant</b>	<b>Major Source Threshold (lb/year)</b>
NO <sub>x</sub>	20,000
SO <sub>x</sub>	140,000
PM <sub>10</sub>	140,000
CO	200,000
VOC	20,000

a. C-1555-2 – Decortication Operation

- 1) This unit contains an emission limit for PM<sub>10</sub>.
- 2) This unit is served by nine cyclones vented to a rotary drum filter to control PM<sub>10</sub> emissions.
- 3) The decortication operation is equipped with multi-cyclones for PM<sub>10</sub> control. The control efficiency for multi-cyclones is 80% as reported in Air Pollution Control Technology Fact Sheet, EPA-452/F-03-005.

**Pre-Control Annual PE:**

The permitted emission factor and throughput limit is used to calculate the following:

$$\begin{aligned} \text{PE} &= [\text{EF (lb/ton)} \times \text{throughput (tons/day)} \times 365 \text{ days/year}] / (1 - \text{control efficiency of cyclones}) \\ &= [(0.0074 \text{ lb-PM}_{10}\text{/ton}) \times (1,400 \text{ tons/day}) \times (365 \text{ days/year})] / (1 - 0.80) \\ &= \mathbf{18,907 \text{ lb-PM}_{10}\text{/year}} \end{aligned}$$

Since 18,907 lb-PM<sub>10</sub>/year < 140,000 lb-PM<sub>10</sub>/year (Major Source threshold for PM<sub>10</sub>), this unit is not subject to CAM for PM<sub>10</sub> emissions.

b. C-1555-3 – Lint Removal Process

- 1) This unit does not contain any emission limits for NO<sub>x</sub>, SO<sub>x</sub>, PM<sub>10</sub>, CO, and VOC. Therefore, this unit is not subject to CAM.

c. C-1555-6 – Meal Handling Plant

- 1) This unit contains an emission limit for PM<sub>10</sub>.
- 2) This unit is served by twelve cyclones and two baghouses to control PM<sub>10</sub> emissions.
- 3) The meal handling plant is equipped with multi-cyclones and baghouses for PM<sub>10</sub> control. The control efficiency for the 2D-2D multi-cyclones is 50% as determined in previous project C-970697.

**Pre-Control Annual PE:**

The permitted emission factor, which is based on a pellet cooler with cyclones only, and throughput limit is used to calculate the following:

$$\begin{aligned} \text{PE} &= [\text{EF (lb/ton)} \times \text{throughput (tons/day)} \times 365 \text{ days/year}] / (1 - \text{control efficiency of cyclones}) \\ &= [(33.6 \text{ lb-PM}_{10}\text{/ton}) \times (1,400 \text{ tons/day}) \times (365 \text{ days/year})] / (1 - 0.50) \\ &= \mathbf{24,528 \text{ lb-PM}_{10}\text{/year}} \end{aligned}$$

Since 24,528 lb-PM<sub>10</sub>/year < 140,000 lb-PM<sub>10</sub>/year (Major Source threshold for PM<sub>10</sub>), this unit is not subject to CAM for PM<sub>10</sub> emissions.

d. C-1555-7 – Preparation Process Unit

- 1) This unit contains an emission limit for PM<sub>10</sub>.
- 2) This unit is served by three cyclones and two bag dumping units served by a filter to control PM<sub>10</sub> emissions.
- 3) The preparation process unit is equipped with multi-cyclones and baghouse for PM<sub>10</sub> control. The control efficiency of the baghouse filter is based on a minimum of 99%. The control efficiency for multi-cyclones is 80% as reported in Air Pollution Control Technology Fact Sheet, EPA-452/F-03-005.

**Pre-Control Annual PE:**

The permitted emission factors and throughput limits are used to calculate the following:

Preparation Process Unit:

$$\begin{aligned} PE &= [EF \text{ (lb/day)} \times 365 \text{ days/year}] / (1 - \text{control efficiency of cyclones}) \\ &= [(1.2 \text{ lb-PM}_{10}\text{/day}) \times (365 \text{ days/year})] / (1 - 0.80) \\ &= \mathbf{2,190 \text{ lb-PM}_{10}\text{/year}} \end{aligned}$$

Bag dumping Units

$$\begin{aligned} PE &= [EF \text{ (lb/day)} \times 365 \text{ days/year}] / (1 - \text{control efficiency of baghouse}) \\ &= [(0.04 \text{ lb-PM}_{10}\text{/day}) \times (365 \text{ days/year})] / (1 - 0.99) \\ &= \mathbf{1,460 \text{ lb-PM}_{10}\text{/year}} \end{aligned}$$

Total PM<sub>10</sub> Emissions:

$$\begin{aligned} PE &= \text{Preparation Process Unit} + \text{Bag Dumping Units} \\ &= 2,190 \text{ lb-PM}_{10}\text{/year} + 1,460 \text{ lb-PM}_{10}\text{/year} \\ &= \mathbf{3,650 \text{ lb-PM}_{10}\text{/year}} \end{aligned}$$

Since 3,650 lb-PM<sub>10</sub>/year < 140,000 lb-PM<sub>10</sub>/year (Major Source threshold for PM<sub>10</sub>), this unit is not subject to CAM for PM<sub>10</sub> emissions.

e. C-1555-8 – Vegetable Oil Solvent Plant

- 1) This unit contains emission limits for PM<sub>10</sub> and VOC.
- 2) The mineral oil scrubber is an integral part of the vegetable oil refining process. Processing vegetable oil with the solvent extraction plant cannot occur without the mineral oil scrubber in operation. There are no add-on controls for VOC emissions. Therefore, this unit is not subject to CAM for VOC emissions.
- 3) The vegetable oil solvent plant is equipped with multi-cyclones and a bag dumping unit served by a MAC filter unit for PM<sub>10</sub> control. The

control efficiency for the 2D-2D multi-cyclones is 50% as determined in previous project C-970697. The control efficiency of the baghouse filter is based on a minimum of 99% which is greater control.

**Pre-Control Annual PE:**

The permitted emission factors and throughput limits are used to calculate the following:

$$\begin{aligned} \text{PE} &= [\text{EF}_{\text{pre-control}} (\text{lb/day}) \times 365 \text{ days/year}] / (1 - \text{control efficiency of baghouse}) \\ &= [(0.02 \text{ lb-PM}_{10}/\text{day}) \times (365 \text{ days/year})] / (1 - 0.99) \\ &= \mathbf{730 \text{ lb-PM}_{10}/\text{year}} \end{aligned}$$

Since 730 lb-PM<sub>10</sub>/year < 140,000 lb-PM<sub>10</sub>/year (Major Source threshold for PM<sub>10</sub>), this unit is not subject to CAM for PM<sub>10</sub> emissions.

f. C-1555-11 – 34.8 MMBtu/hr Boiler

- 1) This unit contains emission limits for NO<sub>x</sub>, SO<sub>x</sub>, PM<sub>10</sub>, CO, and VOC.
- 2) This unit is served by a selective catalytic reduction (SCR) system to control NO<sub>x</sub> emissions. There are no add-on controls for SO<sub>x</sub>, PM<sub>10</sub>, CO, or VOC emissions. Therefore, this unit is not subject to CAM for SO<sub>x</sub>, PM<sub>10</sub>, CO, or VOC emissions.
- 3) The boiler is equipped with a low NO<sub>x</sub> burner, which is an integral control, and employs SCR as an add-on control. Since the low NO<sub>x</sub> burner is integral, the uncontrolled potential emissions from the boiler will be based on the emissions from a natural gas-fired boiler with a low NO<sub>x</sub> burner. Pursuant to the District's staff report for Rule 4306, 9/18/03, low NO<sub>x</sub> burners have an emission factor of 30 ppm @ 15% O<sub>2</sub> (equivalent to 0.036 lb/MMBtu).

**Pre-Control Annual PE:**

$$\begin{aligned} \text{PE} &= \text{EF} (\text{lb/MMBtu}) \times \text{Heat Input} (\text{MMBtu/hr}) \times 8,760 \text{ hr/year} \\ &= (0.036 \text{ lb-NO}_x/\text{MMBtu}) \times (34.8 \text{ MMBtu/hr}) \times (8,760 \text{ hr/year}) \\ &= \mathbf{10,975 \text{ lb-NO}_x/\text{year}} \end{aligned}$$

Since 10,975 lb-NO<sub>x</sub>/year < 20,000 lb-NO<sub>x</sub>/year (Major Source threshold for NO<sub>x</sub>), this unit is not subject to CAM for NO<sub>x</sub> emissions.

## **IX. 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 does not propose to use any model general permit templates.

### **B. Requirements not Addressed by Model General Permit Templates**

The applicant is not requesting any permit shield.

## **X. CALIFORNIA ENVIRONMENTAL QUALITY ACT**

The purpose of the Title V permit renewal is to update the permit to ensure that any changes to regulations since the issuance of the initial Title V permit or most recent renewal of the Title V permit are incorporated as permit requirements.

Per the California Environmental Quality Act (CEQA) Statute §21080.24, and CEQA Guidelines §15281, the issuance, modification, amendment, or renewal of any permit by an air pollution control district or air quality management district pursuant to Title V is exempt from CEQA, unless the issuance, modification, amendment, or renewal authorizes a physical or operational change to a source or facility. There will be no physical or operational change to the source or facility nor will the Title V permit renewal authorize a physical or operational change to the source or facility. Therefore, this project, a Title V permit renewal, is subject to a ministerial action that is exempt from CEQA.

## **XI. PERMIT CONDITIONS**

See Attachment A - Renewed Title V Operating Permit.

## **ATTACHMENTS**

- A. Renewed Title V Operating Permit
- B. Previous Title V Operating Permit
- C. Detailed Summary List of Facility Permits
- D. Facility Comments and District Responses

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# ATTACHMENT A

Renewed Title V Operating Permit

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# Permit to Operate

**FACILITY:** C-1555

**EXPIRATION DATE:** 11/30/2021

**LEGAL OWNER OR OPERATOR:**

J G BOSWELL COMPANY OIL MILL

**MAILING ADDRESS:**

PO BOX 457  
CORCORAN, CA 93212

**FACILITY LOCATION:**

710 BAINUM AVE  
CORCORAN, CA 93212

**FACILITY DESCRIPTION:**

AGRICULTURAL PRODUCTS PROCESSING

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

**Arnaud Marjollet**  
Director of Permit Services

# San Joaquin Valley Air Pollution Control District

FACILITY: C-1555-0-4

EXPIRATION DATE: 11/30/2021

## FACILITY-WIDE REQUIREMENTS

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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 Kings County Rule 111] 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 Kings County Rule 111] Federally Enforceable Through Title V Permit
3. 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. 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 (8/18/11). [District Rules 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
5. 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, 9.8.1 and 9.13.1] Federally Enforceable Through Title V Permit
6. 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. 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. 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. 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: J G BOSWELL COMPANY OIL MILL  
Location: 710 BAINUM AVE, CORCORAN, CA 93212  
C-1555-0-4 : Jul 26 2017 4:42PM - SALINASM



10. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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
22. 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

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

23. 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. 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. 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. 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. 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. 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. 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 Rules 8011 and 8021] Federally Enforceable Through Title V Permit
30. 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 Rules 8011 and 8031] Federally Enforceable Through Title V Permit
31. 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 Rules 8011 and 8041] Federally Enforceable Through Title V Permit
32. 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 Rules 8011 and 8051] Federally Enforceable Through Title V Permit
33. 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 Rules 8011 and 8061] Federally Enforceable Through Title V Permit
34. 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 Rules 8011 and 8071] Federally Enforceable Through Title V Permit
35. 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

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

36. 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. 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. 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. The reporting period for the Report of Required Monitoring and the Compliance Certification Report begin April 1st of every year, 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
40. All Hexane storage tanks shall be operated as pressure vessels with working pressures sufficient at all times to prevent organic liquid loss to the atmosphere. [District Rule 4623, 4.1.1] Federally Enforceable Through Title V Permit
41. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
42. Should the facility, as defined in 40 CFR Section 68.3, become subject to Part 68, then the owner or operator shall submit a risk management plan (RMP) by the date specified in 40 CFR Section 68.10. The facility shall certify compliance as part of the annual certification as required by 40 CFR part 70. [40 CFR 68] Federally Enforceable Through Title V Permit
43. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated Kings County SIP requirements: Rule 401, Rule 111, and Rule 202. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
44. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4601 (12/17/09); 8021 (8/19/2004); 8031 (8/19/2004); 8041 (8/19/2004); 8051 (8/19/2004); 8061 (8/19/2004); and 8071 (9/16/2004). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-1555-2-7

**EXPIRATION DATE:** 11/30/2021

**EQUIPMENT DESCRIPTION:**

825 HP DECORTICATION OPERATION INCLUDING FOUR DECORTICATOR/SEPARATORS, FOUR HULL BEATERS, ONE SCALPER, AND NINE 1D-3D CYCLONES VENTED TO ONE CONTINENTAL AIR SYSTEMS MODEL 10-7 OUTR-A-VAC ROTARY FILTER

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The rotary filter shall be operated in accordance with the manufacturer's specifications whenever the decortication process is operating. [District Rule 2201] Federally Enforceable Through Title V Permit
3. PM10 emissions shall not exceed 0.0074 lb-PM10/ton seeds processed. [District Rules 2201 and 4202] Federally Enforceable Through Title V Permit
4. Daily process rate of seed shall not exceed 1,400 tons in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The owner/operator shall maintain daily records of the tons of seed processed. [District Rules 2201 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
6. Compliance with the above conditions shall be considered compliance with District Rules 4201 (12/17/92) and 4202 (12/17/92). Therefore, a permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
7. Dust collectors shall be inspected at least once every week while not in operation for any tears, holes, or malfunctions which might interfere with the PM collection efficiency, and shall be repaired or replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
8. Records of dust collector inspection, maintenance, and repair shall be maintained. These records shall include identification of the dust collector, date of inspection, any corrective action taken as a result of inspection, and initials of the personnel performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
9. The particulate matter emissions shall comply with District Rule 4202, Section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
10. Records shall be maintained on the daily hours of operation. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-1555-3-9

**EXPIRATION DATE:** 11/30/2021

**EQUIPMENT DESCRIPTION:**

COMPLIANT DORMANT LINT REMOVAL PROCESS INCLUDING 2 (1D-2D) CYCLONE CLEANERS/RECLAIMERS, 19 (2D-2D) CYCLONE LINTERS, HULL BEATERS AND RECLAIMERS, AND 13 (1D-3D) CYCLONE CLEANERS/COLLECTORS (2,940 TOTAL HP)

## PERMIT UNIT REQUIREMENTS

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1. Repairs and maintenance including dismantling of equipment is authorized under this permit while this unit remains dormant. For any permanent changes or modifications to C-1555-3, the operator shall file for and receive an Authority to Construct (ATC) permit authorizing such changes or modifications prior to recommencing operation. [District Rule 2010] Federally Enforceable Through Title V Permit
2. All machines/systems belonging to the lint removal process (C-1555-3) shall be physically disconnected from their power source or rendered non-operational. [District Rule 2010] Federally Enforceable Through Title V Permit
3. Provided that no permanent changes that might otherwise require ATC approval have taken place, the operator shall notify the District at least seven (7) calendar days prior to recommencing operation of this dormant emissions unit (DEU), at which time this permit will be administratively modified to remove DEU references. [District Rule 2010] Federally Enforceable Through Title V Permit
4. Upon recommencing operation, particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
5. Upon recommencing operation, material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 4201] Federally Enforceable Through Title V Permit
6. Upon recommencing operation, all equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 4102]
7. Compliance with the above conditions shall be considered compliance with District Rule 4201 (12/17/92). Therefore, a permit shield is granted from this requirement. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
8. Upon recommencing operation, dust collectors shall be inspected at least once every week while in operation for any cracks, holes, or malfunctions which might decrease the PM collection efficiency, and shall be repaired or replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
9. Upon recommencing operation, records of dust collector inspection, maintenance, and repair shall be maintained. These records shall include identification of the dust collector, date of inspection, any corrective action taken as a result of inspection, and initials of the personnel performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
10. Upon recommencing operation, the particulate matter emissions shall comply with District Rule 4202, Section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
11. Upon recommencing operation, records shall be maintained on the daily hours of operation. [District Rule 2520, 9.3.2] 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. A source test to demonstrate compliance with the particulate matter (PM) emission rate limit (0.1 grains/dscf) on this permit shall be performed within 60 days of recommencing operation of this unit unless such a test has been completed within the previous five years. The owner/operator shall measure the PM emission rate from one representative cyclone using CARB Method 5. Source testing to demonstrate compliance with the PM emission rate limit on this permit shall be performed at least once every five years. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-1555-6-8

**EXPIRATION DATE:** 11/30/2021

**EQUIPMENT DESCRIPTION:**

1,300 HP MEAL HANDLING PLANT SERVED BY TWELVE 2D-2D CYCLONE COLLECTORS AND TWO BAGHOUSES

## PERMIT UNIT REQUIREMENTS

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1. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The maximum throughput shall not exceed 1,400 tons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Emissions from the pelletizer shall not exceed 33.6 lb-PM10/day. [District Rules 2201 and 4202] Federally Enforceable Through Title V Permit
6. The owner/operator shall record the daily throughput of meal. [District Rules 2201 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
7. Compliance with the above conditions shall be considered compliance with District Rules 4201 (12/17/92) and 4202 (12/17/92). Therefore, a permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
8. Dust collectors shall be inspected at least once every week while in operation for any cracks, holes, or malfunctions which might decrease the PM collection efficiency, and shall be repaired or replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
9. Records of dust collector inspection, maintenance, and repair shall be maintained. These records shall include identification of the dust collector, date of inspection, any corrective action taken as a result of inspection, and initials of the personnel performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
10. The particulate matter emissions shall comply with District Rule 4202, Section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
11. Records shall be maintained on the daily hours of operation. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-1555-7-11

**EXPIRATION DATE:** 11/30/2021

## **EQUIPMENT DESCRIPTION:**

PREPARATION PROCESS UNIT WITH 126" CROWN IRON WORKS REDUCER, EXPANDERS, TWO (2) ROSKAMP 28X52 FLAKING MILLS, ONE (1) FERREL ROSS 24X48 HYD FLAKING MILL, ONE (1) KRUPPS EXPELLER, MECHANICAL AND PNEUMATIC TRANSFER SYSTEMS SERVED BY THREE (3) 36" 1D-3D CYCLONE COLLECTORS, ONE SEED BLEACHER, AND TWO BAG DUMPING UNITS SERVED BY A MAC FILTER UNIT

## **PERMIT UNIT REQUIREMENTS**

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Visible emissions from sock filter(s) serving the bag dumping units shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The maximum daily throughput of conditioned seed shall not exceed 1,400 ton/day when the mechanical conveyor system is used. [District Rule 2201] Federally Enforceable Through Title V Permit
6. In the event of a breakdown of the expeller conveyor system, the operator shall use the pneumatic conveyor backup system, and the District shall be notified immediately. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The maximum throughput of conditioned seed shall not exceed 420 ton/day when the pneumatic conveyor backup system is used. [District Rule 2201] Federally Enforceable Through Title V Permit
8. PM10 emissions from the preparation process unit shall not exceed 1.2 lb-PM10/day. [District Rules 2201 and 4202] Federally Enforceable Through Title V Permit
9. The maximum amount of material processed by the bag dumping units shall not exceed 1,500 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
10. PM10 emissions from the bag dumping units shall not exceed 0.0568 lb/ton material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The particulate matter emissions shall comply with District Rule 4202, Section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
12. Compliance with the above conditions shall be considered compliance with District Rules 4201 (12/17/92) and 4202 (12/17/92). Therefore, a permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
13. Dust collectors shall be inspected at least once every week while in operation for any cracks, holes, or malfunctions which might decrease the PM collection efficiency, and shall be repaired or replaced as needed. [District Rule 2520, 9.3.2] 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. Records of dust collector inspection, maintenance, and repair shall be maintained. These records shall include identification of the dust collector, date of inspection, any corrective action taken as a result of inspection, and initials of the personnel performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
15. Record of daily conditioned seed throughput for the preparation process unit and daily amount of material processed by the bag dumping units shall be maintained, retained on-site for a period of at least five (5) years and made available for District inspection upon request. [District Rules 1070 and 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-1555-8-13

**EXPIRATION DATE:** 11/30/2021

## **EQUIPMENT DESCRIPTION:**

VEGETABLE OIL SOLVENT PLANT/REFINERY WITH CROWN IRON WORKS COMPANY EQUIPMENT INCLUDING A CROWN SERIES 900 EXTRACTOR, EVAPORATORS, A DESOLVENTIZER/TOASTER, ASSOCIATED EQUIPMENT SERVED BY THREE 30" 2D-2D CYCLONES AND TWO 6,500 GALLON SKIMMER/AERATION TANKS, ONE 10,000 GALLON WASTE WATER STORAGE TANK, FOUR SUMPS, AND ONE 30,000 GALLON EQUALIZATION TANK AND ONE BAG DUMPING UNIT SERVED BY A MAC FILTER UNIT

## **PERMIT UNIT REQUIREMENTS**

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Visible emissions from sock filter(s) serving the bag dumping unit shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The maximum amount of material processed by the bag dumping unit shall not exceed 750 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
5. PM10 emissions from the bag dumping unit shall not exceed 0.0568 lb/ton material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The Owner/Operator shall control the amount of fresh hexane so that the average rate over a three month period does not exceed 2,156 pounds per day. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Record of daily amount of material processed by the bag dumping unit shall be maintained, retained on-site for a period of at least five (5) years and made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
8. The Owner/Operator shall maintain records such that daily vegetable oil seed material processing rates and hexane consumption can be determined. [District Rules 2201, 2520, 9.4.2, and 4691, 6.1] Federally Enforceable Through Title V Permit
9. All vapors and gas streams from the extractor, wastewater reboiler, solvent-water separator, and dryer/toaster condenser shall be routed to the vent condenser and then to the mineral scrubber. [District Rules 2201 and 4691, 5.2, and Kings County Rule 410] Federally Enforceable Through Title V Permit
10. The condenser and mineral oil scrubber shall have a combined capture and control efficiency of at least 95 percent by weight. [District Rule 4691, 5.1, and Kings County Rule 410] Federally Enforceable Through Title V Permit
11. The permittee shall conduct inspections at least once a month on all equipment in organic service for any indication of any leak of VOCs. Monthly inspections shall be done in accordance with EPA Method 21. [District Rule 4691, 5.3] Federally Enforceable Through Title V Permit
12. If a detected leakage level exceeds 10,000 ppm, or if leaks are visible, the leaking equipment shall be repaired within ten (10) days. [District Rule 4691, 5.3] 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.

13. The owner/operator shall not use any equipment in organic service at the vegetable oil plant unless such equipment does not leak. [District Rule 4691, 5.4] Federally Enforceable Through Title V Permit
14. Emissions from leaks in equipment in organic service which have been tagged by the owner or operator for repair in accordance with the requirements of Section 6.1 of Rule 4691 (12/17/92) or which have been repaired and are waiting reinspection shall not constitute a violation of Section 5.4 of Rule 4691 (12/17/92). [District Rule 4691, 5.5] Federally Enforceable Through Title V Permit
15. The owner/operator shall comply with all the recordkeeping and monitoring requirements of Section 6.0 of Rule 4691 (12/17/92). [District Rule 4691, 6.0] Federally Enforceable Through Title V Permit
16. The owner/operator shall check the oil temperature at various points. The oil from the heater shall be between 230 F and 255 F. The oil from the cooler shall be less than 100 F. [District Rules 4691, 5.1 and 2520, 9.4.2] Federally Enforceable Through Title V Permit
17. The extractor shall run under a vacuum of at least 0.1 inches of water. [District Rules 4691, 5.1 and 2520, 9.4.2] Federally Enforceable Through Title V Permit
18. Compliance with the above conditions shall be considered compliance with District Rules 4201 (12/17/92), 4202 (12/17/92), and 4691 (12/17/92). Therefore, a permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
19. Dust collectors shall be inspected at least once every week while in operation for any cracks, holes, or malfunctions which might decrease the PM collection efficiency, and shall be repaired or replaced as needed. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
20. Records of dust collector inspection, maintenance, and repair shall be maintained. These records shall include identification of the dust collector, date of inspection, any corrective action taken as a result of inspection, and initials of the personnel performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
21. The owner/operator shall perform EPA Method 18 on an annual basis to determine compliance with District Rule 4691 (12/17/92). [District Rules 4691 and 2520, 9.4.2] Federally Enforceable Through Title V Permit
22. On and after compliance date, for each operating month, the permittee must calculate the compliance ratio in accordance with methods and procedures specified in 40 CFR 63.2840 (a), (b), and (d). The actual solvent loss shall be calculated according to the procedure in 40 CFR 63.2853. The weighted average volume fraction of HAP in the solvent shall be calculated according to the procedure in 40 CFR 63.2854. The tons of oilseed processed shall be calculated according to the procedure in 40 CFR 63.2855. The compliance ratio shall not exceed 1.0. [40 CFR 63.2840, 40 CFR 63.2853, 40 CFR 63.2854, and 40 CFR 63.2855] Federally Enforceable Through Title V Permit
23. The permittee must meet all of the requirements listed in 40 CFR 63.2850(a) and Table 1 of Section 63.2850 for sources under normal operation, and the schedules for demonstrating compliance for existing sources under normal operation in Table 2 of Section 63.2850. [40 CFR 63.2850(b)] Federally Enforceable Through Title V Permit
24. The permittee must develop and implement a written plan for demonstrating compliance that provides detailed procedures to monitor and record data necessary for demonstrating compliance with 40 CFR 63 Subpart GGGG. If any changes to the plan for demonstrating compliance are made, the permittee must keep all previous versions of the plan and make them readily available for inspection at least 5 years after each revision. The plan for demonstrating compliance must include the items in 40 CFR Sections 63.2851(a)(1) - (7). [40 CFR 63.2850(a)(2) and 40 CFR 63.2851(a)] Federally Enforceable Through Title V Permit
25. The permittee must develop a written SSM (Startup, Shutdown, and Malfunction) plan in accordance with 40 CFR 63.6(e)(3) and implement the plan, when applicable. The SSM plan must be completed before the compliance date of the existing source providing detailed procedures for operating and maintaining the source to minimize emissions during a qualifying SSM event for which the source chooses the Sec. 63.2850(e)(2) malfunction period, or the Sec. 63.2850(c)(2) or (d)(2) initial startup period. The SSM plan must specify a program of corrective action for malfunctioning process and air pollution control equipment and reflect the best practices now in use by the industry to minimize emissions. [40 CFR 63.2850(a)(3) and 40 CFR 63.2852] 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.

26. The recordkeeping requirements of Section 63.2862 must be satisfied by the compliance date, if the source processes any listed oilseed, as defined in 40 CFR 63.2872. The permittee shall record all the items listed in 40 CFR 63.2862(c)(1)-(3). [40 CFR 63.2850(a)(4) and 40 CFR 63.2862] Federally Enforceable Through Title V Permit
27. The permittee shall record the following items by the end of the calendar month following each operating month: 1) The 12 operating months rolling sum of the actual solvent loss in gallons as described in 40 CFR 63.2853(c); 2) The weighted average volume fraction of HAP in extraction solvent received for the previous 12 operating months as described in 40 CFR 63.2854(b)(3); 3) The 12 operating months rolling sum of each type of listed oilseed processed at the affected source in tons as described in 40 CFR 63.2855(c); 4) A determination of the compliance ratio. Using the values from 40 CFR 63.2853, 63.2854, 63.2855, and Table 1 of Section 63.2840, calculate the compliance ratio using Equation 2 of Sec. 63.2840; and 5) A statement of whether the source is in compliance with all of the requirements of this subpart. [40 CFR 63.2850(a)(4)] Federally Enforceable Through Title V Permit
28. For each SSM event subject to an initial startup period as described in Section 63.2850(c)(2) or (d)(2), or a malfunction period as described in Section 63.2850(e)(2), the permittee shall record the following items by the end of the calendar month following each month in which the initial startup period or malfunction period occurred: 1) A description and date of the SSM event, its duration, and reason it qualifies as an initial startup or malfunction; 2) An estimate of the solvent loss in gallons for the duration of the initial startup or malfunction period with supporting documentation; and 3) A checklist or other mechanism to indicate whether the SSM plan was followed during the initial startup or malfunction period. [40 CFR 63.2850(a)(4)] Federally Enforceable Through Title V Permit
29. Annual compliance certifications must be submitted 12 calendar months after submission of the initial notification of compliance status. Each subsequent annual compliance certification is due 12 calendar months after the previous annual compliance certification. The annual compliance certification provides the compliance status for each operating month during the 12 calendar months period ending 60 days prior to the date on which the report is due and includes the information in 40 CFR 63.2861(a)(1) - (6). [40 CFR 63.2850(a)(5)(i) and 40 CFR 63.2861(a)] Federally Enforceable Through Title V Permit
30. Deviation notification report shall be submitted for each compliance determination made in which the compliance ratio exceeds 1.00 as determined under 40 CFR 63.2840(c). The report shall be submitted by the end of the month following the calendar month in which the deviation occurred. The deviation notification report must include the items in 40 CFR 63.2861(b)(1) - (4). [40 CFR 63.2861(b)(1)-(4) and 40 CFR 63.2861(b)] Federally Enforceable Through Title V Permit
31. A periodic SSM report shall be submitted by the end of the calendar month following each month in which the initial startup period or malfunction period occurred. The periodic SSM report must include: 1) The name, title, and signature of a source's responsible official certifying that the report accurately states that all actions taken during the initial startup or malfunction period were consistent with the SSM plan; 2) A description of events occurring during the time period, the date and duration of the events, and reason the time interval qualifies as an initial startup period or malfunction period; and 3) An estimate of the solvent loss during the initial startup or malfunction period with supporting documentation. [40 CFR 63.2850(a)(5)(ii) and 40 CFR 63.2861(c)] Federally Enforceable Through Title V Permit
32. If the source handles a SSM during an initial startup period subject to 40 CFR 63.2850(c)(2) or (d)(2) or a malfunction period subject to 40 CFR 63.2850(e)(2) differently from procedures in the SSM plan and the relevant emission requirements in 40 CFR 63.2840 are exceeded, then the permittee must submit an immediate SSM report consisting of a telephone call or facsimile transmission to the responsible agency within 2 working days after starting actions inconsistent with the SSM plan, followed by a letter within 7 working days after the end of the event. The letter must include the items listed in 40 CFR 63.2861(d)(1) - (3). [40 CFR 63.2850(a)(5)(iii) and 40 CFR 63.2861(d)] Federally Enforceable Through Title V Permit
33. If the source experiences an unscheduled shutdown as a result of a malfunction, as defined in 40 CFR 63.2, continues to operate during a malfunction (including the period reasonably necessary to correct the malfunction), or starts up after a shutdown resulting from a malfunction, the permittee must choose to comply with one of the options listed in 40 CFR section 63.2850(e)(1)-(2) within 15 days of the beginning date of the malfunction. [40 CFR 63.2850(e)] 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.

34. At the time of each annual source test for VOC, the permittee shall establish the temperature ranges of the outlet gas from the vent condenser, the temperature ranges of the inlet oil to the mineral oil scrubber (MOS), and the temperature ranges of the inlet oil to the mineral oil stripper. Minimum and maximum readings for each parameter shall be established during the annual source test. [40 CFR Part 64] Federally Enforceable Through Title V Permit
35. Every fifteen minutes of operation, the permittee shall record the temperature readings and compare the readings with the acceptable range established during the most recent annual source test. Upon detecting any excursion from the acceptable range of readings, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
36. The owner or operator shall operate a monitoring system which is capable of monitoring and recording the mineral oil flowrate, in gallons per minute, through the mineral oil scrubber once every fifteen minutes. The mineral oil flowrate shall be maintained between 8 and 20 gallons per minute. Upon detecting any excursion from the acceptable range of readings, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
37. Devices used to measure temperatures and mineral oil flowrates shall be maintained in accordance with the manufacturer's specifications. [40 CFR Part 64] Federally Enforceable Through Title V Permit
38. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR Part 64.7. [40 CFR Part 64] Federally Enforceable Through Title V Permit
39. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9. [40 CFR Part 64] Federally Enforceable Through Title V Permit
40. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR Part 64.8. [40 CFR Part 64] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1555-11-11

EXPIRATION DATE: 11/30/2021

## EQUIPMENT DESCRIPTION:

34.8 MMBTU/HR SUPERIOR SEMINOLE MODEL 6C-4000 NATURAL GAS-FIRED OR PROPANE-FIRED BOILER  
EQUIPPED WITH A LOW NOX BURNER SERVED BY A SELECTIVE CATALYTIC REDUCTION SYSTEM

## PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The unit shall only be fired on PUC-regulated natural gas or propane. [District Rules 2201 and 4301, 5.2.1, and 40 CFR § 60.42c(d)] Federally Enforceable Through Title V Permit
3. Propane consumption shall not exceed 4,400 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Further testing of the equipment as necessary for the determination of compliance with the rule and regulations of the District may be required at any time. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Particulate matter emissions shall not exceed 0.1 grain/dscf at operating conditions, nor 0.1 grain/dscf calculated to 12% CO<sub>2</sub>, nor 10 lb/hr. [District Rules 4201 and 4301, 5.1 and 5.2.3] Federally Enforceable Through Title V Permit
6. Except during start-up and shutdown, when fired on natural gas, emissions rates from the unit shall not exceed any of the following limits: 6 ppmv NO<sub>x</sub> @ 3% O<sub>2</sub> or 0.007 lb-NO<sub>x</sub>/MMBtu, 0.00285 lb-SO<sub>x</sub>/MMBtu, 0.005 lb-PM<sub>10</sub>/MMBtu, 42 ppmv CO @ 3% O<sub>2</sub> or 0.031 lb-CO/MMBtu, or 0.00067 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
7. Except during start-up and shutdown, when fired on propane, emissions rates from the unit shall not exceed any of the following limits: 6 ppmv NO<sub>x</sub> @ 3% O<sub>2</sub> or 0.007 lb-NO<sub>x</sub>/MMBtu, 0.0109 lb-SO<sub>x</sub>/MMBtu, 0.0066 lb-PM<sub>10</sub>/MMBtu, 48 ppmv CO @ 3% O<sub>2</sub> or 0.035 lb-CO/MMBtu, or 0.00139 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
8. During start-up and shutdown, when fired on natural gas, emissions from the unit shall not exceed 30 ppmv NO<sub>x</sub> @ 3% O<sub>2</sub> or 0.036 lb-NO<sub>x</sub>/MMBtu, 0.00285 lb-SO<sub>x</sub>/MMBtu, 0.005 lb-PM<sub>10</sub>/MMBtu, 42 ppmv CO @ 3% O<sub>2</sub> or 0.031 lb-CO/MMBtu, or 0.00067 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
9. During start-up and shutdown, when fired on propane, emissions from the unit shall not exceed 30 ppmv NO<sub>x</sub> @ 3% O<sub>2</sub> or 0.036 lb-NO<sub>x</sub>/MMBtu, 0.0109 lb-SO<sub>x</sub>/MMBtu, 0.0066 lb-PM<sub>10</sub>/MMBtu, 48 ppmv CO @ 3% O<sub>2</sub> or 0.035 lb-CO/MMBtu, or 0.00139 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
10. The total duration of startup and shutdown time combined shall not exceed either of the following limits: 2.0 hours per day or 104 hours per year. [District Rules 2201, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
11. The ammonia emission rate shall not exceed 10 ppmvd @ 3% O<sub>2</sub> over a 15 minute averaging period. [District Rule 4102]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

12. The permittee shall monitor and record the stack concentration of NO<sub>x</sub>, CO, NH<sub>3</sub>, and O<sub>2</sub> at least once during each month in which source testing is not performed. NO<sub>x</sub>, CO, and O<sub>2</sub> monitoring shall be conducted utilizing a portable analyzer that meets District specifications. NH<sub>3</sub> monitoring shall be conducted utilizing Draeger tubes or a District approved equivalent method. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless it has been performed within the last month. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
13. If the NO<sub>x</sub>, CO, or NH<sub>3</sub> concentrations, as measured by the portable analyzer and Draeger tubes or the District approved ammonia monitoring equipment, exceed the permitted levels the permittee shall return the emissions to compliant levels as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer or the ammonia monitoring equipment continue to show emission limit violations after 1 hour of operation following detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation that is subject to enforcement action has occurred. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
14. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
15. All NO<sub>x</sub>, CO, O<sub>2</sub>, and NH<sub>3</sub> emission readings shall be taken with the unit operating at conditions representative of normal operation or under the conditions specified in the Permit to Operate. The NO<sub>x</sub>, CO, and O<sub>2</sub> analyzer as well as the NH<sub>3</sub> emission monitoring equipment shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Analyzer readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
16. NH<sub>3</sub> emission readings shall be conducted at the time the NO<sub>x</sub>, CO, and O<sub>2</sub> readings are taken. The readings shall be converted to ppmvd @ 3% O<sub>2</sub>. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
17. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, NH<sub>3</sub>, and O<sub>2</sub> measurements, (2) the O<sub>2</sub> concentration in percent by volume and the measured NO<sub>x</sub>, CO, and NH<sub>3</sub> concentrations corrected to 3% O<sub>2</sub>, (3) make and model of the portable analyzer, (4) portable analyzer calibration records, (5) the method of determining the NH<sub>3</sub> emission concentration, and (6) a description of any corrective action taken to maintain the emissions at or below the acceptable levels. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
18. Source testing to measure natural gas combustion NO<sub>x</sub>, CO, and NH<sub>3</sub> emissions from this unit shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests when unit is fired on natural gas, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District Ruled 2201, 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
19. The District shall be notified upon initial usage of propane fuel. The initial source test for propane shall be conducted within 60 days of initial start-up and to determine compliance with NO<sub>x</sub>, CO, VOC, PM<sub>10</sub>, SO<sub>x</sub>, and NH<sub>3</sub> emission limits in this permit. [District Rules 2201, 4102, 4305, 4306, and 4320] 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.

20. Source testing to measure propane combustion NO<sub>x</sub>, CO, and NH<sub>3</sub> emissions shall be required when propane usage exceeds 100 hours during the previous 12 months from the date of the proposed source test. After demonstrating compliance on two (2) consecutive annual source tests when unit is fired on propane, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District Rules 2201, 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
21. The source plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
22. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
23. NO<sub>x</sub> emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
24. CO emissions for source test purposes shall be determined using EPA Method 10 or EPA Method 100. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
25. Stack gas oxygen (O<sub>2</sub>) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
26. Source testing for ammonia slip shall be conducted utilizing BAAQMD method ST-1B. [District Rule 1081] Federally Enforceable Through Title V Permit
27. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
28. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
29. Daily and annual records of natural gas, and propane usage shall be kept. [District Rules 2201 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
30. Operator shall record all dates on which the unit is fired on any fuel other than PUC-regulated natural gas. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
31. Daily and annual records of start-up and shutdown durations and number of occurrences of each shall be kept. [District Rules 2201 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
32. 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 1070, 2520, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
33. Permittee shall submit an analysis showing the fuel's sulfur content at least once every year. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contacts may be used to satisfy this requirement, provided they establish the fuel parameters mentioned above. [District Rule 4320] Federally Enforceable Through Title V Permit

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



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# ATTACHMENT B

Previous Title V Operating Permit

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# San Joaquin Valley Air Pollution Control District

FACILITY: C-1555-0-3

EXPIRATION DATE: 11/30/2016

## FACILITY-WIDE REQUIREMENTS

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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; Kings County Rule 111] 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 Kings County Rule 111] Federally Enforceable Through Title V Permit
3. 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. 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. 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, 9.8.1 and 9.13.1] Federally Enforceable Through Title V Permit
6. 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. 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. 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. 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: J G BOSWELL COMPANY OIL MILL  
Location: 710 BAINUM AVE, CORCORAN, CA 93212  
C-1555-0-3 Jul 24 2017 2:11PM - SALINAS

10. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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
22. 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

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

23. 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. 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. 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. 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. 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. 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. 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 Rules 8011 and 8021] Federally Enforceable Through Title V Permit
30. 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 Rules 8011 and 8031] Federally Enforceable Through Title V Permit
31. 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 Rules 8011 and 8041] Federally Enforceable Through Title V Permit
32. 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 Rules 8011 and 8051] Federally Enforceable Through Title V Permit
33. 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 Rules 8011 and 8061] Federally Enforceable Through Title V Permit
34. 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 Rules 8011 and 8071] Federally Enforceable Through Title V Permit
35. 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

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

36. 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. 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. 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. The reporting period for the Report of Required Monitoring and the Compliance Certification Report begin April 1st of every year, 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
40. All Hexane storage tanks shall be operated as pressure vessels with working pressures sufficient at all times to prevent organic liquid loss to the atmosphere. [District Rule 4623, 4.1.1] Federally Enforceable Through Title V Permit
41. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
42. Should the facility, as defined in 40 CFR section 68.3, become subject to Part 68, then the owner or operator shall submit a risk management plan (RMP) by the date specified in 40 CFR section 68.10. The facility shall certify compliance as part of the annual certification as required by 40 CFR part 70. [40 CFR 68] Federally Enforceable Through Title V Permit
43. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated Kings County SIP requirements: Rule 401, Rule 111, and Rule 202. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
44. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4601 (12/17/09); 8021 (8/19/2004); 8031 (8/19/2004); 8041 (8/19/2004); 8051 (8/19/2004); 8061 (8/19/2004); and 8071 (9/16/2004). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-1555-2-6

**EXPIRATION DATE:** 11/30/2016

**EQUIPMENT DESCRIPTION:**

825 HP DECORTICATION OPERATION INCLUDING FOUR DECORTICATOR/SEPARATORS, FOUR HULL BEATERS, ONE SCALPER, AND NINE 1D-3D CYCLONES VENTED TO ONE CONTINENTAL AIR SYSTEMS MODEL 10-7 OUTR-A-VAC ROTARY FILTER.

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The rotary filter shall be operated in accordance with the manufacturer's specifications whenever the decortication process is operating. [District NSR Rule] Federally Enforceable Through Title V Permit
3. PM10 emissions shall not exceed 0.0074 lb PM10/ton seeds processed. [District NSR Rule and District Rule 4202] Federally Enforceable Through Title V Permit
4. Daily process rate of seed shall not exceed 1400 tons in any one day. [District NSR Rule] Federally Enforceable Through Title V Permit
5. The owner/operator shall maintain daily records of the tons of seed processed. [District NSR Rule and District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
6. Compliance with the above conditions shall be considered compliance with District Rules 4201 (12/17/92) and 4202 (12/17/92). Therefore, a permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
7. Dust collectors shall be inspected at least once every week while not in operation for any tears, holes, or malfunctions which might interfere with the PM collection efficiency, and shall be repaired or replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
8. Records of dust collector inspection, maintenance, and repair shall be maintained. These records shall include identification of the dust collector, date of inspection, any corrective action taken as a result of inspection, and initials of the personnel performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
9. The particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
10. Records shall be maintained on the daily hours of operation. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-1555-3-7

**EXPIRATION DATE:** 11/30/2016

**EQUIPMENT DESCRIPTION:**

COMPLIANT DORMANT LINT REMOVAL PROCESS INCLUDING 2 (1D-2D) CYCLONE CLEANERS/RECLAIMERS, 19 (2D-2D) CYCLONE LINTERS, HULL BEATERS AND RECLAIMERS, AND 13 (1D-3D) CYCLONE CLEANERS/COLLECTORS (2,940 TOTAL HP)

## PERMIT UNIT REQUIREMENTS

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1. Repairs and maintenance including dismantling of equipment is authorized under this permit while this unit remains dormant. For any permanent changes or modifications to C-1555-3, the operator shall file for and receive an Authority to Construct permit authorizing such changes or modifications prior to recommencing operation. [District Rule 2010] Federally Enforceable Through Title V Permit
2. All machines/systems belonging to the lint removal process (C-1555-3) shall be physically disconnected from their power source or rendered non-operational. [District Rule 2010] Federally Enforceable Through Title V Permit
3. Provided that no permanent changes that might otherwise require ATC approval have taken place, the operator shall notify the District at least seven (7) calendar days prior to recommencing operation of this dormant emissions unit (DEU), at which time this permit will be administratively modified to remove DEU references. [District Rule 2010] Federally Enforceable Through Title V Permit
4. Upon recommencing operation, particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
5. Upon recommencing operation, material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 4201] Federally Enforceable Through Title V Permit
6. Upon recommencing operation, all equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 4102]
7. Compliance with the above conditions shall be considered compliance with District Rule 4201 (12/17/92). Therefore, a permit shield is granted from this requirement. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
8. Upon recommencing operation, dust collectors shall be inspected at least once every week while in operation for any cracks, holes, or malfunctions which might decrease the PM collection efficiency, and shall be repaired or replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
9. Upon recommencing operation, records of dust collector inspection, maintenance, and repair shall be maintained. These records shall include identification of the dust collector, date of inspection, any corrective action taken as a result of inspection, and initials of the personnel performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
10. Upon recommencing operation, the particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
11. Upon recommencing operation, records shall be maintained on the daily hours of operation. [District Rule 2520, 9.3.2] 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. A source test to demonstrate compliance with the particulate matter (PM) emission rate limit (0.1 grains/dscf) on this permit shall be performed within 60 days of recommencing operation of this unit unless such a test has been completed within the previous five years. The owner/operator shall measure the PM emission rate from one representative cyclone using CARB Method 5. Source testing to demonstrate compliance with the PM emission rate limit on this permit shall be performed at least once every five years. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

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



# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-1555-6-7

**EXPIRATION DATE:** 11/30/2016

**EQUIPMENT DESCRIPTION:**

1,300 HP MEAL HANDLING PLANT SERVED BY TWELVE 2D-2D CYCLONE COLLECTORS AND TWO BAGHOUSES.

## PERMIT UNIT REQUIREMENTS

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1. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
4. The maximum throughput shall not exceed 1400 tons per day. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Emissions from the pelletizer shall not exceed 33.6 lb PM10/day. [District NSR Rule and District Rule 4202] Federally Enforceable Through Title V Permit
6. The owner/operator shall record the daily throughput of meal. [District NSR Rule and District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
7. Compliance with the above conditions shall be considered compliance with District Rules 4201 (12/17/92) and 4202 (12/17/92). Therefore, a permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
8. Dust collectors shall be inspected at least once every week while in operation for any cracks, holes, or malfunctions which might decrease the PM collection efficiency, and shall be repaired or replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
9. Records of dust collector inspection, maintenance, and repair shall be maintained. These records shall include identification of the dust collector, date of inspection, any corrective action taken as a result of inspection, and initials of the personnel performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
10. The particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
11. Records shall be maintained on the daily hours of operation. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-1555-7-10

**EXPIRATION DATE:** 11/30/2016

**EQUIPMENT DESCRIPTION:**

PREPARATION PROCESS UNIT WITH 126" CROWN IRON WORKS REDUCER, EXPANDERS, TWO (2) ROSKAMP 28X52 FLAKING MILLS, ONE (1) FERREL ROSS 24X48 HYD FLAKING MILL, ONE (1) KRUPPS EXPELLER, MECHANICAL AND PNEUMATIC TRANSFER SYSTEMS SERVED BY THREE (3) 36" 1D-3D CYCLONE COLLECTORS, ONE SEED BLEACHER, AND TWO BAG DUMPING UNITS SERVED BY A MAC FILTER UNIT

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
3. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Visible emissions from sock filter(s) serving the bag dumping units shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District NSR Rule] Federally Enforceable Through Title V Permit
5. The maximum daily throughput of conditioned seed shall not exceed 1,400 ton/day when the mechanical conveyor system is used. [District NSR Rule] Federally Enforceable Through Title V Permit
6. In the event of a breakdown of the expeller conveyor system, the operator shall use the pneumatic conveyor backup system, and the District shall be notified immediately. [District NSR Rule] Federally Enforceable Through Title V Permit
7. The maximum throughput of conditioned seed shall not exceed 420 tons per day when the pneumatic conveyor backup system is used. [District NSR Rule] Federally Enforceable Through Title V Permit
8. PM10 emissions from the preparation process unit shall not exceed 1.2 lb PM10/day. [District NSR Rule; District Rule 4202] Federally Enforceable Through Title V Permit
9. The maximum amount of material processed by the bag dumping units shall not exceed 1,500 lb/day. [District NSR Rule] Federally Enforceable Through Title V Permit
10. PM10 emissions from the bag dumping units shall not exceed 0.0568 lb/ton material processed. [District NSR Rule] Federally Enforceable Through Title V Permit
11. The particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
12. Compliance with the above conditions shall be considered compliance with District Rules 4201 (12/17/92) and 4202 (12/17/92). Therefore, a permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
13. Dust collectors shall be inspected at least once every week while in operation for any cracks, holes, or malfunctions which might decrease the PM collection efficiency, and shall be repaired or replaced as needed. [District Rule 2520, 9.3.2] 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. Records of dust collector inspection, maintenance, and repair shall be maintained. These records shall include identification of the dust collector, date of inspection, any corrective action taken as a result of inspection, and initials of the personnel performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
15. Record of daily conditioned seed throughput for the preparation process unit and daily amount of material processed by the bag dumping units shall be maintained, retained on-site for a period of at least five (5) years and made available for District inspection upon request. [District Rule 1070; District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-1555-8-12

**EXPIRATION DATE:** 11/30/2016

**EQUIPMENT DESCRIPTION:**

VEGETABLE OIL SOLVENT PLANT/REFINERY WITH CROWN IRON WORKS COMPANY EQUIPMENT INCLUDING A CROWN SERIES 900 EXTRACTOR, EVAPORATORS, A DESOLVENTIZER/TOASTER, ASSOCIATED EQUIPMENT SERVED BY THREE 30" 2D-2D CYCLONES AND TWO 6,500 GALLON SKIMMER/AERATION TANKS, ONE 10,000 GALLON WASTE WATER STORAGE TANK, FOUR SUMPS, AND ONE 30,000 GALLON EQUALIZATION TANK AND ONE BAG DUMPING UNIT SERVED BY A MAC FILTER UNIT

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Visible emissions from sock filter(s) serving the bag dumping unit shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District NSR Rule] Federally Enforceable Through Title V Permit
4. The maximum amount of material processed by the bag dumping unit shall not exceed 750 lb/day. [District NSR Rule] Federally Enforceable Through Title V Permit
5. PM10 emissions from the bag dumping unit shall not exceed 0.0568 lb/ton material processed. [District NSR Rule] Federally Enforceable Through Title V Permit
6. The Owner/Operator shall control the amount of fresh hexane so that the average rate over a three month period does not exceed 2,156 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Record of daily amount of material processed by the bag dumping unit shall be maintained, retained on-site for a period of at least five (5) years and made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
8. The Owner/Operator shall maintain records such that daily vegetable oil seed material processing rates and hexane consumption can be determined. [District NSR Rule; District Rule 2520, 9.4.2; District Rule 4691, 6.1] Federally Enforceable Through Title V Permit
9. All vapors and gas streams from the extractor, wastewater reboiler, solvent-water separator, and dryer/toaster condenser shall be routed to the vent condenser and then to the mineral scrubber. [District NSR Rule; District Rule 4691, 5.2; Kings County Rule 410] Federally Enforceable Through Title V Permit
10. The condenser and mineral oil scrubber shall have a combined capture and control efficiency of at least 95 percent by weight. [District Rule 4691, 5.1; Kings County Rule 410] Federally Enforceable Through Title V Permit
11. The permittee shall conduct inspections at least once a month on all equipment in organic service for any indication of any leak of VOCs. Monthly inspections shall be done in accordance with EPA Method 21. [District Rule 4691, 5.3] Federally Enforceable Through Title V Permit
12. If a detected leakage level exceeds 10,000 ppm, or if leaks are visible, the leaking equipment shall be repaired within ten (10) days. [District Rule 4691, 5.3] 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.

13. The owner/operator shall not use any equipment in organic service at the vegetable oil plant unless such equipment does not leak. [District Rule 4691, 5.4] Federally Enforceable Through Title V Permit
14. Emissions from leaks in equipment in organic service which have been tagged by the owner or operator for repair in accordance with the requirements of Section 6.1 of Rule 4691 (12/17/92) or which have been repaired and are waiting reinspection shall not constitute a violation of Section 5.4 of Rule 4691 (12/17/92). [District Rule 4691, 5.5] Federally Enforceable Through Title V Permit
15. The owner/operator shall comply with all the recordkeeping and monitoring requirements of section 6.0 of Rule 4691 (12/17/92). [District Rule 4691, 6.0] Federally Enforceable Through Title V Permit
16. The owner/operator shall check the oil temperature at various points. The oil from the heater shall be between 230 F and 255 F. The oil from the cooler shall be less than 100 F. [District Rule 4691, 5.1; District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
17. The extractor shall run under a vacuum of at least 0.1 inches of water. [District Rule 4691, 5.1; District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
18. Compliance with the above conditions shall be considered compliance with District Rules 4201 (12/17/92), 4202 (12/17/92), and 4691 (12/17/92). Therefore, a permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
19. Dust collectors shall be inspected at least once every week while in operation for any cracks, holes, or malfunctions which might decrease the PM collection efficiency, and shall be repaired or replaced as needed. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
20. Records of dust collector inspection, maintenance, and repair shall be maintained. These records shall include identification of the dust collector, date of inspection, any corrective action taken as a result of inspection, and initials of the personnel performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
21. The owner/operator shall perform EPA Method 18 on an annual basis to determine compliance with District Rule 4691 (12/17/92). [District Rule 4691; District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
22. On and after compliance date, for each operating month, the permittee must calculate the compliance ratio in accordance with methods and procedures specified in 40 CFR 63.2840 (a), (b), and (d). The actual solvent loss shall be calculated according to the procedure in 40 CFR 63.2853. The weighted average volume fraction of HAP in the solvent shall be calculated according to the procedure in 40 CFR 63.2854. The tons of oilseed processed shall be calculated according to the procedure in 40 CFR 63.2855. The compliance ratio shall not exceed 1.0. [40 CFR 63.2840, 40 CFR 63.2853, 40 CFR 63.2854, and 40 CFR 63.2855] Federally Enforceable Through Title V Permit
23. The permittee must meet all of the requirements listed in 40 CFR 63.2850(a) and Table 1 of section 63.2850 for sources under normal operation, and the schedules for demonstrating compliance for existing sources under normal operation in Table 2 of section 63.2850. [40 CFR 63.2850(b)] Federally Enforceable Through Title V Permit
24. The permittee must develop and implement a written plan for demonstrating compliance that provides detailed procedures to monitor and record data necessary for demonstrating compliance with 40 CFR 63 Subpart GGGG. If any changes to the plan for demonstrating compliance are made, the permittee must keep all previous versions of the plan and make them readily available for inspection at least 5 years after each revision. The plan for demonstrating compliance must include the items in 40 CFR sections 63.2851(a)(1) - (7). [40 CFR 63.2850(a)(2) and 40 CFR 63.2851(a)] Federally Enforceable Through Title V Permit
25. The permittee must develop a written SSM (Startup, Shutdown, and Malfunction) plan in accordance with 40 CFR 63.6(e)(3) and implement the plan, when applicable. The SSM plan must be completed before the compliance date of the existing source providing detailed procedures for operating and maintaining the source to minimize emissions during a qualifying SSM event for which the source chooses the Sec. 63.2850(e)(2) malfunction period, or the Sec. 63.2850(c)(2) or (d)(2) initial startup period. The SSM plan must specify a program of corrective action for malfunctioning process and air pollution control equipment and reflect the best practices now in use by the industry to minimize emissions. [40 CFR 63.2850(a)(3) and 40 CFR 63.2852] 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.

26. The recordkeeping requirements of section 63.2862 must be satisfied by the compliance date, if the source processes any listed oilseed, as defined in 40 CFR 63.2872. The permittee shall record all the items listed in 40 CFR 63.2862(c)(1)-(3). [40 CFR 63.2850(a)(4) and 40 CFR 63.2862] Federally Enforceable Through Title V Permit
27. The permittee shall record the following items by the end of the calendar month following each operating month: 1) The 12 operating months rolling sum of the actual solvent loss in gallons as described in 40 CFR 63.2853(c); 2) The weighted average volume fraction of HAP in extraction solvent received for the previous 12 operating months as described in 40 CFR 63.2854(b)(3); 3) The 12 operating months rolling sum of each type of listed oilseed processed at the affected source in tons as described in 40 CFR 63.2855(c); 4) A determination of the compliance ratio. Using the values from 40 CFR 63.2853, 63.2854, 63.2855, and Table 1 of Section 63.2840, calculate the compliance ratio using Equation 2 of Sec. 63.2840; and 5) A statement of whether the source is in compliance with all of the requirements of this subpart. [40 CFR 63.2850(a)(4)] Federally Enforceable Through Title V Permit
28. For each SSM event subject to an initial startup period as described in Section 63.2850(c)(2) or (d)(2), or a malfunction period as described in Section 63.2850(e)(2), the permittee shall record the following items by the end of the calendar month following each month in which the initial startup period or malfunction period occurred: 1) A description and date of the SSM event, its duration, and reason it qualifies as an initial startup or malfunction; 2) An estimate of the solvent loss in gallons for the duration of the initial startup or malfunction period with supporting documentation; and 3) A checklist or other mechanism to indicate whether the SSM plan was followed during the initial startup or malfunction period. [40 CFR 63.2850(a)(4)] Federally Enforceable Through Title V Permit
29. Annual compliance certifications must be submitted 12 calendar months after submission of the initial notification of compliance status. Each subsequent annual compliance certification is due 12 calendar months after the previous annual compliance certification. The annual compliance certification provides the compliance status for each operating month during the 12 calendar months period ending 60 days prior to the date on which the report is due and includes the information in 40 CFR 63.2861(a)(1) - (6). [40 CFR 63.2850(a)(5)(i) and 40 CFR 63.2861(a)] Federally Enforceable Through Title V Permit
30. Deviation notification report shall be submitted for each compliance determination made in which the compliance ratio exceeds 1.00 as determined under 40 CFR 63.2840(c). The report shall be submitted by the end of the month following the calendar month in which the deviation occurred. The deviation notification report must include the items in 40 CFR 63.2861(b)(1) - (4). [40 CFR 63.2861(b)(1)-(4) and 40 CFR 63.2861(b)] Federally Enforceable Through Title V Permit
31. A periodic SSM report shall be submitted by the end of the calendar month following each month in which the initial startup period or malfunction period occurred. The periodic SSM report must include: 1) The name, title, and signature of a source's responsible official certifying that the report accurately states that all actions taken during the initial startup or malfunction period were consistent with the SSM plan; 2) A description of events occurring during the time period, the date and duration of the events, and reason the time interval qualifies as an initial startup period or malfunction period; and 3) An estimate of the solvent loss during the initial startup or malfunction period with supporting documentation. [40 CFR 63.2850(a)(5)(ii) and 40 CFR 63.2861(c)] Federally Enforceable Through Title V Permit
32. If the source handle a SSM during an initial startup period subject to 40 CFR 63.2850(c)(2) or (d)(2) or a malfunction period subject to 40 CFR 63.2850(e)(2) differently from procedures in the SSM plan and the relevant emission requirements in 40 CFR 63.2840 are exceeded, then the permittee must submit an immediate SSM report consisting of a telephone call or facsimile transmission to the responsible agency within 2 working days after starting actions inconsistent with the SSM plan, followed by a letter within 7 working days after the end of the event. The letter must include the items listed in 40 CFR 63.2861(d)(1) - (3). [40 CFR 63.2850(a)(5)(iii) and 40 CFR 63.2861(d)] Federally Enforceable Through Title V Permit
33. If the source experiences an unscheduled shutdown as a result of a malfunction, as defined in 40 CFR 63.2, continues to operate during a malfunction (including the period reasonably necessary to correct the malfunction), or starts up after a shutdown resulting from a malfunction, the permittee must choose to comply with one of the options listed in 40 CFR section 63.2850(e)(1)-(2) within 15 days of the beginning date of the malfunction. [40 CFR 63.2850(e)] 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.

34. At the time of each annual source test for VOC, the permittee shall establish the temperature ranges of the outlet gas from the vent condenser, the temperature ranges of the inlet oil to the mineral oil scrubber (MOS), and the temperature ranges of the inlet oil to the mineral oil stripper. Minimum and maximum readings for each parameter shall be established during the annual source test. [40 CFR Part 64] Federally Enforceable Through Title V Permit
35. Every fifteen minute of operation, the permittee shall record the temperature readings and compare the readings with the acceptable range established during the most recent annual source test. Upon detecting any excursion from the acceptable range of readings, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
36. The owner or operator shall operate a monitoring system which is capable of monitoring and recording the mineral oil flowrate, in gallons per minute, through the mineral oil scrubber once every fifteen minutes. The mineral oil flowrate shall be maintained between 8 and 20 gallons per minute. Upon detecting any excursion from the acceptable range of readings, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
37. Devices used to measure temperatures and mineral oil flowrates shall be maintained in accordance with the manufacturer's specifications. [40 CFR Part 64] Federally Enforceable Through Title V Permit
38. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR Part 64.7. [40 CFR Part 64] Federally Enforceable Through Title V Permit
39. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9. [40 CFR Part 64] Federally Enforceable Through Title V Permit
40. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR Part 64.8. [40 CFR Part 64] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-1555-11-10

**EXPIRATION DATE:** 11/30/2016

**EQUIPMENT DESCRIPTION:**

34.8 MMBTU/HR SUPERIOR SEMINOLE MODEL 6C-4000 NATURAL GAS-FIRED OR PROPANE-FIRED BOILER  
EQUIPPED WITH A LOW NOX BURNER SERVED BY A SELECTIVE CATALYTIC REDUCTION SYSTEM

## PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The unit shall only be fired on PUC-regulated natural gas or propane. [District Rule 2201, 4301, 5.2.1, and 40 CFR § 60.42c(d)] Federally Enforceable Through Title V Permit
3. Propane consumption shall not exceed 4,400 gallons per day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Further testing of the equipment as necessary for the determination of compliance with the rule and regulations of the District may be required at any time. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Particulate matter emissions shall not exceed 0.1 grain/dscf at operating conditions, nor 0.1 grain/dscf calculated to 12% CO<sub>2</sub>, nor 10 lb/hr. [District Rule 4201 and District Rule 4301, 5.1 and 5.2.3] Federally Enforceable Through Title V Permit
6. Except during start-up and shutdown, when fired on natural gas, emissions rates from the unit shall not exceed any of the following limits: 6 ppmv NO<sub>x</sub> @ 3% O<sub>2</sub> or 0.007 lb-NO<sub>x</sub>/MMBtu, 0.00285 lb-SO<sub>x</sub>/MMBtu, 0.005 lb-PM<sub>10</sub>/MMBtu, 42 ppmv CO @ 3% O<sub>2</sub> or 0.031 lb-CO/MMBtu, or 0.00067 lb-VOC/MMBtu. [District NSR Rule and District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
7. Except during start-up and shutdown, when fired on propane, emissions rates from the unit shall not exceed any of the following limits: 6 ppmv NO<sub>x</sub> @ 3% O<sub>2</sub> or 0.007 lb-NO<sub>x</sub>/MMBtu, 0.0109 lb-SO<sub>x</sub>/MMBtu, 0.0066 lb-PM<sub>10</sub>/MMBtu, 48 ppmv CO @ 3% O<sub>2</sub> or 0.035 lb-CO/MMBtu, or 0.00139 lb-VOC/MMBtu. [District NSR Rule and District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
8. During start-up and shutdown, when fired on natural gas, emissions from the unit shall not exceed 30 ppmv NO<sub>x</sub> @ 3% O<sub>2</sub> or 0.036 lb-NO<sub>x</sub>/MMBtu, 0.00285 lb-SO<sub>x</sub>/MMBtu, 0.005 lb-PM<sub>10</sub>/MMBtu, 42 ppmv CO @ 3% O<sub>2</sub> or 0.031 lb-CO/MMBtu, or 0.00067 lb-VOC/MMBtu. [District NSR Rule and District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
9. During start-up and shutdown, when fired on propane, emissions from the unit shall not exceed 30 ppmv NO<sub>x</sub> @ 3% O<sub>2</sub> or 0.036 lb-NO<sub>x</sub>/MMBtu, 0.0109 lb-SO<sub>x</sub>/MMBtu, 0.0066 lb-PM<sub>10</sub>/MMBtu, 48 ppmv CO @ 3% O<sub>2</sub> or 0.035 lb-CO/MMBtu, or 0.00139 lb-VOC/MMBtu. [District NSR Rule and District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
10. The total duration of startup and shutdown time combined shall not exceed either of the following limits: 2.0 hours per day or 104 hours per year. [District NSR Rule and District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
11. The ammonia emission rate shall not exceed 10 ppmvd @ 3% O<sub>2</sub> over a 15 minute averaging period. [District Rule 4102]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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



12. The permittee shall monitor and record the stack concentration of NO<sub>x</sub>, CO, NH<sub>3</sub> and O<sub>2</sub> at least once during each month in which source testing is not performed. NO<sub>x</sub>, CO and O<sub>2</sub> monitoring shall be conducted utilizing a portable analyzer that meets District specifications. NH<sub>3</sub> monitoring shall be conducted utilizing Draeger tubes or a District approved equivalent method. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless it has been performed within the last month. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
13. If the NO<sub>x</sub>, CO or NH<sub>3</sub> concentrations, as measured by the portable analyzer and Draeger tubes or the District approved ammonia monitoring equipment, exceed the permitted levels the permittee shall return the emissions to compliant levels as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer or the ammonia monitoring equipment continue to show emission limit violations after 1 hour of operation following detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation that is subject to enforcement action has occurred. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
14. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
15. All NO<sub>x</sub>, CO, O<sub>2</sub> and NH<sub>3</sub> emission readings shall be taken with the unit operating at conditions representative of normal operation or under the conditions specified in the Permit to Operate. The NO<sub>x</sub>, CO and O<sub>2</sub> analyzer as well as the NH<sub>3</sub> emission monitoring equipment shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Analyzer readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
16. NH<sub>3</sub> emission readings shall be conducted at the time the NO<sub>x</sub>, CO and O<sub>2</sub> readings are taken. The readings shall be converted to ppmvd @ 3% O<sub>2</sub>. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
17. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, NH<sub>3</sub> and O<sub>2</sub> measurements, (2) the O<sub>2</sub> concentration in percent by volume and the measured NO<sub>x</sub>, CO and NH<sub>3</sub> concentrations corrected to 3% O<sub>2</sub>, (3) make and model of the portable analyzer, (4) portable analyzer calibration records, (5) the method of determining the NH<sub>3</sub> emission concentration, and (6) a description of any corrective action taken to maintain the emissions at or below the acceptable levels. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
18. Source testing to measure natural gas combustion NO<sub>x</sub>, CO, and NH<sub>3</sub> emissions from this unit shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests when unit is fired on natural gas, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District NSR Rule and District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
19. The District shall be notified upon initial usage of propane fuel. The initial source test for propane shall be conducted within 60 days of initial start-up and to determine compliance with NO<sub>x</sub>, CO, VOC, PM<sub>10</sub>, SO<sub>x</sub>, and NH<sub>3</sub> emission limits in this permit. [District NSR Rule and District Rules 4102, 4305, 4306, and 4320] 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.

20. Source testing to measure propane combustion NO<sub>x</sub>, CO, and NH<sub>3</sub> emissions shall be required when propane usage exceeds 100 hours during the previous 12 months from the date of the proposed source test. After demonstrating compliance on two (2) consecutive annual source tests when unit is fired on propane, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District NSR Rule and District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
21. The source plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
22. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
23. NO<sub>x</sub> emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
24. CO emissions for source test purposes shall be determined using EPA Method 10 or EPA Method 100. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
25. Stack gas oxygen (O<sub>2</sub>) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
26. Source testing for ammonia slip shall be conducted utilizing BAAQMD method ST-1B. [District Rule 1081] Federally Enforceable Through Title V Permit
27. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
28. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
29. Daily and annual records of natural gas, and propane usage shall be kept. [District NSR Rule and District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
30. Operator shall record all dates on which the unit is fired on any fuel other than PUC-regulated natural gas. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
31. Daily and annual records of start-up and shutdown durations and number of occurrences of each shall be kept. [District NSR Rule and District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
32. 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 1070, 2520, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
33. Permittee shall submit an analysis showing the fuel's sulfur content at least once every year. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contacts may be used to satisfy this requirement, provided they establish the fuel parameters mentioned above. [District Rule 4320] Federally Enforceable Through Title V Permit

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

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# ATTACHMENT C

Detailed Summary List of Facility Permits

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Sorted by Facility Name and Permit Number

J G BOSWELL COMPANY OIL MILL		FAC # C 1555		TYPE: TitleV		EXPIRE ON: 11/30/2016	
710 BAINUM AVE		STATUS: A		TOXIC ID: 51128		AREA: 2/	
CORCORAN, CA 93212		TELEPHONE: 2099922141				INSP. DATE: 05/18	

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
C-1555-2-6	825 HP DECORTICATION PROCESS	3020-01 G	1	893.00	893.00	A	825 HP DECORTICATION OPERATION INCLUDING FOUR DECORTICATORSEPARATORS, FOUR HULL BEATERS, ONE SCALPER, AND NINE 1D-3D CYCLONES VENTED TO ONE CONTINENTAL AIR SYSTEMS MODEL 10-7 OUTR-A-VAC ROTARY FILTER.
C-1555-3-7	2,940 Electric HP	3020-01 H	1	1,128.00	1,128.00	A	COMPLIANT DORMANT LINT REMOVAL PROCESS INCLUDING 2 (1D-2D) CYCLONE CLEANERS/RECLAIMERS, 19 (2D-2D) CYCLONE LINERS, HULL BEATERS AND RECLAIMERS, AND 13 (1D-3D) CYCLONE CLEANERS/COLLECTORS (2,940 TOTAL HP)
C-1555-4-1	17.23 MMBTU/HR DIXON BOILER	3020-02 H	1	1,128.00	1,128.00	D	17.23 MMBTU/HR DIXON MODEL WW-10 BOILER, 500 HP, SN 10575, FIRED ON NATURAL GAS WITH #2 DIESEL FUEL OIL BACKUP - DELETED PER 4/9/97 LETTER BY HUH
C-1555-5-0	2,940 HP LINT REMOVAL PROCESS	3020-01 H	1	1,128.00	1,128.00	D	2,940 HP LINT REMOVAL PROCESS SERVED BY TWELVE 42" 1D-3D CLEANER AND FOUR 32" 1D-3D ROCK TRAP CYCLONE COLLECTORS. *** DUPLICATE OF PERMIT C-1555-3-0 ****
C-1555-6-7	1,300 HP MEAL HANDLING PLANT	3020-01 G	1	893.00	893.00	A	1,300 HP MEAL HANDLING PLANT SERVED BY TWELVE 2D-2D CYCLONE COLLECTORS AND TWO BAGHOUSES.
C-1555-7-10	2,169.5 electrical horsepower	3020-01 H	1	1,128.00	1,128.00	A	PREPARATION PROCESS UNIT WITH 126" CROWN IRON WORKS REDUCER, EXPANDERS, TWO (2) ROSKAMP 28X52 FLAKING MILLS, ONE (1) FERREL ROSS 24X48 HYD FLAKING MILL, ONE (1) KRUPPS EXPELLER, MECHANICAL AND PNEUMATIC TRANSFER SYSTEMS SERVED BY THREE (3) 36" 1D-3D CYCLONE COLLECTORS, ONE SEED BLEACHER, AND TWO BAG DUMPING UNITS SERVED BY A MAC FILTER UNIT
C-1555-8-12	713 hp Vegetable Oil Refinery	3020-01 F	1	666.00	666.00	A	VEGETABLE OIL SOLVENT PLANT/REFINERY WITH CROWN IRON WORKS COMPANY EQUIPMENT INCLUDING A CROWN SERIES 900 EXTRACTOR, EVAPORATORS, A DESOLVENTIZER/TOASTER, ASSOCIATED EQUIPMENT SERVED BY THREE 30" 2D-2D CYCLONES AND TWO 6,500 GALLON SKIMMER/AERATION TANKS, ONE 10,000 GALLON WASTE WATER STORAGE TANK, FOUR SUMPS, AND ONE 30,000 GALLON EQUALIZATION TANK AND ONE BAG DUMPING UNIT SERVED BY A MAC FILTER UNIT
C-1555-10-0	VEGETABLE OIL BLEACHING PLANT	3020-01 A	1	97.00	97.00	D	*** IGNORE ENTRY... BLEACHING PROCESS PART OF C-155-8-1 ***
C-1555-11-10	34,800 KBTU/hr	3020-02 H	1	1,128.00	1,128.00	A	34.8 MMBTU/HR SUPERIOR SEMINOLE MODEL 6C-4000 NATURAL GAS-FIRED OR PROPANE-FIRED BOILER EQUIPPED WITH A LOW NOX BURNER SERVED BY A SELECTIVE CATALYTIC REDUCTION SYSTEM
C-1555-12-0	15 HP SOIL VAPOR EXTRACTION	3020-01 A	1	97.00	97.00	D	15 HP SOIL HYDROCARBON VAPOR EXTRACTION EQUIPMENT WITH THREADED SCHEDULE 40 PVC (OR EQUAL) WELL HEADS ON MONITORING WELL 4, 5, AND 6, AND A ROTRON MODEL DR12 BLOWER TO ROUTE EXTRACTED VAPORS TO BOILER, C-1555-11.

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# ATTACHMENT D

## Facility Comments and District Responses

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## FACILITY COMMENTS AND DISTRICT RESPONSES

The District has carefully reviewed comments received by Mr. Dennis Tristao on June 2, 2017 on behalf of J. G. Boswell Company Oil Mill. The facility made the following comments in response to the preliminary notice of Title V renewal.

1. **Facility Comment:** The mineral oil scrubber is not an add-on, but an “integral” part of the vegetable oil refinery process. The facility was constructed incorporating the mineral oil scrubber within the designed operation, processing vegetable oil with the solvent extraction plant cannot occur without the mineral oil scrubber in operation. Crown Iron Works, the manufacturer of the system can confirm this. Our understanding is that the SJVAPCD was in agreement that the mineral oil scrubber is not an add-on unit, since pre-control potential to emit calculations were not included as part of the previous 2011 Public Notice Packet. Pursuant to our conversation, we do not request that any monitoring conditions be removed from the permit relating to compliance assurance monitoring.

**District Response:** In Title V Renewal Project # C-1020703, finalized November 17, 2003, the mineral oil scrubber was considered as an add-on control for VOC emissions control. After review of the facility records on file and consulting with Crown Iron Works the District has determined that the mineral oil scrubber is an integral part of the operation and does not consider it to be add-on control equipment. Permit unit C-1555-8 has a VOC emissions limit but does not have any add-on equipment for VOC control. Therefore, this unit is not subject to Compliance Assurance Monitoring (CAM) but as requested conditions #34-40 will not be removed from the permit.

2. **Facility Comment:** A previous emission analysis submitted to the Federal EPA had calculated the pre-project potential to emit using the current emission limitation of 2,156 lbs-VOC/day. Our understanding is that if the control device is incorporated and necessary for the operation of the emission unit, the pre-control potential to emit should be equal to the potential to emit.

**District Response:** The District concurs. The unit’s potential to emit and pre-control emissions are considered to be equal to 2,156 lb-VOC/day. Since this unit does not have any add-on controls for VOC emissions it is not subject to CAM, however, as requested, CAM conditions #34-40 will remain on permit C-1555-8.