



JUN 13 2013

Mr. David Bryson
Rainbow Farms
PO Box 910
Turlock, CA 95381

**Re: Notice of Preliminary Decision - Federally Mandated Operating Permit
District Facility # N-5526
Project # N-1130808**

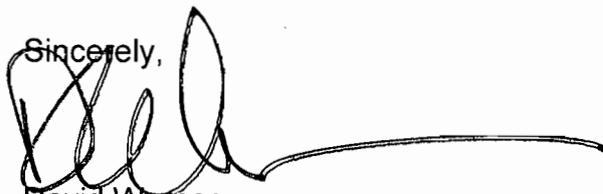
Dear Mr. Bryson:

Enclosed for your review is the District's analysis of Rainbow Farms' application for the Federally Mandated Operating Permit for its operation at 1220 Hall Rd, Denair, California.

The notice of preliminary decision for this project will be published approximately three days from the date of this letter. After addressing all comments made during the 30-day public notice and the 45-day EPA comment periods, the District intends to issue the Federally Mandated Operating Permit. Please submit your written comments on this project within the 30-day public comment period, as specified in the enclosed public notice.

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

Sincerely,



David Warner
Director of Permit Services

Enclosures

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

Seyed Sadredin
Executive Director/Air Pollution Control Officer

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

Central Region (Main Office)
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Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585

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

NOTICE IS HEREBY GIVEN that the San Joaquin Valley Air Pollution Control District solicits public comment on the proposed issuance of the Federally Mandated Operating permits to Rainbow Farms at 1220 Hall Rd, Denair, California.

The District's analysis of the legal and factual basis for this proposed action, project #N-1130808, is available for public inspection at http://www.valleyair.org/notices/public_notices_idx.htm and at any District office. There are no emission changes associated with this proposed action. This will be the public's only opportunity to comment on the specific conditions of the proposed Federally Mandated Operating initial permits. If requested, the District will hold a public hearing regarding issuance of this initial permit. For additional information, please contact the District at (559) 230-6000. Written comments on the proposed initial permit must be submitted by July 18, 2013 to **DAVID WARNER, DIRECTOR OF PERMIT SERVICES, SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, 1990 EAST GETTYSBURG AVENUE, FRESNO, CA 93726.**

SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT

RAINBOW FARMS

DRAFT ENGINEERING EVALUATION

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ATTACHMENT A – DETAILED FACILITY PRINTOUT
ATTACHMENT B – SJVUAPCD PERMITS

TITLE V APPLICATION REVIEW

Project #: N-1130808
Deemed Complete: March 21, 2013

Engineer: Juscelino Siongco
Date: May 1, 2013

Facility Number: N-5526
Facility Name: Rainbow Farms
Mailing Address: PO Box 910
Turlock, CA 95381

Contact Name: David Bryson
Phone: (209) 669-5500

Responsible Official: David Bryson
Title: Production Manager

I. PROPOSAL

Rainbow Farms is proposing that an initial Title V permit be issued for its confined animal feeding operation at 1220 Hall Rd, Denair, CA. The purpose of this evaluation is to identify all applicable requirements, determine if the facility will comply with those applicable requirements, and to provide the legal and factual basis for proposed permit conditions.

II. FACILITY LOCATION

Rainbow Farms is located at 1220 Hall Rd, Denair, in Stanislaus County, CA.

III. EQUIPMENT LISTING

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

IV. GENERAL PERMIT TEMPLATE USAGE

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

V. SCOPE OF EPA AND PUBLIC REVIEW

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

VI. REQUIREMENTS ADDRESSED BY GENERAL PERMIT TEMPLATES

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

VII. REQUIREMENTS NOT ADDRESSED BY GENERAL PERMIT TEMPLATES

District Rule 1070, Inspections (Amended December 17, 1992) (Non-SIP replacement for Stanislaus County Rule 107)

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

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

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

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

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

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

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

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

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

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

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

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

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

District Rule 4302, Incinerator Burning (Amended December 16, 1993)

District Rule 4550, Conservation Management Practices (Re-adopted August 19, 2004)

District Rule 4565, Biosolids, Animal Manure, and Poultry Litter Operation (Adopted March 15, 2007)

District Rule 4570, Confined Animal Facilities (Amended October 21, 2010)

- District Rule 4601, Architectural Coatings (Amended December 17, 2009)
- District Rule 4621, Gasoline Transfer into Stationary Storage Containers, Delivery Vessels, and Bulk Plants (Amended December 20, 2007)
- District Rule 4622, Gasoline Transfer into Motor Vehicle Fuel Tanks (Amended December 20, 2007)
- District Rule 4701, Internal Combustion Engines – Phase 1 (Amended August 21, 2003)
- District Rule 4702, Internal Combustion Engines (Amended August 18, 2011)
- District Rule 4801, Sulfur Compounds (Amended December 17, 1992) (Non-SIP replacement for Stanislaus County Rule 407)
- District Rule 8011, General Requirements (Amended August 19, 2004)
- District Rule 8021, Construction, Demolition, Excavation, and Other Earthmoving Activities (Amended August 19, 2004)
- District Rule 8031, Bulk Materials (Amended August 19, 2004)
- District Rule 8041, Carryout and Trackout (Amended August 19, 2004)
- District Rule 8051, Open Areas (Amended August 19, 2004)
- District Rule 8061, Paved and Unpaved Roads (Amended August 19, 2004)
- District Rule 8071, Unpaved Vehicle/Equipment Traffic Areas (Amended September 16, 2004)
- District Rule 8081, Agricultural Sources (Amended September 16, 2004)
- 40 CFR Part 60, Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
- 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos
- 40 CFR Part 63, Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
- 40 CFR Part 64, Compliance Assurance Monitoring (CAM)
- 40 CFR Part 82, Subpart B and F, Stratospheric Ozone

VIII. REQUIREMENTS NOT FEDERALLY ENFORCEABLE

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

This facility is subject to the following District-only requirements that are not currently federally enforceable:

District Rule 4102 – Nuisance

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

a. N-5526-0-1 – Facility-Wide Requirements

- Condition 40 on the proposed permit complies with this rule.

b. N-5526-26-1: 157 bhp Perkins Model 1104D-E44TAG2 Tier 3 Certified Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator

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

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

The Air Toxic Control Measure (ATCM) is a rule under the California Code of Regulations (CCR) which is the official compilation and publication of the regulations adopted, amended or repealed by state agencies. The purpose of this rule is to reduce diesel particulate matter (PM) and criteria pollutant emissions from stationary diesel-fueled compression ignition engines.

a. N-5526-4-1: 234 bhp Caterpillar Model 3306D1 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Pepper)

- Conditions 3 and 8 on the requirements for this permit unit comply with this rule.

b. N-5526-6-1: 147 bhp Deutz Model 1013FC Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Cortez)

- Conditions 3 and 8 on the requirements for this permit unit comply with this rule.

c. N-5526-7-1: 1,839 bhp Caterpillar Model 3306DI Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Hall)

- Conditions 3 and 8 on the requirements for this permit unit comply with this rule.

- d. N-5526-9-1: 450 bhp General Motors Model W-LS-TT Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Shasta)
 - Conditions 3 and 8 on the requirements for this permit unit comply with this rule.
- e. N-5526-10-1: 450 bhp Detroit Model 12V71 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Sierra)
 - Conditions 3 and 8 on the requirements for this permit unit comply with this rule.
- f. N-5526-11-1: 450 bhp General Motors Model 400-600 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Tahoe)
 - Conditions 3 and 8 on the requirements for this permit unit comply with this rule.
- g. N-5526-12-1: 450 bhp Daewoo Model P180LE(G) Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Vegas)
 - Conditions 3 and 8 on the requirements for this permit unit comply with this rule.
- h. N-5526-13-1: 300 bhp General Motors Model 500-600 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Yosemite)
 - Conditions 3 and 8 on the requirements for this permit unit comply with this rule.
- i. N-5526-19-1: 490 bhp Detroit Diesel Model 606MK35 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator
 - Conditions 3 and 8 on the requirements for this permit unit comply with this rule.
- j. N-5526-26-1: 157 bhp Perkins Model 1104D-E44TAG2 Tier 3 Certified Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator
 - Conditions 4 through 7 and 12 through 15 on the requirements for this permit unit comply with this rule.

Public Resources Code 21000-21177: California Environmental Quality Act

The California Environmental Quality Act (CEQA) is California's broadest environmental law. CEQA helps to guide the Department during issuance of permits and approval of projects. CEQA applies to all discretionary projects proposed to be conducted or approved by a California public agency, including private projects requiring discretionary government approval.

N-5526-0-1: Facility-Wide Requirements

- Condition 42 on the requirements for this permit unit complies with this rule.

IX. COMPLIANCE

A. Requirements Addressed by Model General Permit Templates

1. Facility Wide Requirements

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

B. Requirements Not Addressed by Model General Permit Templates

1. District Rule 1070 – Inspections

The purpose of this rule is to explain the District's authority in determining compliance with the requirements of these rules and regulations. District Rule 1070 has been submitted to the EPA to replace Stanislaus County Rule 107 that is in the State Implementation Plan (SIP). District Rule 1070 is at least as stringent as Stanislaus County 107 as shown in the following comparison:

Comparison of District Rule 1070 to Stanislaus County Rule 107

REQUIREMENTS	District Rule 1070	Stanislaus Rule 107
Inspections shall be made by the enforcement agency for the purpose of obtaining information necessary to determine whether air pollution sources are in compliance with applicable rules and regulations.	X	X
The District also has the authority to require record keeping, to make inspections and to conduct tests of air pollution sources.	X	X

- a. N-5526-20-1: 0.4 MMBtu/hr Chore-Time Model A600 Diesel-Fired Poultry Incinerator with 0.09 MMBtu/hr Afterburner
 - Condition 6 on the requirements for this permit unit complies with this rule.
- b. N-5526-21-1: 0.4 MMBtu/hr Chore-Time Model A600 Diesel-Fired Poultry Incinerator with 0.09 MMBtu/hr Afterburner
 - Condition 6 on the requirements for this permit unit complies with this rule.
- c. N-5526-23-1: Organic Waste Material Receiving, Storage, and Mixing Operation
 - Conditions 7 and 15 on the requirements for this permit unit comply with this rule.
- d. N-5526-24-1: Open Windrow Active and Curing Phase Co-Composting Operation
 - Conditions 7 and 17 on the requirements for this permit unit comply with this rule.
- e. N-5526-25-1: Finished Compost Storage and Loadout Operation
 - Condition 9 on the requirements for this permit unit complies with this rule.

2. District Rule 1100 – Equipment Breakdown

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

Comparison of District Rule 1100 to Stanislaus County Rule 110

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

N-5526-0-1: Facility-Wide Requirements

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

3. District Rule 1160 – Emission Statements

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

N-5526-0-1: Facility-Wide Requirements

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

4. District Rule 2010 – Permits Required

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

N-5526-0-1: Facility-Wide Requirements

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

5. District Rule 2020 – Exemptions

District Rule 2020 lists equipment which is specifically exempt from obtaining permits and specifies recordkeeping requirements to verify such exemptions.

N-5526-0-1: Facility-Wide Requirements

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

6. District Rule 2031 – Transfer of Permits

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

N-5526-0-1: Facility-Wide Requirements

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

7. District Rule 2040 – Applications

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

N-5526-0-1: Facility-Wide Requirements

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

8. District Rule 2070 – Standards for Granting Applications

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

N-5526-0-1: Facility-Wide Requirements

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

9. District Rule 2080 – Conditional Approval

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

N-5526-0-1: Facility-Wide Requirements

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

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

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

- a. N-5526-1-4: Laying Hen Ranch Including 1,786,000 Layers Consisting of 23 Mechanically Ventilated Layer Houses Including Electric Fans Totaling 624 hp
- Conditions 1 and 2 from the current PTO have been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as conditions 38 and 39.
 - Conditions 3 through 12 from the current PTO have been included as conditions 1 through 10 on the requirements for the proposed permit.
 - Condition 13 from the current PTO has been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as condition 42.
- b. N-5526-2-3: Solid Manure Handling System Consisting of Open Manure Stock Piles with Solid Manure Application to Land, Offsite Hauling, and On-Site Composting
- Conditions 1 and 2 from the current PTO have been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as conditions 38 and 39.
 - Conditions 3 through 8 from the current PTO have been included as conditions 1 through 6 on the requirements for the proposed permit.
 - Condition 9 from the current PTO has been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as condition 42.
- c. N-5526-4-1: 234 bhp Caterpillar Model 3306D1 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Pepper)
- Conditions 1, 2, 3, and 4 from the current PTO have been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as conditions 38, 39, 42, and 40, respectively.
 - Condition 5 from the current PTO has been included as condition 1 on the requirements for the proposed permit.
 - Condition 6 from the current PTO has been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as condition 20.
 - Conditions 7 through 16 from the current PTO have been included as conditions 2 through 11 on the requirements for the proposed permit.

- d. N-5526-6-1: 147 bhp Deutz Model 1013FC Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Cortez)
- Conditions 1, 2, 3, and 4 from the current PTO have been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as conditions 38, 39, 42, and 40, respectively.
 - Condition 5 from the current PTO has been included as condition 1 on the requirements for the proposed permit.
 - Condition 6 from the current PTO has been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as condition 20.
 - Conditions 7 through 16 from the current PTO have been included as conditions 2 through 11 on the requirements for the proposed permit.
- e. N-5526-7-1: 1,839 bhp Caterpillar Model 3306DI Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Hall)
- Conditions 1, 2, 3, and 4 from the current PTO have been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as conditions 38, 39, 42, and 40, respectively.
 - Condition 5 from the current PTO has been included as condition 1 on the requirements for the proposed permit.
 - Condition 6 from the current PTO has been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as condition 20.
 - Conditions 7 through 16 from the current PTO have been included as conditions 2 through 11 on the requirements for the proposed permit.
- f. N-5526-9-1: 450 bhp General Motors Model W-LS-TT Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Shasta)
- Conditions 1, 2, 3, and 4 from the current PTO have been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as conditions 38, 39, 42, and 40, respectively.
 - Condition 5 from the current PTO has been included as condition 1 on the requirements for the proposed permit.
 - Condition 6 from the current PTO has been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as condition 20.
 - Conditions 7 through 16 from the current PTO have been included as conditions 2 through 11 on the requirements for the proposed permit.

- g. N-5526-10-1: 450 bhp Detroit Model 12V71 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Sierra)
- Conditions 1, 2, 3, and 4 from the current PTO have been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as conditions 38, 39, 42, and 40, respectively.
 - Condition 5 from the current PTO has been included as condition 1 on the requirements for the proposed permit.
 - Condition 6 from the current PTO has been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as condition 20.
 - Conditions 7 through 16 from the current PTO have been included as conditions 2 through 11 on the requirements for the proposed permit.
- h. N-5526-11-1: 450 bhp General Motors Model 400-600 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Tahoe)
- Conditions 1, 2, 3, and 4 from the current PTO have been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as conditions 38, 39, 42, and 40, respectively.
 - Condition 5 from the current PTO has been included as condition 1 on the requirements for the proposed permit.
 - Condition 6 from the current PTO has been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as condition 20.
 - Conditions 7 through 16 from the current PTO have been included as conditions 2 through 11 on the requirements for the proposed permit.
- i. N-5526-12-1: 450 bhp Daewoo Model P180LE(G) Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Vegas)
- Conditions 1, 2, 3, and 4 from the current PTO have been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as conditions 38, 39, 20, and 40, respectively.
 - Conditions 5, 6, and 7 from the current PTO have been included as conditions 1, 2, and 3 on the requirements for the proposed permit.
 - Condition 8 from the current PTO has been removed and not included as a condition on the requirements for the proposed permit. The condition is extraneous since the facility uses CARB certified fuel exclusively and maintains purchase record.

- Conditions 9 through 16 from the current PTO have been included as conditions 4 through 11 on the requirements for the proposed permit.
- j. N-5526-13-1: 300 bhp General Motors Model 500-600 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Yosemite)
- Conditions 1, 2, 3, and 4 from the current PTO have been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as conditions 38, 39, 42, and 40, respectively.
 - Condition 5 from the current PTO has been included as condition 1 on the requirements for the proposed permit.
 - Condition 6 from the current PTO has been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as condition 20.
 - Conditions 7 through 16 from the current PTO have been included as conditions 2 through 11 on the requirements for the proposed permit.
- k. N-5526-14-1: Agricultural Gasoline Dispensing Operation with One 1,000 Gallon Aboveground Storage Tank Served by Two-Point Phase I Vapor Recovery System (G-70-142-B), and 1 Fueling Point with 1 Phase II Exempt Gasoline Dispensing Nozzle
- Conditions 1 and 2 from the current PTO have been included as conditions 1 and 2 on the requirements for the proposed permit.
 - Condition 3 from the current PTO has been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as condition 40.
 - Conditions 4 through 17 from the current PTO have been included as conditions 3 through 16 on the requirements for the proposed permit.
- l. N-5526-17-1: 0.28 MMBtu/hr R&K Burn-Easy Model 367 Diesel-Fired Poultry Incinerator with 0.189 MMBtu/hr Afterburner
- Conditions 1 and 2 from the current PTO have been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as conditions 40 and 20, respectively.
 - Conditions 3, 4, and 5 from the current PTO have been included as conditions 1, 2, and 3 on the requirements for the proposed permit.

- m. N-5526-18-1: 0.28 MMBtu/hr R&K Burn-Easy Model 367 Diesel-Fired Poultry Incinerator with 0.189 MMBtu/hr Afterburner
- Conditions 1 and 2 from the current PTO have been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as conditions 40 and 20, respectively.
 - Conditions 3, 4, and 5 from the current PTO have been included as conditions 1, 2, and 3 on the requirements for the proposed permit.
- n. N-5526-19-1: 490 bhp Detroit Diesel Model 606MK35 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator
- Conditions 1, 2, 3, and 4 from the current PTO have been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as conditions 38, 39, 42, and 40, respectively.
 - Condition 5 from the current PTO has been included as condition 1 on the requirements for the proposed permit.
 - Condition 6 from the current PTO has been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as condition 20.
 - Conditions 7 through 16 from the current PTO have been included as conditions 2 through 11 on the requirements for the proposed permit.
- o. N-5526-20-1: 0.4 MMBtu/hr Chore-Time Model A600 Diesel-Fired Poultry Incinerator with 0.09 MMBtu/hr Afterburner
- Conditions 1 and 2 from the current PTO have been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as conditions 40 and 20, respectively.
 - Conditions 3 through 8 from the current PTO have been included as conditions 1 through 6 on the requirements for the proposed permit.
- p. N-5526-21-1: 0.4 MMBtu/hr Chore-Time Model A600 Diesel-Fired Poultry Incinerator with 0.09 MMBtu/hr Afterburner
- Conditions 1 and 2 from the current PTO have been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as conditions 40 and 20, respectively.
 - Conditions 3 through 8 from the current PTO have been included as conditions 1 through 6 on the requirements for the proposed permit.

- q. N-5526-23-1: Organic Waste Material Receiving, Storage, and Mixing Operation
- Conditions 1 and 2 from the current PTO have been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as conditions 40 and 20, respectively.
 - Conditions 3 through 15 from the current PTO have been included as conditions 1 through 5 and 7 through 14 on the requirements for the proposed permit.
 - Condition 16 from the current PTO has been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as condition 42.
 - Condition 17 from the current PTO has been included as condition 15 on the requirements for the proposed permit.
- r. N-5526-24-1: Open Windrow Active and Curing Phase Co-Composting Operation
- Conditions 1 and 2 from the current PTO have been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as conditions 40 and 20, respectively.
 - Conditions 3 through 18 from the current PTO have been included as conditions 1 through 16 on the requirements for the proposed permit.
 - Condition 19 from the current PTO has been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as condition 42.
 - Condition 20 from the current PTO has been included as condition 17 on the requirements for the proposed permit.
- s. N-5526-25-1: Finished Compost Storage and Loadout Operation
- Conditions 1 and 2 from the current PTO have been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as conditions 40 and 20, respectively.
 - Conditions 3 through 10 from the current PTO have been included as conditions 1 through 8 on the requirements for the proposed permit.
 - Condition 11 from the current PTO has been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as condition 42.
 - Condition 12 from the current PTO has been included as condition 9 on the requirements for the proposed permit.

- t. N-5526-26-1: 157 bhp Perkins Model 1104D-E44TAG2 Tier 3 Certified Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator
- Conditions 1, 2, 4, and 5 from the current PTO have been removed and transferred to the Facility-Wide Requirements, N-5526-0-1, as conditions 38, 39, 20, and 40, respectively.
 - Condition 3 from the current PTO has been included as condition 1 on the requirements for the proposed permit.
 - Conditions 6 through 19 from the current PTO have been included as conditions 2 through 15 on the requirements for the proposed permit.

11. District Rule 2410 – Prevention of Significant Deterioration

The prevention of significant deterioration (PSD) program is a construction permitting program for new major stationary sources and major modifications to existing major stationary sources located in areas classified as attainment or in areas that are unclassifiable for any criteria air pollutant. The provisions of this rule apply to any source and the owner or operator of any source subject to any requirement under Title 40 Code of Federal Regulations (40 CFR) Part 52.21 as incorporated into this rule.

There are no PSD requirements for this source. Therefore, the facility is not subject to this rule and no further discussion is required.

12. District Rule 2520 – Federally Mandated Operating Permits

The purpose of this rule is to provide for the following: An administrative mechanism for issuing operating permits for new and modified sources of air contaminants in accordance with requirements of 40 CFR Part 70. An administrative mechanism for issuing renewed operating permits for sources of air contaminants in accordance with requirements of 40 CFR Part 70. An administrative mechanism for revising, reopening, revoking, and terminating operating permits for sources of air contaminants in accordance with requirements of 40 CFR Part 70. An administrative mechanism for incorporating requirements authorized by preconstruction permits issued under District Rule 2201 (New and Modified Stationary Source Review) in a Part 70 permit as administrative amendments, provided that such permits meet procedural requirements substantially equivalent to the requirements of 40 CFR 70.7 and 70.8, and compliance requirements substantially equivalent to those contained in 40 CFR 70.6. The applicable federal and local requirements to appear on a single permit.

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

N-5526-0-1: Facility-Wide Requirements

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

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

N-5526-0-1: Facility-Wide Requirements

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

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

N-5526-0-1: Facility-Wide Requirements

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

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

N-5526-0-1: Facility-Wide Requirements

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

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

N-5526-0-1: Facility-Wide Requirements

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

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

N-5526-0-1: Facility-Wide Requirements

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

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

N-5526-0-1: Facility-Wide Requirements

- Condition 24 on the requirements for the proposed permit complies with this rule.

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

N-5526-0-1: Facility-Wide Requirements

- Conditions 18, 19, 38, and 39 on the requirements for the proposed permit comply with this rule.

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

N-5526-0-1: Facility-Wide Requirements

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

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

N-5526-0-1: Facility-Wide Requirements

- Condition 24 on the requirements for the proposed permit complies with this rule.

Greenhouse Gas Requirements

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

13. District Rule 4101 – Visible Emissions

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

N-5526-0-1: Facility-Wide Requirements

- Condition 20 on the requirements for the proposed permit complies with this rule.

14. District Rule 4201 – Particulate Matter Concentration

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

Diesel-Fired IC Engines:

For diesel-fired emergency standby IC engines, the results from source tests of the engines generally indicate emission rates from these units are less than the allowable limit of 0.1 grain/dscf. Of the tests available, most

were in the range of 0.042 to 0.061 grain/dscf, with a low of 0.020 grain/dscf, and a high of 0.092 grain/dscf. However, although the above testing is sufficient to assume that IC engines comply with the 0.1 grain/dscf limit, the data is insufficient to prove compliance in all cases. There is an exemption from source testing for "Nonutility distillate-oil-fueled emergency piston-type IC engines." Per the CAPCOA/CARB/EPA IX Title V Periodic Monitoring Recommendations memo, dated July 2001, the District's grain loading limit of 0.1 grain/dscf does not need to be source tested as long as the following conditions are required in the Permit to Operate:

- 1) Engine usage is limited to maintenance, testing, and time of actual unforeseen emergencies.
 - 2) Usage for maintenance and testing is not to exceed 200 hours per year (the emergency standby diesel-fired engines in this facility are limited to less than or equal to 100 hours per year for maintenance and testing).
 - 3) Maintain records of all engine usage and maintenance.
- a. N-5526-4-1: 234 bhp Caterpillar Model 3306D1 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Pepper)
 - Conditions 1, 7, and 8 on the requirements for this permit unit comply with this rule.
 - b. N-5526-6-1: 147 bhp Deutz Model 1013FC Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Cortez)
 - Conditions 1, 7, and 8 on the requirements for this permit unit comply with this rule.
 - c. N-5526-7-1: 1,839 bhp Caterpillar Model 3306DI Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Hall)
 - Conditions 1, 7, and 8 on the requirements for this permit unit comply with this rule.
 - d. N-5526-9-1: 450 bhp General Motors Model W-LS-TT Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Shasta)
 - Conditions 1, 7, and 8 on the requirements for this permit unit comply with this rule.

- e. N-5526-10-1: 450 bhp Detroit Model 12V71 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Sierra)
 - Conditions 1, 7, and 8 on the requirements for this permit unit comply with this rule.
- f. N-5526-11-1: 450 bhp General Motors Model 400-600 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Tahoe)
 - Conditions 1, 7, and 8 on the requirements for this permit unit comply with this rule.
- g. N-5526-12-1: 450 bhp Daewoo Model P180LE(G) Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Vegas)
 - Conditions 1, 7, and 8 on the requirements for this permit unit comply with this rule.
- h. N-5526-13-1: 300 bhp General Motors Model 500-600 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Yosemite)
 - Conditions 1, 7, and 8 on the requirements for this permit unit comply with this rule.
- i. N-5526-19-1: 490 bhp Detroit Diesel Model 606MK35 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator
 - Conditions 1, 7, and 8 on the requirements for this permit unit comply with this rule.
- j. N-5526-26-1: 157 bhp Perkins Model 1104D-E44TAG2 Tier 3 Certified Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator
 - Conditions 1, 12, and 13 on the requirements for this permit unit comply with this rule.

Diesel-Fired Poultry Incinerators:

On May 17, 2000, Environmental Services Company conducted air emissions testing at the request of R & K Incinerator Company on a diesel-fired R & K incinerator model 367 located in Eldon, Missouri. The

emissions testing for particulate concentration (PM) resulted in an average 0.0168 grains/dscf from three test runs. Therefore, the poultry incinerators in this facility comply with the rule.

- a. N-5526-17-1: 0.28 MMBtu/hr R&K Burn-Easy Model 367 Diesel-Fired Poultry Incinerator with 0.189 MMBtu/hr Afterburner
 - Condition 1 on the requirements for this permit unit complies with this rule.
- b. N-5526-18-1: 0.28 MMBtu/hr R&K Burn-Easy Model 367 Diesel-Fired Poultry Incinerator with 0.189 MMBtu/hr Afterburner
 - Condition 1 on the requirements for this permit unit complies with this rule.
- c. N-5526-20-1: 0.4 MMBtu/hr Chore-Time Model A600 Diesel-Fired Poultry Incinerator with 0.09 MMBtu/hr Afterburner
 - Condition 1 on the requirements for this permit unit complies with this rule.
- d. N-5526-21-1: 0.4 MMBtu/hr Chore-Time Model A600 Diesel-Fired Poultry Incinerator with 0.09 MMBtu/hr Afterburner
 - Condition 1 on the requirements for this permit unit complies with this rule.

15. District Rule 4550 – Conservation Management Practices

The purpose of this rule is to limit fugitive dust emissions from agricultural operations sites. The rule applies to agricultural operation sites located within the San Joaquin Valley Air Basin.

§5.0 Requirements

§5.1 Effective on and after July 1, 2004, an owner/operator shall implement the applicable CMPs selected pursuant to Section 6.2 for each agricultural operation site.

§5.2 An owner/operator shall prepare and submit a CMP Application for each agricultural operation site, pursuant to Section 6.0, to the APCO for approval. A CMP Application approved by the APCO shall constitute a CMP Plan.

§5.3 Except as provided by Section 5.4, an owner/operator shall implement the CMPs as contained in the CMP Plan approved pursuant to Section 6.0 for each agricultural operation site no later than ten (10) days after notification by the APCO of the approval of the CMP Application.

§6.2, an owner/operator shall select one CMP from the CMP list for each of the applicable CMP categories.

§6.2.3, an owner/operator may select a substitute CMP from another CMP category when no feasible CMP can be identified from one category. This provision does not apply for the unpaved road, and unpaved vehicle/equipment traffic area CMP categories.

§6.3, an owner/operator shall submit a CMP Application, prepared pursuant to Section 6.1, to the APCO: 1) within 90 days for an agricultural operation site or an agricultural parcel that is acquired or becomes subject to the provisions of Section 5.0 after October 31, 2004, 2) within 60 days of any operational, administrative, or other modification that necessitates the revision of the CMP Plan.

§6.5.1, an owner/operator subject to Section 5.0 shall maintain a copy of each CMP application, CMP plan, and any supporting information necessary to confirm the implementation of the CMPs for a minimum of five (5) years.

N-5526-0-1: Facility-Wide Requirements

- Condition 41 on the requirements for the proposed permit complies with this rule.

16. District Rule 4565 – Biosolid, Animal Manure, and Poultry Litter Operations

The purpose of this rule is to limit emissions of volatile organic compounds (VOC) from operations involving the management of biosolids, animal manure, or poultry litter. The rule applies to all facilities whose throughput consists entirely or in part of biosolids, animal manure, or poultry litter and the operator who landfills, land applies, composts, or co-composts these materials.

§5.0 Requirements:

§5.3.1 requires operators of composting/co-composting facilities with throughputs < 20,000 wet tons/year to comply with one of the following:

- Implement at least three of the Class One mitigation measures as listed in Table 1 below.
- Implement at least two Class One mitigation measures in addition to one Class Two mitigation measure for active composting as listed in Table 1 below.

The facility complies with the requirement by implementing three of the Class One mitigation measures listed in Table 1 below.

Table 1 – Composting/Co-Composting Facility Mitigation Measures		
Class One Mitigation Measures		Facility Proposed
1.	Scrape or sweep, at least once a day, all areas where compostable material is mixed, screened, or stored such that no compostable material greater than one inch (1") in height is visible in the areas scraped or swept immediately after scraping or sweeping, except for compostable material in process piles or storage piles.	
2.	Maintain a minimum oxygen concentration of at least five percent (5%), by volume, in the free air space of every active and curing compost pile.	X
3.	Maintain the moisture content of every active and curing compost pile between 40% and 70%, by weight.	X
4.	Manage every active pile such that the initial carbon to nitrogen ratio of every pile is at least twenty (20) to one (1).	X
5.	Cover all active compost piles within 3 hours of each turning with one of the following: a waterproof covering; at least six (6) inches of finished compost; or at least six (6) inches of soil.	
6.	Cover all curing compost piles within 3 hours of each turning with one of the following: a waterproof covering; at least six (6) inches of finished compost; or at least six (6) inches of soil.	
7.	Implement an alternative Class One mitigation measure(s) not listed above that demonstrates at least a 10% reduction, by weight, in VOC emissions.	

§6.0 Administrative Requirements:

§6.1.4 requires an operator of a composting facility subject to this rule to keep the following records:

§6.1.4.1 Throughput Records

On a daily basis, an operator shall record the quantity of materials received that would be used in the compost/co-compost operation. These materials include, but are not limited to, material that may be recovered from the composting from the composting process for reuse in another batch of compostable material; biosolids; animal manure; poultry litter; and green waste.

§6.1.4.2 Class One Mitigation Measure Records

An operator shall keep records that demonstrate that the facility meets the Class One mitigation measures selected for the facility each day that a mitigation measure is performed. For operators using an approved alternative Class One mitigation measure, the operator shall keep records for the alternative mitigation measure each day the alternative mitigation measure is performed.

§6.1.8 requires operators to retain applicable records on-site for a period of five years and to make the records available on-site during normal business hours to the APCO, ARB, or EPA, and to submit the records to the APCO, ARB, or EPA upon request. Therefore, the following condition will be added to the permit to assure compliance with the requirements of this section.

- a. N-5526-23-1: Organic Waste Material Receiving, Storage, and Mixing Operation
 - Conditions 3, 4, 5, 6, and 14 on the requirements for this permit unit comply with this rule.
- b. N-5526-24-1: Open Windrow Active and Curing Phase Co-Composting Operation
 - Conditions 2 through 7, and 17 on the requirements for this permit unit comply with this rule.

17. District Rule 4570 – Confined Animal Facilities

This rule limits emissions of volatile organic compounds (VOC) from Confined Animal Facilities (CAF). The provisions of this rule shall apply to any Confined Animal Facility.

§5.4 Temporary Suspension of Mitigation Measures

An owner/operator may temporarily suspend use of mitigation measure(s) provided all of the following requirements are met:

- §5.4.1 It is determined by a licensed veterinarian, certified nutritionist, CDFA, or USDA that any mitigation measure being suspended is detrimental to animal health or necessary for the animal to molt, and a signed written copy of this determination shall be retained on-site and made available for inspection upon request,

§5.4.2 The owner/operator notifies the District, within forty-eight (48) hours of the determination that the mitigation measure is being temporarily suspended; the specific health condition requiring the mitigation measure to be suspended; and the duration that the measure must be suspended for animal health reasons,

§5.4.3 The emission mitigation measure is not suspended for longer than recommended by the licensed veterinarian or certified nutritionist for animal health reasons,

§5.4.4 If such a situation exists, or is expected to exist for longer than thirty (30) days, the owners/operators shall, within that thirty (30) day period, submit a new emission mitigation plan designating a mitigation measure to be implemented in lieu of the mitigation measure that was suspended, and

§5.4.5 The APCO, ARB, and EPA approve the temporary suspension of the mitigation measure for the time period requested by the owner/operator and a signed written copy of this determination shall be retained on-site.

a. N-5526-1-4: Laying Hen Ranch Including 1,786,000 Layers Consisting of 23 Mechanically Ventilated Layer Houses Including Electric Fans Totaling 624 hp

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

b. N-5526-2-3: Solid Manure Handling System Consisting of Open Manure Stock Piles with Solid Manure Application to Land, Offsite Hauling, and On-Site Composting

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

§5.6.5 Layer CAF: An owner/operator of a layer CAF shall comply with the Phase II mitigation measures in Table 4.5.

Table 4.5 – Layer Phase II Mitigation Measure Requirements	
A. Feed: Owners/operators of a layer CAF shall implement at least one (1) of the following feed mitigation measures:	
1.	Choose one of the following: a. Feed according to NRC guidelines; or b. Feed animals probiotics designed to improve digestion according to manufacturer recommendations; or c. Feed animals an amino acid supplemented diet to meet their nutrient requirements; or d. Feed animals feed additives such as amylase, xylanase, and protease, designed to maximize digestive efficiency according to manufacturer recommendations.
2.	Implement an alternative mitigation measure(s), not listed above.
B. Housing: Owners/operators of a layer CAF shall implement at least two (2) of the following housing mitigation measures:	
1.	Use drinkers that do not drip continuously.
2.	Inspect water pipes and drinkers and repair leaks daily.
3.	Implement an alternative mitigation measure(s), not listed above.
C. Solid Manure/Separated Solids: Owners/operators of a layer CAF that handle or store solid litter/manure or separated solids outside the animal housing shall implement at least one (1) of the following mitigation measures:	
1.	Within seventy-two (72) hours of removal from housing, either: a. Remove all litter/manure from the facility; or b. Cover litter/manure outside the housing with a weatherproof covering from October through May, except for times when wind events remove the covering, not to exceed twenty-four (24) hours per event.
2.	Implement an alternative mitigation measure(s), not listed above.

a. N-5526-1-4: Laying Hen Ranch Including 1,786,000 Layers Consisting of 23 Mechanically Ventilated Layer Houses Including Electric Fans Totaling 624 hp

- Conditions 4, 6, and 7 on the requirements for the proposed permit comply with this rule.

b. N-5526-2-3: Solid Manure Handling System Consisting of Open Manure Stock Piles with Solid Manure Application to Land, Offsite Hauling, and On-Site Composting

- Conditions 4 and 6 on the requirements for the proposed permit comply with this rule.

§7.2 General Records for CAFs Subject to Section 5.0 Requirements

§7.2.1 Permits: Owners/operators shall maintain copies of all facility permits.

§7.2.2 Number of Animals: Owner/operators shall maintain records of the number of animals of each species and production group at the facility on a quarterly basis. Examples of records that may be used include, but are not limited to, Dairy Herd Improvement Association records and animal inventories done for financial purposes.

§7.2.3 Owner/operators shall maintain records sufficient to demonstrate compliance with all applicable mitigation measures.

a. N-5526-1-4: Laying Hen Ranch Including 1,786,000 Layers Consisting of 23 Mechanically Ventilated Layer Houses Including Electric Fans Totaling 624 hp

- Conditions 5, 8, and 9 on the requirements for the proposed permit comply with this rule.

b. N-5526-2-3: Solid Manure Handling System Consisting of Open Manure Stock Piles with Solid Manure Application to Land, Offsite Hauling, and On-Site Composting

- Conditions 5 and 6 on the requirements for the proposed permit comply with this rule.

§7.3. Records for Feed and Silage Mitigation Measures

§7.3.1 Feed Content/Feed Additive: Records of feed content, formulation, and quantity of feed additive utilized, sufficient to verify compliance with approved feed content and feed additive mitigation measures. Records may include laboratory test results and other test results.

N-5526-1-4: Laying Hen Ranch Including 1,786,000 Layers Consisting of 23 Mechanically Ventilated Layer Houses Including Electric Fans Totaling 624 hp

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

§7.9 Records Retention

Owners/operators of a CAF subject to the requirements of Section 5.0 shall keep and maintain the required in Sections 7.1 through 7.8.4, as

applicable, for a minimum of five (5) years and the records shall be made available to the APCO and EPA upon request.

- a. N-5526-1-4: Laying Hen Ranch Including 1,786,000 Layers Consisting of 23 Mechanically Ventilated Layer Houses Including Electric Fans Totaling 624 hp
 - Condition 10 on the requirements for the proposed permit complies with this rule.

18. District Rule 4601 – Architectural Coatings

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

N-5526-0-1: Facility-Wide Requirements

- Conditions 21, 22, and 23 on the requirements for the proposed permit comply with this rule.

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

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

Pursuant to Section 4.1 of District Rule 4701, the provisions of this rule do not apply to engines in agricultural operations in the growing of crops or raising of fowl or animals.

- a. N-5526-4-1: 234 bhp Caterpillar Model 3306D1 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Pepper)
 - Condition 2 on the requirements for this permit unit complies with this rule.
- b. N-5526-6-1: 147 bhp Deutz Model 1013FC Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Cortez)

- Condition 2 on the requirements for this permit unit complies with this rule.
- c. N-5526-7-1: 1,839 bhp Caterpillar Model 3306DI Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Hall)
- Condition 2 on the requirements for this permit unit complies with this rule.
- d. N-5526-9-1: 450 bhp General Motors Model W-LS-TT Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Shasta)
- Condition 2 on the requirements for this permit unit complies with this rule.
- e. N-5526-10-1: 450 bhp Detroit Model 12V71 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Sierra)
- Condition 2 on the requirements for this permit unit complies with this rule.
- f. N-5526-11-1: 450 bhp General Motors Model 400-600 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Tahoe)
- Condition 2 on the requirements for this permit unit complies with this rule.
- g. N-5526-12-1: 450 bhp Daewoo Model P180LE(G) Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Vegas)
- Condition 2 on the requirements for this permit unit complies with this rule.
- h. N-5526-13-1: 300 bhp General Motors Model 500-600 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Yosemite)
- Condition 2 on the requirements for this permit unit complies with this rule.

- i. N-5526-19-1: 490 bhp Detroit Diesel Model 606MK35 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator
 - Condition 2 on the requirements for this permit unit complies with this rule.

- j. N-5526-26-1: 157 bhp Perkins Model 1104D-E44TAG2 Tier 3 Certified Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator
 - Condition 2 on the requirements for this permit unit complies with this rule.

20. District Rule 4702 – Internal Combustion Engines

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

§3.0 Definitions

§3.15 Emergency Standby Engine: an internal combustion engine which operates as a temporary replacement for primary mechanical or electrical power during an unscheduled outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the operator. An engine shall be considered to be an emergency standby engine if it is used only for the following purposes: (1) periodic maintenance, periodic readiness testing, or readiness testing during and after repair work; (2) unscheduled outages, or to supply power while maintenance is performed or repairs are made to the primary power supply; and (3) if it is limited to operate 100 hours or less per calendar year for non-emergency purposes. An engine shall not be considered to be an emergency standby engine if it is used: (1) to reduce the demand for electrical power when normal electrical power line service has not failed, or (2) to produce power for the utility electrical distribution system, or (3) in conjunction with a voluntary utility demand reduction program or interruptible power contract.

§4.0 Exemptions

§4.2 Except for the requirements of Sections 5.9 and 6.2.3, the requirements of this rule shall not apply to an emergency standby engine or a low-use engine, provided that the engine is operated with an operating nonresettable elapsed time meter.

§4.2.1 In lieu of operating a nonresettable elapsed time meter, the operator may use an alternative device, method, or technique, in determining operating time, provided that the alternative is approved by the APCO and EPA and is allowed by the Permit-to-Operate or Permit-Exempt Equipment Registration. The operator must demonstrate that the alternative device, method, or technique is equivalent to using a nonresettable elapsed time meter.

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

§5.9 Monitoring Requirements: All Other Engines

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

§5.9.1.1 An AO spark-ignited engine subject to the requirements of Section 5.2;

§5.9.1.2 A compression-ignited engine subject to the requirements of Section 5.2; or

§5.9.1.3 An engine subject to Section 4.2

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

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

§5.9.4 Install and operate a nonresettable elapsed time meter.

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

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

§6.2 Recordkeeping

§6.2.3 An operator claiming an exemption under Section 4.2 or Section 4.3 shall maintain annual operating records. This information shall be retained for at least five years, shall be readily available, and provided to the APCO upon request. The records shall include, but are not limited to, the following:

§6.2.3.1 Total hours of operation,

§6.2.3.2 The type of fuel used,

§6.2.3.3 The purpose for operating the engine,

§6.2.3.4 For emergency standby engines, all hours of non-emergency and emergency operation shall be reported, and

§6.2.3.5 Other support documentation necessary to demonstrate claim to the exemption.

- a. N-5526-4-1: 234 bhp Caterpillar Model 3306D1 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Pepper)
 - Conditions 4 through 11 on the requirements for this permit unit comply with this rule.
- b. N-5526-6-1: 147 bhp Deutz Model 1013FC Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Cortez)
 - Conditions 4 through 11 on the requirements for this permit unit comply with this rule.
- c. N-5526-7-1: 1,839 bhp Caterpillar Model 3306DI Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Hall)
 - Conditions 4 through 11 on the requirements for this permit unit comply with this rule.
- d. N-5526-9-1: 450 bhp General Motors Model W-LS-TT Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Shasta)
 - Conditions 4 through 11 on the requirements for this permit unit comply with this rule.
- e. N-5526-10-1: 450 bhp Detroit Model 12V71 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Sierra)
 - Conditions 4 through 11 on the requirements for this permit unit comply with this rule.

- f. N-5526-11-1: 450 bhp General Motors Model 400-600 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Tahoe)
 - Conditions 4 through 11 on the requirements for this permit unit comply with this rule.
- g. N-5526-12-1: 450 bhp Daewoo Model P180LE(G) Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Vegas)
 - Conditions 4 through 11 on the requirements for this permit unit comply with this rule.
- h. N-5526-13-1: 300 bhp General Motors Model 500-600 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Yosemite)
 - Conditions 4 through 11 on the requirements for this permit unit comply with this rule.
- i. N-5526-19-1: 490 bhp Detroit Diesel Model 606MK35 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator
 - Conditions 4 through 11 on the requirements for this permit unit comply with this rule.
- j. N-5526-26-1: 157 bhp Perkins Model 1104D-E44TAG2 Tier 3 Certified Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator
 - Conditions 2, 4, and 8 through 15 on the requirements for this permit unit comply with this rule.

21. District Rule 4801 – Sulfur Compounds

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

The rule has been submitted to the EPA to replace Stanislaus County Rule 407 which is contained in the SIP. District Rule 4801 is as stringent as Stanislaus County Rule 407, as shown on table below.

Comparison of District Rule 4801 to Stanislaus County Rule 407

REQUIREMENTS	District Rule 4801	Stanislaus County Rule 407
A person shall not discharge into the atmosphere sulfur compounds exceeding in concentration at the point of discharge 0.2 percent by volume calculated as sulfur dioxide on a dry basis averaged over 15 consecutive minutes.	✓	✓
EPA Method 8 and ARB Method 1-100 shall be used to determine such emissions.	✓	

Diesel-Fired Internal Combustion (IC) Engines:

The diesel-fired IC engines are required by permit condition to use only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight, which is 0.000015 lb-S/lb-fuel. Using the ideal gas equation, the sulfur compound emissions are calculated as follows:

$$\text{Volume SO}_2 = (n \times R \times T) \div P$$

n = moles SO₂

T (standard temperature) = 60 °F or 520 °R

$$R \text{ (universal gas constant)} = \frac{10.73 \text{ psi} \cdot \text{ft}^3}{\text{lb} \cdot \text{mol} \cdot \text{°R}}$$

$$\frac{0.000015 \text{ lb-S}}{\text{lb-fuel}} \times \frac{7.1 \text{ lb}}{\text{gal}} \times \frac{64 \text{ lb-SO}_2}{32 \text{ lb-S}} \times \frac{1 \text{ MMBtu}}{9,051 \text{ scf}} \times \frac{1 \text{ gal}}{0.137 \text{ MMBtu}} \times \frac{\text{lb-mol}}{64 \text{ lb-SO}_2} \times \frac{10.73 \text{ psi} \cdot \text{ft}^3}{\text{lb-mol} \cdot \text{°R}} \times \frac{520 \text{ °R}}{14.7 \text{ psi}} \times 1,000,000 = 1.0 \text{ ppmv}$$

Since 1.0 ppmv is ≤ 2,000 ppmv (0.2% by volume), these engines are expected to comply with the rule.

a. N-5526-4-1: 234 bhp Caterpillar Model 3306D1 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Pepper)

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

b. N-5526-6-1: 147 bhp Deutz Model 1013FC Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Cortez)

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

- c. N-5526-7-1: 1,839 bhp Caterpillar Model 3306DI Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Hall)
 - Condition 3 on the requirements for this permit unit complies with this rule.
- d. N-5526-9-1: 450 bhp General Motors Model W-LS-TT Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Shasta)
 - Condition 3 on the requirements for this permit unit complies with this rule.
- e. N-5526-10-1: 450 bhp Detroit Model 12V71 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Sierra)
 - Condition 3 on the requirements for this permit unit complies with this rule.
- f. N-5526-11-1: 450 bhp General Motors Model 400-600 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Tahoe)
 - Condition 3 on the requirements for this permit unit complies with this rule.
- g. N-5526-12-1: 450 bhp Daewoo Model P180LE(G) Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Vegas)
 - Condition 3 on the requirements for this permit unit complies with this rule.
- h. N-5526-13-1: 300 bhp General Motors Model 500-600 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Yosemite)
 - Condition 3 on the requirements for this permit unit complies with this rule.
- i. N-5526-19-1: 490 bhp Detroit Diesel Model 606MK35 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator
 - Condition 3 on the requirements for this permit unit complies with this rule.

- j. N-5526-26-1: 157 bhp Perkins Model 1104D-E44TAG2 Tier 3 Certified Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator
- Condition 5 on the requirements for this permit unit complies with this rule.

Diesel-Fired Poultry Incinerators with Afterburners:

From Project N-1083183, a poultry incinerator has a potential to emit 0.94 lb-SO_x/day. Using the ideal gas equation, the sulfur compound emissions are calculated as follows:

$$\text{ppmv} = (\text{PE}_{\text{SO}_x} \text{ lb/day}) \div (\text{Flow} \times \text{MW} \times \text{MSV} \times 300 \text{ min/day} \times 10^{-6})$$

Where:

ppm is the exhaust SO₂ concentration

PE_{SO_x} is 0.94 lb-SO_x/day (Project N-1083183)

Flow is exhaust flow in ft³/min

MW is the molecular weight of SO₂ (64 lb/lb-mol)

MSV is the molar specific volume (lb-mol/379.5 ft³)

$$\begin{aligned} \text{SO}_x &= (0.94 \text{ lb/day}) \div (289.6 \text{ ft}^3/\text{min} \times 64 \text{ lb/lb-mol} \times \text{lb-mol}/379.5 \text{ ft}^3 \times \\ &300 \text{ min/day} \times 10^{-6}) \\ &= 64 \text{ ppmv} \end{aligned}$$

Since 64 ppmv is ≤ 2000 ppmv, the incinerators are expected to comply with this rule.

- a. N-5526-17-1: 0.28 MMBtu/hr R&K Burn-Easy Model 367 Diesel-Fired Poultry Incinerator with 0.189 MMBtu/hr Afterburner
- Condition 2 on the requirements for this permit unit complies with this rule.
- b. N-5526-18-1: 0.28 MMBtu/hr R&K Burn-Easy Model 367 Diesel-Fired Poultry Incinerator with 0.189 MMBtu/hr Afterburner
- Condition 2 on the requirements for this permit unit complies with this rule.

- c. N-5526-20-1: 0.4 MMBtu/hr Chore-Time Model A600 Diesel-Fired Poultry Incinerator with 0.09 MMBtu/hr Afterburner
 - Condition 2 on the requirements for this permit unit complies with this rule.
- d. N-5526-21-1: 0.4 MMBtu/hr Chore-Time Model A600 Diesel-Fired Poultry Incinerator with 0.09 MMBtu/hr Afterburner
 - Condition 2 on the requirements for this permit unit complies with this rule.

22. District Rule 8011 – General Requirements

The purpose of Regulation VIII (Fugitive PM₁₀ Prohibitions) is to reduce ambient concentrations of fine particulate matter (PM₁₀) by requiring actions to prevent, reduce or mitigate anthropogenic fugitive dust emissions. The Rules contained in this Regulation have been developed pursuant to United States Environmental Protection Agency guidance for Serious PM₁₀ Nonattainment Areas. The rules are applicable to specified anthropogenic fugitive dust sources. Fugitive dust contains PM₁₀ and particles larger than PM₁₀. Controlling fugitive dust emissions when visible emissions are detected will not prevent all PM₁₀ emissions, but will substantially reduce PM₁₀ emissions.

The provisions of this rule are applicable to specified outdoor fugitive dust sources. The definitions, exemptions, requirements, administrative requirements, recordkeeping requirements, and test methods set forth in this rule are applicable to all Rules under Regulation VIII (Fugitive PM₁₀ Prohibitions) of the Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District.

N-5526-0-1: Facility-Wide Requirements

- Conditions 27 through 33 on the requirements for the proposed permit comply with these rules.

23. District Rule 8021 – Construction, Demolition, Excavation, Extraction, and Other Earthmoving Activities

The purpose of this rule is to limit fugitive dust emissions from construction, demolition, excavation, extraction, and other earthmoving activities.

This rule applies to any construction, demolition, excavation, extraction, and other earthmoving activities, including, but not limited to, land clearing, grubbing, scraping, travel on site, and travel on access roads to and from the site. This rule also applies to the construction of new landfill disposal sites or modification to existing landfill disposal sites prior to commencement of landfilling activities.

Section 5.0 requires that no person shall perform any construction, demolition, excavation, extraction, or other earthmoving activities unless the appropriate requirements in sections 5.1 and 5.2 are sufficiently implemented to limit Visible Dust Emissions (VDE) to 20% opacity or less. In addition to the requirements of this rule, a person shall comply with all other applicable requirements of Regulation VIII.

N-5526-0-1: Facility-Wide Requirements

- Condition 27 on the requirements for the proposed permit complies with these rules.

24. District Rule 8031 – Bulk Materials

The purpose of this rule is to limit fugitive dust emissions from the outdoor handling, storage, and transport of bulk materials. This rule applies to the outdoor handling, storage, and transport of any bulk material.

Section 5.0 requires that no person shall perform any outdoor handling, storage, and transport of bulk materials unless the appropriate requirements in Table 8031-1 of this rule are sufficiently implemented to limit Visible Dust Emissions (VDE) to 20% opacity or less or to comply with the conditions for a stabilized surface as defined in Rule 8011. In addition to the requirements of this rule, a person shall comply with all other applicable requirements of Regulation VIII.

Section 4.5 exempts agricultural sources subject to, or specifically exempt from, the requirements of Rule 8081 (Agricultural Sources) from the requirements of this rule. Section 3.1 of District Rule 8011 defines an agricultural source as “any activity or portion of land associated with the commercial growing of crops or the raising of fowl or animals.” Since this facility is an agricultural source subject to the requirements of Rule 8081 (Agricultural Sources), it is exempt from the requirements of this rule.

25. District Rule 8041 – Carryout and Trackout

The purpose of this rule is to limit fugitive dust emissions from carryout and trackout. This rule applies to all sites that are subject to Rules 8021 (Construction, Demolition, Excavation, Extraction, and other Earthmoving

Activities), 8031 (Bulk Materials), and 8071 (Unpaved Vehicle and Equipment Traffic Areas) where carryout or trackout has occurred or may occur.

Section 5.0 requires that the owner or operator shall sufficiently prevent or cleanup carryout and trackout as specified in sections 5.1 through 5.8. In addition to the requirements of this rule, a person shall comply with all other applicable requirements of Regulation VIII. The use of blower devices, or dry rotary brushes or brooms, for removal of carryout and trackout on public roads is expressly prohibited. The removal of carryout and trackout from paved public roads does not exempt an owner or operator from obtaining state or local agency permits which may be required for the cleanup of mud and dirt on paved public roads.

Section 4.1 exempts carryout and trackout caused by an Agricultural Source from the requirements of this rule. Section 3.1 of District Rule 8011 defines an agricultural source as "any activity or portion of land associated with the commercial growing of crops or the raising of fowl or animals." Since this facility is an agricultural source, carryout and trackout from this facility is exempt from the requirements of this rule.

26. District Rule 8051 – Open Areas

The purpose of this rule is to limit fugitive dust emissions from open areas. This rule applies to any open area having 3.0 acres or more of disturbed surface area that has remained undeveloped, unoccupied, unused, or vacant for more than seven days.

Section 5.0 requires that whenever open areas are disturbed or vehicles are used in open areas, the owner or operator shall implement one or more of the control measures indicated in Table 8051-1 to comply with the conditions of a stabilized surface at all times and to limit Visible Dust Emissions (VDE) to 20% opacity. In addition to the requirements of this rule, a person shall comply with all other applicable requirements of Regulation VIII.

N-5526-0-1: Facility-Wide Requirements

- Condition 30 on the requirements for the proposed permit complies with these rules.

27. District Rule 8061 – Paved and Unpaved Roads

The purpose of this rule is to limit fugitive dust emissions from paved and unpaved roads by implementing control measures and design criteria.

This rule applies to any new or existing public or private paved or unpaved road, road construction project, or road modification project.

Section 4.3 exempts agricultural sources subject to, or specifically exempt from, the requirements of Rule 8081 (Agricultural Sources) from the requirements of this rule. Section 3.1 of District Rule 8011 defines an agricultural source as “any activity or portion of land associated with the commercial growing of crops or the raising of fowl or animals.” Since this facility is an agricultural source subject to the requirements of Rule 8081 (Agricultural Sources), it is exempt from the requirements of this rule.

28. District Rule 8071 – Unpaved Vehicle/Equipment Traffic Area

The purpose of this rule is to limit fugitive dust emissions from unpaved vehicle and equipment traffic areas by implementing control measures and design criteria. This rule applies to any unpaved vehicle/equipment traffic area of 1.0 acre or larger.

Section 4.2 exempts agricultural sources subject to, or specifically exempt from, the requirements of Rule 8081 (Agricultural Sources) from the requirements of this rule. Section 3.1 of District Rule 8011 defines an agricultural source as “any activity or portion of land associated with the commercial growing of crops or the raising of fowl or animals.” Since this facility is an agricultural source subject to the requirements of Rule 8081 (Agricultural Sources), it is exempt from the requirements of this rule.

29. District Rule 8081 – Agricultural Sources

The purpose of this rule is to limit fugitive dust emissions from agricultural sources. This rule applies to off-field agricultural sources.

Section 5.0 requires that an owner or operator shall comply with Sections 5.1 through 5.3 of Rule 8081 and sufficiently implement at least one of the control measures indicated in each section of Table 8081-1 to limit Visible Dust Emissions (VDE) to 20% opacity or to comply with the conditions for a stabilized surface as defined in Rule 8011. In addition to the requirements of this rule, a person shall comply with all other applicable requirements of Regulation VIII.

N-5526-0-1: Facility-Wide Requirements

- Condition 33 on the requirements for the proposed permit complies with these rules.

30. 40 CFR 60, Subpart III – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

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

- a. N-5526-4-1: 234 bhp Caterpillar Model 3306D1 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Pepper)

This ICE was manufactured prior to April 1, 2006. Therefore, this ICE is not subject to this rule.

- b. N-5526-6-1: 147 bhp Deutz Model 1013FC Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Cortez)

This ICE was manufactured prior to April 1, 2006. Therefore, this ICE is not subject to this rule.

- c. N-5526-7-1: 1,839 bhp Caterpillar Model 3306DI Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Hall)

This ICE was manufactured prior to April 1, 2006. Therefore, this ICE is not subject to this rule.

- d. N-5526-9-1: 450 bhp General Motors Model W-LS-TT Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Shasta)

This ICE was manufactured prior to April 1, 2006. Therefore, this ICE is not subject to this rule.

- e. N-5526-10-1: 450 bhp Detroit Model 12V71 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Sierra)

This ICE was manufactured prior to April 1, 2006. Therefore, this ICE is not subject to this rule.

- f. N-5526-11-1: 450 bhp General Motors Model 400-600 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Tahoe)

This ICE was manufactured prior to April 1, 2006. Therefore, this ICE is not subject to this rule.

- g. N-5526-12-1: 450 bhp Daewoo Model P180LE(G) Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Vegas)

This ICE was manufactured prior to April 1, 2006. Therefore, this ICE is not subject to this rule.

- h. N-5526-13-1: 300 bhp General Motors Model 500-600 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Yosemite)

This ICE was manufactured prior to April 1, 2006. Therefore, this ICE is not subject to this rule.

- i. N-5526-19-1: 490 bhp Detroit Diesel Model 606MK35 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator

This ICE was manufactured prior to April 1, 2006. Therefore, this ICE is not subject to this rule.

§60.4205(b) states that owners and operators of 2007 model year and later emergency stationary CI ICE with a displacement of less than 30 liters per cylinder that are not fire pump engines must comply with the emission standards for new nonroad CI engines in §60.4202, for all pollutants, for the same model year and maximum engine power for their 2007 model year and later emergency stationary CI ICE. This means that the engine shall be Tier 3 certified in accordance with 40 CFR 89.112 and 40 CFR 89.113 for all pollutants beginning in model year 2007.

- j. N-5526-26-1: 157 bhp Perkins Model 1104D-E44TAG2 Tier 3 Certified Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator

This ICE is a model year 2010 engine and is Tier 3 certified in accordance with 40 CFR 89.112 and 89.113. Therefore, this ICE complies with this rule.

31. 40 CFR 61, Subpart M – National Emission Standard for Asbestos

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

N-5526-0-1: Facility-Wide Requirements

- Condition 28 on the requirements for the proposed permit complies with this rule.

32. 40 CFR 63, Subpart ZZZZ – National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

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

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

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

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

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

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

- Permit units N-5526-4-1, -6-1, -7-1, -9-1, -10-1, -11-1, -12-1, -13-1, and -19-1 are existing stationary RICE since all commenced construction before June 12, 2006.

§63.6590(a)(2)(iii) A stationary RICE located at an area source of HAP emissions is new if you commenced construction of the stationary RICE on or after June 12, 2006.

- Permit units N-5526-26-1 is a new stationary RICE since it was installed after June 12, 2006.

§63.6590(c)(1) states that an affected source that is a new stationary RICE located at an area source must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII for compression ignition engines.

- Permit units N-5526-26-1 meets the requirements of 40 CFR part 60 subpart IIII. Therefore, this RICE complies with this subpart.

§63.6603(a) An existing stationary RICE located at an area source of HAP emissions must comply with the applicable requirements in Table 2d to this subpart and the operating limitations in Table 1b and Table 2b to this subpart that apply to you.

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

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

For each	You must meet the following requirement, except during periods of startup	During periods of startup you must
4. Emergency stationary CI RICE	a. Change oil and filter every 500 hours of operation or annually, whichever comes first; b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; and c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.	Minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations apply.

§63.6625(f) If you own or operate an existing emergency stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions or an existing emergency stationary RICE located at an area source of HAP emissions, you must install a non-resettable hour meter if one is not already installed.

§63.6640(a) You must demonstrate continuous compliance with each emission limitation and operating limitation in Tables 1a and 1b, Tables 2a and 2b, Table 2c, and Table 2d to this subpart that apply to you according to methods specified in Table 6 to this subpart.

Table 6 to Subpart ZZZZ of Part 63—Continuous Compliance With Emission Limitations, Operating Limitations, Work Practices, and Management Practices

As stated in §63.6640, you must continuously comply with the emissions and operating limitations and work or management practices as required by the following:

For each	Complying with the requirement to	You must demonstrate continuous compliance by
9. Existing emergency and black start stationary RICE located at an area source of HAP	a. Work or Management practices	i. Operating and maintaining the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions; or ii. Develop and follow your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

§63.6640(f)(ii) You may operate your emergency stationary RICE for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year.

§63.6655(e) You must keep records of the maintenance conducted on the stationary RICE in order to demonstrate that you operated and maintained the stationary RICE.

§63.6655(f) If you own or operate any of the stationary RICE in paragraphs (f)(1) or (2) of this section, you must keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The owner or operator must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation.

The above requirements are addressed in the following conditions on these permit units.

- a. N-5526-4-1: 234 bhp Caterpillar Model 3306D1 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Pepper)
 - Conditions 4, 11, and 12 through 18 on the requirements for this permit unit comply with this rule.
- b. N-5526-6-1: 147 bhp Deutz Model 1013FC Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Cortez)
 - Conditions 4, 11, and 12 through 18 on the requirements for this permit unit comply with this rule.
- c. N-5526-7-1: 1,839 bhp Caterpillar Model 3306DI Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Hall)
 - Conditions 4, 11, and 12 through 18 on the requirements for this permit unit comply with this rule.
- d. N-5526-9-1: 450 bhp General Motors Model W-LS-TT Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Shasta)
 - Conditions 4, 11, and 12 through 18 on the requirements for this permit unit comply with this rule.
- e. N-5526-10-1: 450 bhp Detroit Model 12V71 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Sierra)
 - Conditions 4, 11, and 12 through 18 on the requirements for this permit unit comply with this rule.
- f. N-5526-11-1: 450 bhp General Motors Model 400-600 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Tahoe)
 - Conditions 4, 11, and 12 through 18 on the requirements for this permit unit comply with this rule.

- g. N-5526-12-1: 450 bhp Daewoo Model P180LE(G) Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Vegas)
 - Conditions 4, 11, and 12 through 18 on the requirements for this permit unit comply with this rule.
- h. N-5526-13-1: 300 bhp General Motors Model 500-600 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Yosemite)
 - Conditions 4, 11, and 12 through 18 on the requirements for this permit unit comply with this rule.
- i. N-5526-19-1: 490 bhp Detroit Diesel Model 606MK35 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator
 - Conditions 4, 11, and 12 through 18 on the requirements for this permit unit comply with this rule.

33. 40 CFR Part 64 – Compliance Assurance Monitoring

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

- 1) the unit must have an emission limit for the pollutant;
 - 2) the unit must have add-on controls for the pollutant; these are devices such as flue gas recirculation (FGR), baghouses, and catalytic oxidizers; and
 - 3) the unit must have a pre-control potential to emit of greater than the major source thresholds.
- a. N-5526-1-4: Laying Hen Ranch Including 1,786,000 Layers Consisting of 23 Mechanically Ventilated Layer Houses Including Electric Fans Totalling 624 hp

This permit unit has no emissions limits for NO_x, SO_x, PM₁₀, CO, and VOC. Therefore, this permit unit is not subject to CAM for NO_x, SO_x, PM₁₀, CO, and VOC.

- b. N-5526-2-3: Solid Manure Handling System Consisting of Open Manure Stock Piles with Solid Manure Application to Land, Offsite Hauling, and On-Site Composting

This permit unit has no emissions limits for NO_x, SO_x, PM₁₀, CO, and VOC. Therefore, this permit unit is not subject to CAM for NO_x, SO_x, PM₁₀, CO, and VOC.

- c. N-5526-4-1: 234 bhp Caterpillar Model 3306D1 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Pepper)

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

- d. N-5526-6-1: 147 bhp Deutz Model 1013FC Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Cortez)

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

- e. N-5526-7-1: 1,839 bhp Caterpillar Model 3306DI Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Hall)

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

- f. N-5526-9-1: 450 bhp General Motors Model W-LS-TT Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Shasta)

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

- g. N-5526-10-1: 450 bhp Detroit Model 12V71 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Sierra)

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

- h. N-5526-11-1: 450 bhp General Motors Model 400-600 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Tahoe)

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

- i. N-5526-12-1: 450 bhp Daewoo Model P180LE(G) Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Vegas)

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

- j. N-5526-13-1: 300 bhp General Motors Model 500-600 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator (Yosemite)

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

- k. N-5526-14-1: Agricultural Gasoline Dispensing Operation with One 1,000 Gallon Aboveground Storage Tank Served by Two-Point Phase I Vapor Recovery System (G-70-142-B), and 1 Fueling Point with 1 Phase II Exempt Gasoline Dispensing Nozzle

This unit does not have add-on controls as defined by the rule, therefore, the unit is not subject to CAM.

- l. N-5526-17-1: 0.28 MMBtu/hr R&K Burn-Easy Model 367 Diesel-Fired Poultry Incinerator with 0.189 MMBtu/hr Afterburner

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

- m. N-5526-18-1: 0.28 MMBtu/hr R&K Burn-Easy Model 367 Diesel-Fired Poultry Incinerator with 0.189 MMBtu/hr Afterburner

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

- n. N-5526-19-1: 490 bhp Detroit Diesel Model 606MK35 Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator

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

- o. N-5526-20-1: 0.4 MMBtu/hr Chore-Time Model A600 Diesel-Fired Poultry Incinerator with 0.09 MMBtu/hr Afterburner

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

- p. N-5526-21-1: 0.4 MMBtu/hr Chore-Time Model A600 Diesel-Fired Poultry Incinerator with 0.09 MMBtu/hr Afterburner

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

- q. N-5526-23-1: Organic Waste Material Receiving, Storage, and Mixing Operation

This permit unit has no emissions limits for NO_x, SO_x, PM₁₀, CO, and VOC. Therefore, this permit unit is not subject to CAM for NO_x, SO_x, PM₁₀, CO, and VOC.

- r. N-5526-24-1: Open Windrow Active and Curing Phase Co-Composting Operation

This permit unit has no emissions limits for NO_x, SO_x, PM₁₀, CO, and VOC. Therefore, this permit unit is not subject to CAM for NO_x, SO_x, PM₁₀, CO, and VOC.

- s. N-5526-25-1: Finished Compost Storage and Loadout Operation

This permit unit has no emissions limits for NO_x, SO_x, PM₁₀, CO, and VOC. Therefore, this permit unit is not subject to CAM for NO_x, SO_x, PM₁₀, CO, and VOC.

- t. N-5526-26-1: 157 bhp Perkins Model 1104D-E44TAG2 Tier 3 Certified Diesel-Fired Emergency Standby IC Engine Powering an Electrical Generator

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

34. 40 CFR Part 82, Subpart B and F – Stratospheric Ozone

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

N-5526-0-1: Facility-Wide Requirements

- Conditions 25 and 26 on the requirements for the proposed permit comply with this rule.

X. PERMIT SHIELD

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

A. Requirements Addressed by Model General Permit Templates

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

B. Requirements not Addressed by Model General Permit Templates

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

XI. PERMIT CONDITIONS

See draft operating permit beginning on the following page.

San Joaquin Valley Air Pollution Control District

FACILITY: N-5526-0-1

EXPIRATION DATE: 12/31/2015

FACILITY-WIDE REQUIREMENTS

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100; Stanislaus County Rule 110] Federally Enforceable Through Title V Permit
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100; Stanislaus County Rule 110] 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] 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; 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; 2080; and 2520] 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] 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] 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: RAINBOW FARMS
Location: 1220 HALL RD, DENAIR, CA 95316
N-5526-0-1: May 2 2013 7:38AM - SIONGCOJ

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] 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 and 1100] 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] 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] 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] 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] 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] 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] Federally Enforceable Through Title V Permit
18. 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] Federally Enforceable Through Title V Permit
19. 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] Federally Enforceable Through Title V Permit
20. 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] Federally Enforceable Through Title V Permit
21. 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] Federally Enforceable Through Title V Permit
22. All VOC-containing materials subject to Rule 4601 (12/17/09) shall be stored in closed containers when not in use. [District Rule 4601] Federally Enforceable Through Title V Permit
23. 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] 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.

24. 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] Federally Enforceable Through Title V Permit
25. 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
26. 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
27. {4390} Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8021 and 8011] Federally Enforceable Through Title V Permit
28. {4391} Outdoor handling, storage and transport of any bulk material which emits dust shall comply with the requirements of District Rule 8031, unless specifically exempted under Section 4.0 of Rule 8031 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8031 and 8011] Federally Enforceable Through Title V Permit
29. {4392} An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8041 and 8011] Federally Enforceable Through Title V Permit
30. {4393} Whenever open areas are disturbed, or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8051 and 8011] Federally Enforceable Through Title V Permit
31. {4394} Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8061 and Rule 8011] Federally Enforceable Through Title V Permit
32. {4395} Any unpaved vehicle/equipment area that anticipates more than 50 Average annual daily Trips (AADT) shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 150 vehicle trips per day (VDT) shall comply with the requirements of Section 5.1.2 of District Rule 8071. On each day that 25 or more VDT with 3 or more axles will occur on an unpaved vehicle/equipment traffic area, the owner/operator shall comply with the requirements of Section 5.1.3 of District Rule 8071. On each day when a special event will result in 1,000 or more vehicles that will travel/park on an unpaved area, the owner/operator shall comply with the requirements of Section 5.1.4 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (9/16/2004) or Rule 8011 (8/19/2004). [District Rule 8071 and Rule 8011] Federally Enforceable Through Title V Permit
33. The owner or operator shall comply with Sections 5.1 through 5.3 of District Rule 8081 and shall sufficiently implement at least one of the control measures indicated in each section of Table 8081-1 to limit Visible Dust Emissions to 20% opacity or to comply with the conditions for a stabilized surface as defined in Rule 8011, unless specifically exempted under Section 4.0 of Rule 8081 (9/16/2004) or Rule 8011 (8/19/2004). The owner or operator shall also comply with all applicable requirements of Regulation VIII unless specifically exempted by the applicable rules. [District Rule 8081 and 8011] Federally Enforceable Through Title V Permit
34. 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.

35. 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] Federally Enforceable Through Title V Permit
36. 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] Federally Enforceable Through Title V Permit
37. 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] Federally Enforceable Through Title V Permit
38. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 1070 and 2520] Federally Enforceable Through Title V Permit
39. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 1070 and 2520] Federally Enforceable Through Title V Permit
40. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
41. The owner or operator shall implement the applicable conservation management practices (CMP) selected in the approved CMP plan pursuant to Section 6.2 of District Rule 4550 (8/19/04). The owner or operator shall submit a CMP application to the APCO prepared pursuant to Section 6.1 of District Rule 4550 (8/19/04) within 90 days for an agricultural operation site or an agricultural parcel that is acquired or becomes subject to District Rule 4550 and within 60 days of any operational, administrative, or other modification that necessitates revision of the CMP Plan. The owner or operator shall maintain a copy of each CMP application, CMP plan, and any supporting information necessary to confirm the implementation of the CMPs for a minimum of five (5) years. [District Rule 4550] Federally Enforceable Through Title V Permit
42. This permit does not authorize the violation of any conditions established for this facility in the Conditional Use Permit (CUP), Special Use Permit (SUP), Site Approval, Site Plan Review (SPR), or other approval documents issued by a local, state, or federal agency. [Public Resources Code 21000-21177: California Environmental Quality Act]
43. On Month, Day, Year, the initial Title V permit was issued. [District Rule 2520] Federally Enforceable Through Title V Permit
44. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin July 1 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

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-1-4

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

LAYING HEN RANCH INCLUDING 1,786,000 LAYERS CONSISTING OF 23 MECHANICALLY VENTILATED LAYER HOUSES INCLUDING ELECTRIC FANS TOTALING 624 HP

PERMIT UNIT REQUIREMENTS

1. Permittee shall implement and maintain all the mitigation measures contained in this permit no later than December 25, 2013 [District Rule 4570] Federally Enforceable Through Title V Permit
2. Mitigation measures that are currently being implemented as required by Phase I of Rule 4570 should continue to be implemented until the mitigation measures required under this permit are implemented. [District Rule 4570] Federally Enforceable Through Title V Permit
3. If a licensed veterinarian or a certified nutritionist determines that any VOC mitigation measure will be required to be suspended as a detriment to animal health or necessary for the animal to molt, the owners/operators must notify the District in writing within forty-eight (48) hours of the determination including the duration and the specific health condition requiring the mitigation measure to be suspended. If the situation is expected to exist longer than a thirty-day (30) period, the owner/operator shall submit a new emission mitigation plan designating a mitigation measure to be implemented in lieu of the suspended mitigation measure. [District Rule 4570] Federally Enforceable Through Title V Permit
4. Permittee shall feed animals additives such as amylase, xylanase, and protease, designed to maximize digestive efficiency. [District Rule 4570] Federally Enforceable Through Title V Permit
5. Permittee shall maintain records that demonstrate animals are fed feed additives such as amylase, xylanase, and protease. Records such as feed company guaranteed analyses (feed tags), ration sheets, or feed purchase records may be used to meet this. [District Rule 4570] Federally Enforceable Through Title V Permit
6. Permittee shall use drinkers that do not drip continuously. [District Rule 4570] Federally Enforceable Through Title V Permit
7. Permittee shall inspect water pipes and drinkers and repair leaks daily. [District Rule 4570] Federally Enforceable Through Title V Permit
8. Permittee shall maintain records indicating that water pipes and drinkers are inspected daily and that any leaks are repaired. [District Rule 4570] Federally Enforceable Through Title V Permit
9. Permittee shall maintain a record of the number of animals of each species and production group at the facility and shall maintain quarterly records of any changes to this information. [District Rule 4570] Federally Enforceable Through Title V Permit
10. Permittee shall keep and maintain all records for a minimum of five (5) years and shall make records available to the APCO and EPA upon request. [District Rule 4570] 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: N-5526-2-3

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

SOLID MANURE HANDLING SYSTEM CONSISTING OF OPEN MANURE STOCK PILES WITH SOLID MANURE APPLICATION TO LAND, OFFSITE HAULING, AND ON-SITE COMPOSTING

PERMIT UNIT REQUIREMENTS

1. Permittee shall implement and maintain all the mitigation measures contained in this permit no later than December 25, 2013. [District Rule 4570] Federally Enforceable Through Title V Permit
2. Mitigation measures that are currently being implemented as required by Phase I of Rule 4570 should continue to be implemented until the mitigation measures required under this permit are implemented. [District Rule 4570] Federally Enforceable Through Title V Permit
3. If a licensed veterinarian or a certified nutritionist determines that any VOC mitigation measure will be required to be suspended as a detriment to animal health or necessary for the animal to molt, the owners/operators must notify the District in writing within forty-eight (48) hours of the determination including the duration and the specific health condition requiring the mitigation measure to be suspended. If the situation is expected to exist longer than a thirty-day (30) period, the owner/operator shall submit a new emission mitigation plan designating a mitigation measure to be implemented in lieu of the suspended mitigation measure. [District Rule 4570] Federally Enforceable Through Title V Permit
4. Within seventy two (72) hours of removal of solid manure from housing, permittee shall either 1) remove all litter/manure from the facility, or 2) cover litter/manure outside the housing with a weatherproof covering from October through May, except for times when wind events remove the covering, not to exceed twenty-four (24) hours per event. [District Rule 4570] Federally Enforceable Through Title V Permit
5. Permittee shall keep records of dates when litter/manure is removed from the facility; manure hauling invoices may be used to meet this requirement, or permittee shall maintain records to demonstrate that litter/manure piles outside the pens are covered with a weatherproof covering from October through May. [District Rule 4570] Federally Enforceable Through Title V Permit
6. If weatherproof coverings are used, permittee shall maintain records, such as manufacturer warranties or other documentation, demonstrating that the weatherproof covering over dry manure are installed, used, and maintained in accordance with manufacturer recommendations and applicable standards listed in NRCS Field Office Technical Guide Code 313 or 367, or any other applicable standard approved by the APCO, ARB, and EPA. [District Rule 4570] 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: N-5526-4-1

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

234 BHP CATERPILLAR MODEL 3306D1 (S/N: 85Z11102) DIESEL-FIRED EMERGENCY STANDBY IC ENGINE
POWERING AN ELECTRICAL GENERATOR (PEPPER)

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. This engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4701] Federally Enforceable Through Title V Permit
3. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight shall be consumed by the engine. [District Rule 4801 and 17 CCR 93115] Federally Enforceable Through Title V Permit
4. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 40 CFR §63.6625 (f)] Federally Enforceable Through Title V Permit
5. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702] Federally Enforceable Through Title V Permit
6. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
7. This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per year. [District Rule 4702] Federally Enforceable Through Title V Permit
8. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
10. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit

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

11. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 40 CFR §63.6660] Federally Enforceable Through Title V Permit
12. The permittee must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR §63.6625(h)] Federally Enforceable Through Title V Permit
13. The engine shall be in full compliance with 40 CFR Part 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). [40 CFR §63.6585/63.6595(a)] Federally Enforceable Through Title V Permit
14. The engine's oil and filter shall be changed every 500 hours of operation or every 12 months, whichever comes first. [40 CFR §63.6603/63.6640 Table 2d, Row 4.a] Federally Enforceable Through Title V Permit
15. The engine's air filter shall be inspected every 1,000 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR §63.6603/63.6640 Table 2d, Row 4.b] Federally Enforceable Through Title V Permit
16. The engine's hoses and belts shall be inspected every 500 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR §63.6603/63.6640 Table 2d, Row 4.c] Federally Enforceable Through Title V Permit
17. The permittee shall maintain monthly records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment. The permittee shall also maintain monthly records of action taken during periods of malfunction to minimize emissions in accordance with §63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [40 CFR §63.6655(a)(2) and (a)(5)] Federally Enforceable Through Title V Permit
18. The permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2c and 2d of Subpart ZZZZ. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2c or 2d to this subpart. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. [40 CFR §63.6625(i)] Federally Enforceable Through Title V Permit

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-6-1

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

147 BHP DEUTZ MODEL 1013FC (S/N: 00410072) DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (CORTEZ)

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. This engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4701] Federally Enforceable Through Title V Permit
3. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight shall be consumed by the engine. [District Rule 4801 and 17 CCR 93115] Federally Enforceable Through Title V Permit
4. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 40 CFR §63.6625 (f)] Federally Enforceable Through Title V Permit
5. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702] Federally Enforceable Through Title V Permit
6. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
7. This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per year. [District Rule 4702] Federally Enforceable Through Title V Permit
8. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
10. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit

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

11. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 40 CFR §63.6660] Federally Enforceable Through Title V Permit
12. The permittee must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR §63.6625(h)] Federally Enforceable Through Title V Permit
13. The engine shall be in full compliance with 40 CFR Part 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). [40 CFR §63.6585/63.6595(a)] Federally Enforceable Through Title V Permit
14. The engine's oil and filter shall be changed every 500 hours of operation or every 12 months, whichever comes first. [40 CFR §63.6603/63.6640 Table 2d, Row 4.a] Federally Enforceable Through Title V Permit
15. The engine's air filter shall be inspected every 1,000 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR §63.6603/63.6640 Table 2d, Row 4.b] Federally Enforceable Through Title V Permit
16. The engine's hoses and belts shall be inspected every 500 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR §63.6603/63.6640 Table 2d, Row 4.c] Federally Enforceable Through Title V Permit
17. The permittee shall maintain monthly records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment. The permittee shall also maintain monthly records of action taken during periods of malfunction to minimize emissions in accordance with §63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [40 CFR §63.6655(a)(2) and (a)(5)] Federally Enforceable Through Title V Permit
18. The permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2c and 2d of Subpart ZZZZ. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2c or 2d to this subpart. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. [40 CFR §63.6625(i)] Federally Enforceable Through Title V Permit

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-7-1

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

1,839 BHP CATERPILLAR MODEL 3306DI DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (HALL)

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. This engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4701] Federally Enforceable Through Title V Permit
3. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight shall be consumed by the engine. [District Rule 4801 and 17 CCR 93115] Federally Enforceable Through Title V Permit
4. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 40 CFR §63.6625 (f)] Federally Enforceable Through Title V Permit
5. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702] Federally Enforceable Through Title V Permit
6. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
7. This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per year. [District Rule 4702] Federally Enforceable Through Title V Permit
8. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
10. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

11. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 40 CFR §63.6660] Federally Enforceable Through Title V Permit
12. The permittee must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR §63.6625(h)] Federally Enforceable Through Title V Permit
13. The engine shall be in full compliance with 40 CFR Part 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). [40 CFR §63.6585/63.6595(a)] Federally Enforceable Through Title V Permit
14. The engine's oil and filter shall be changed every 500 hours of operation or every 12 months, whichever comes first. [40 CFR §63.6603/63.6640 Table 2d, Row 4.a] Federally Enforceable Through Title V Permit
15. The engine's air filter shall be inspected every 1,000 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR §63.6603/63.6640 Table 2d, Row 4.b] Federally Enforceable Through Title V Permit
16. The engine's hoses and belts shall be inspected every 500 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR §63.6603/63.6640 Table 2d, Row 4.c] Federally Enforceable Through Title V Permit
17. The permittee shall maintain monthly records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment. The permittee shall also maintain monthly records of action taken during periods of malfunction to minimize emissions in accordance with §63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [40 CFR §63.6655(a)(2) and (a)(5)] Federally Enforceable Through Title V Permit
18. The permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2c and 2d of Subpart ZZZZ. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2c or 2d to this subpart. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. [40 CFR §63.6625(i)] Federally Enforceable Through Title V Permit

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-9-1

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

450 BHP GENERAL MOTORS MODEL W-LS-TT (S/N: 500-600) DIESEL-FIRED EMERGENCY STANDBY IC ENGINE
POWERING AN ELECTRICAL GENERATOR (SHASTA)

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. This engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4701] Federally Enforceable Through Title V Permit
3. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight shall be consumed by the engine. [District Rule 4801 and 17 CCR 93115] Federally Enforceable Through Title V Permit
4. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 40 CFR §63.6625 (f)] Federally Enforceable Through Title V Permit
5. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702] Federally Enforceable Through Title V Permit
6. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
7. This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per year. [District Rule 4702] Federally Enforceable Through Title V Permit
8. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
10. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit

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

11. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 40 CFR §63.6660] Federally Enforceable Through Title V Permit
12. The permittee must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR §63.6625(h)] Federally Enforceable Through Title V Permit
13. The engine shall be in full compliance with 40 CFR Part 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). [40 CFR §63.6585/63.6595(a)] Federally Enforceable Through Title V Permit
14. The engine's oil and filter shall be changed every 500 hours of operation or every 12 months, whichever comes first. [40 CFR §63.6603/63.6640 Table 2d, Row 4.a] Federally Enforceable Through Title V Permit
15. The engine's air filter shall be inspected every 1,000 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR §63.6603/63.6640 Table 2d, Row 4.b] Federally Enforceable Through Title V Permit
16. The engine's hoses and belts shall be inspected every 500 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR §63.6603/63.6640 Table 2d, Row 4.c] Federally Enforceable Through Title V Permit
17. The permittee shall maintain monthly records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment. The permittee shall also maintain monthly records of action taken during periods of malfunction to minimize emissions in accordance with §63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [40 CFR §63.6655(a)(2) and (a)(5)] Federally Enforceable Through Title V Permit
18. The permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2c and 2d of Subpart ZZZZ. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2c or 2d to this subpart. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. [40 CFR §63.6625(i)] Federally Enforceable Through Title V Permit

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-10-1

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

450 BHP DETROIT MODEL 12V71 DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (SIERRA)

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. This engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4701] Federally Enforceable Through Title V Permit
3. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight shall be consumed by the engine. [District Rule 4801 and 17 CCR 93115] Federally Enforceable Through Title V Permit
4. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 40 CFR §63.6625 (f)] Federally Enforceable Through Title V Permit
5. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702] Federally Enforceable Through Title V Permit
6. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
7. This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per year. [District Rule 4702] Federally Enforceable Through Title V Permit
8. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
10. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit

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

11. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 40 CFR §63.6660] Federally Enforceable Through Title V Permit
12. The permittee must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR §63.6625(h)] Federally Enforceable Through Title V Permit
13. The engine shall be in full compliance with 40 CFR Part 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). [40 CFR §63.6585/63.6595(a)] Federally Enforceable Through Title V Permit
14. The engine's oil and filter shall be changed every 500 hours of operation or every 12 months, whichever comes first. [40 CFR §63.6603/63.6640 Table 2d, Row 4.a] Federally Enforceable Through Title V Permit
15. The engine's air filter shall be inspected every 1,000 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR §63.6603/63.6640 Table 2d, Row 4.b] Federally Enforceable Through Title V Permit
16. The engine's hoses and belts shall be inspected every 500 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR §63.6603/63.6640 Table 2d, Row 4.c] Federally Enforceable Through Title V Permit
17. The permittee shall maintain monthly records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment. The permittee shall also maintain monthly records of action taken during periods of malfunction to minimize emissions in accordance with §63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [40 CFR §63.6655(a)(2) and (a)(5)] Federally Enforceable Through Title V Permit
18. The permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2c and 2d of Subpart ZZZZ. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2c or 2d to this subpart. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. [40 CFR §63.6625(i)] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-11-1

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

450 BHP GENERAL MOTORS MODEL 400-600 (S/N: D*W-LS-T) DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (TAHOE)

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. This engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4701] Federally Enforceable Through Title V Permit
3. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight shall be consumed by the engine. [District Rule 4801 and 17 CCR 93115] Federally Enforceable Through Title V Permit
4. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 40 CFR §63.6625 (f)] Federally Enforceable Through Title V Permit
5. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702] Federally Enforceable Through Title V Permit
6. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
7. This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per year. [District Rule 4702] Federally Enforceable Through Title V Permit
8. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
10. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit

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

11. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 40 CFR §63.6660] Federally Enforceable Through Title V Permit
12. The permittee must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR §63.6625(h)] Federally Enforceable Through Title V Permit
13. The engine shall be in full compliance with 40 CFR Part 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). [40 CFR §63.6585/63.6595(a)] Federally Enforceable Through Title V Permit
14. The engine's oil and filter shall be changed every 500 hours of operation or every 12 months, whichever comes first. [40 CFR §63.6603/63.6640 Table 2d, Row 4.a] Federally Enforceable Through Title V Permit
15. The engine's air filter shall be inspected every 1,000 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR §63.6603/63.6640 Table 2d, Row 4.b] Federally Enforceable Through Title V Permit
16. The engine's hoses and belts shall be inspected every 500 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR §63.6603/63.6640 Table 2d, Row 4.c] Federally Enforceable Through Title V Permit
17. The permittee shall maintain monthly records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment. The permittee shall also maintain monthly records of action taken during periods of malfunction to minimize emissions in accordance with §63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [40 CFR §63.6655(a)(2) and (a)(5)] Federally Enforceable Through Title V Permit
18. The permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2c and 2d of Subpart ZZZZ. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2c or 2d to this subpart. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. [40 CFR §63.6625(i)] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-12-1

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

450 BHP DAEWOO MODEL P180LE(G) (S/N: 401438EASOC) DIESEL-FIRED EMERGENCY STANDBY IC ENGINE
POWERING AN ELECTRICAL GENERATOR (VEGAS)

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. This engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4701] Federally Enforceable Through Title V Permit
3. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight shall be consumed by the engine. [District Rule 4801 and 17 CCR 93115] Federally Enforceable Through Title V Permit
4. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 40 CFR §63.6625 (f)] Federally Enforceable Through Title V Permit
5. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702] Federally Enforceable Through Title V Permit
6. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
7. This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per year. [District Rule 4702] Federally Enforceable Through Title V Permit
8. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
10. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit

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

11. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 40 CFR §63.6660] Federally Enforceable Through Title V Permit
12. The permittee must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR §63.6625(h)] Federally Enforceable Through Title V Permit
13. The engine shall be in full compliance with 40 CFR Part 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). [40 CFR §63.6585/63.6595(a)] Federally Enforceable Through Title V Permit
14. The engine's oil and filter shall be changed every 500 hours of operation or every 12 months, whichever comes first. [40 CFR §63.6603/63.6640 Table 2d, Row 4.a] Federally Enforceable Through Title V Permit
15. The engine's air filter shall be inspected every 1,000 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR §63.6603/63.6640 Table 2d, Row 4.b] Federally Enforceable Through Title V Permit
16. The engine's hoses and belts shall be inspected every 500 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR §63.6603/63.6640 Table 2d, Row 4.c] Federally Enforceable Through Title V Permit
17. The permittee shall maintain monthly records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment. The permittee shall also maintain monthly records of action taken during periods of malfunction to minimize emissions in accordance with §63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [40 CFR §63.6655(a)(2) and (a)(5)] Federally Enforceable Through Title V Permit
18. The permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2c and 2d of Subpart ZZZZ. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2c or 2d to this subpart. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. [40 CFR §63.6625(i)] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-13-1

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

300 BHP GENERAL MOTORS MODEL 500-600 (S/N: 514769) DIESEL-FIRED EMERGENCY STANDBY IC ENGINE
POWERING AN ELECTRICAL GENERATOR (YOSEMITE)

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. This engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4701] Federally Enforceable Through Title V Permit
3. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight shall be consumed by the engine. [District Rule 4801 and 17 CCR 93115] Federally Enforceable Through Title V Permit
4. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 40 CFR §63.6625 (f)] Federally Enforceable Through Title V Permit
5. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702] Federally Enforceable Through Title V Permit
6. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
7. This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per year. [District Rule 4702] Federally Enforceable Through Title V Permit
8. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
10. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit

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

11. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 40 CFR §63.6660] Federally Enforceable Through Title V Permit
12. The permittee must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR §63.6625(h)] Federally Enforceable Through Title V Permit
13. The engine shall be in full compliance with 40 CFR Part 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). [40 CFR §63.6585/63.6595(a)] Federally Enforceable Through Title V Permit
14. The engine's oil and filter shall be changed every 500 hours of operation or every 12 months, whichever comes first. [40 CFR §63.6603/63.6640 Table 2d, Row 4.a] Federally Enforceable Through Title V Permit
15. The engine's air filter shall be inspected every 1,000 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR §63.6603/63.6640 Table 2d, Row 4.b] Federally Enforceable Through Title V Permit
16. The engine's hoses and belts shall be inspected every 500 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR §63.6603/63.6640 Table 2d, Row 4.c] Federally Enforceable Through Title V Permit
17. The permittee shall maintain monthly records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment. The permittee shall also maintain monthly records of action taken during periods of malfunction to minimize emissions in accordance with §63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [40 CFR §63.6655(a)(2) and (a)(5)] Federally Enforceable Through Title V Permit
18. The permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2c and 2d of Subpart ZZZZ. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2c or 2d to this subpart. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. [40 CFR §63.6625(i)] Federally Enforceable Through Title V Permit

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-14-1

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

AGRICULTURAL GASOLINE DISPENSING OPERATION WITH ONE 1,000 GALLON ABOVEGROUND STORAGE TANK SERVED BY TWO-POINT PHASE I VAPOR RECOVERY SYSTEM (G-70-142-B), AND 1 FUELING POINT WITH 1 PHASE II EXEMPT GASOLINE DISPENSING NOZZLE

PERMIT UNIT REQUIREMENTS

1. The Phase I vapor recovery system shall be installed and maintained in accordance with the manufacturer specifications and the ARB Executive Order specified in this permit, including applicable rules and regulations of the Division of Measurement Standards of the Department of Food and Agriculture, the Office of the State Fire Marshal of the Department of Forestry and Fire Protection, the Division of Occupational Safety and Health of the Department of Industrial Relations, and the Division of Water Quality of the State Water Resources Control Board that have been made conditions of the certification. [District Rule 4621] Federally Enforceable Through Title V Permit
2. The storage container(s) shall be installed, maintained, and operated such that they are leak-free. [District Rule 4621] Federally Enforceable Through Title V Permit
3. The Phase I vapor recovery systems and gasoline dispensing equipment shall be maintained without leaks as determined in accordance with the test method specified in this permit. [District Rule 4621] Federally Enforceable Through Title V Permit
4. A leak is defined as the dripping of VOC-containing liquid at a rate of more than three (3) drops per minute, or the detection of any gaseous or vapor emissions with a concentration of total organic compound greater than 10,000 ppmv, as methane, above background when measured in accordance with EPA Test Method 21. [District Rule 4621] Federally Enforceable Through Title V Permit
5. No gasoline delivery vessel shall be operated or be allowed to operate unless valid State of California decals are displayed on the cargo container, which attest to the vapor integrity of the container. [District Rule 4621] Federally Enforceable Through Title V Permit
6. The permittee shall conduct periodic maintenance inspections based on the greatest monthly throughput of gasoline dispensed by the facility in the previous year as follows: A) less than 2,500 gallons - one day per month; B) 2,500 to less than 25,000 gallons - one day per week; or C) 25,000 gallons or greater - five days per week. All inspections shall be documented within the O & M Manual. [District Rule 4621] Federally Enforceable Through Title V Permit
7. Periodic maintenance inspections of the Phase I vapor recovery system shall include, at a minimum, verification that 1) the fill caps and vapor caps are not missing, damaged, or loose; 2) the fill cap gasket and vapor cap gaskets are not missing or damaged; 3) the fill adapter and vapor adapter are securely attached to the risers; 4) where applicable, the spring-loaded submerged fill tube seals properly against the coaxial tubing; 5) the dry break (poppet-valve) is not missing or damaged; and 6) the submerged fill tube is not missing or damaged. [District Rule 4621] Federally Enforceable Through Title V Permit
8. The permittee shall conduct all periodic vapor recovery system performance tests specified in this permit, no more than 30 days before or after the required compliance testing date, unless otherwise required under the applicable ARB Executive Order. [District Rule 4621] Federally Enforceable Through Title V Permit
9. The permittee shall perform and pass a Static Leak Test for Aboveground Tanks using ARB TP-201.3B or TP-206.3 at least once every 36 months. [District Rule 4621] 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.

10. The permittee shall notify the District at least 7 days prior to each performance test. The test results shall be submitted to the District no later than 30 days after the completion of each test. [District Rule 4621] Federally Enforceable Through Title V Permit
11. A person performing installation of, or maintenance on, a certified Phase I vapor recovery system shall be certified by the ICC for Vapor Recovery System Installation and Repair, or work under the direct and personal supervision of an individual physically present at the work site who is certified. The ICC certification shall be renewed every 24 months. [District Rule 4621] Federally Enforceable Through Title V Permit
12. Proof of the ICC certification and all other certifications required by the Executive Order and installation and operation manual shall be made available onsite. [District Rule 4621] Federally Enforceable Through Title V Permit
13. A person conducting testing of, or repairs to, a certified vapor recovery system shall be in compliance with District Rule 1177 (Gasoline Dispensing Facility Tester Certification). [District Rule 4621]
14. Total gasoline throughput for the facility shall not exceed either of the following: 10,000 gallons in any consecutive 30-day period or 24,000 gallons per calendar year. If throughput exceeds stated limits, the permittee shall submit a complete application for an Authority to Construct (ATC) to the District within 30 days of the loss of exemption and install and test a certified Phase II vapor recovery system within six (6) months from the date the ATC is issued. [District Rule 4622] Federally Enforceable Through Title V Permit
15. The permittee shall maintain monthly and annual gasoline throughput records. The records should allow the gasoline throughput for any 30-day period to be continuously determined. These records shall be maintained on the premises as long as exempt status is claimed. [District Rules 4621 and 4622] Federally Enforceable Through Title V Permit
16. All records required by this permit shall be retained on-site for a period of at least five years and shall be made available for District inspection upon request. [District Rule 4621] Federally Enforceable Through Title V Permit

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-17-1

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

0.28 MMBTU/HR R&K BURN-EASY MODEL 367 DIESEL-FIRED POULTRY INCINERATOR WITH 0.189 MMBTU/HR AFTERBURNER

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Sulfur compound emissions shall not exceed 2000 ppmv as SO₂. [District Rule 4801] Federally Enforceable Through Title V Permit
3. The primary combustion chamber incinerator shall not be operated unless the secondary chamber (afterburner) is operating. [District Rule 4302] 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: N-5526-18-1

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

0.28 MMBTU/HR R&K BURN-EASY MODEL 367 DIESEL-FIRED INCINERATOR WITH 0.189 MMBTU/HR AFTERBURNER

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Sulfur compound emissions shall not exceed 2000 ppmv as SO₂. [District Rule 4801] Federally Enforceable Through Title V Permit
3. The primary combustion chamber incinerator shall not be operated unless the secondary chamber (afterburner) is operating. [District Rule 4302] 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: N-5526-19-1

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

490 BHP DETROIT DIESEL MODEL 606MK35 SPECB34450 DIESEL-FIRED EMERGENCY STANDBY IC ENGINE
POWERING AN ELECTRICAL GENERATOR

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. This engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4701] Federally Enforceable Through Title V Permit
3. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight shall be consumed by the engine. [District Rule 4801 and 17 CCR 93115] Federally Enforceable Through Title V Permit
4. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 40 CFR §63.6625 (f)] Federally Enforceable Through Title V Permit
5. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702] Federally Enforceable Through Title V Permit
6. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
7. This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per year. [District Rule 4702] Federally Enforceable Through Title V Permit
8. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
10. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit

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

11. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 40 CFR §63.6660] Federally Enforceable Through Title V Permit
12. The permittee must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR §63.6625(h)] Federally Enforceable Through Title V Permit
13. The engine shall be in full compliance with 40 CFR Part 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). [40 CFR §63.6585/63.6595(a)] Federally Enforceable Through Title V Permit
14. The engine's oil and filter shall be changed every 500 hours of operation or every 12 months, whichever comes first. [40 CFR §63.6603/63.6640 Table 2d, Row 4.a] Federally Enforceable Through Title V Permit
15. The engine's air filter shall be inspected every 1,000 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR §63.6603/63.6640 Table 2d, Row 4.b] Federally Enforceable Through Title V Permit
16. The engine's hoses and belts shall be inspected every 500 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR §63.6603/63.6640 Table 2d, Row 4.c] Federally Enforceable Through Title V Permit
17. The permittee shall maintain monthly records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment. The permittee shall also maintain monthly records of action taken during periods of malfunction to minimize emissions in accordance with §63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [40 CFR §63.6655(a)(2) and (a)(5)] Federally Enforceable Through Title V Permit
18. The permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2c and 2d of Subpart ZZZZ. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2c or 2d to this subpart. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. [40 CFR §63.6625(i)] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-20-1

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

0.4 MMBTU/HR CHORE-TIME MODEL A600 DIESEL-FIRED POULTRY INCINERATOR WITH 0.09 MMBTU/HR AFTERBURNER

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Sulfur compound emissions shall not exceed 2000 ppmv as SO₂. [District Rule 4801] Federally Enforceable Through Title V Permit
3. The primary combustion chamber incinerator shall not be operated unless the secondary chamber (afterburner) is operating. [District Rule 4302] Federally Enforceable Through Title V Permit
4. Emission rates from this unit shall not exceed any of the following limits: 0.000883 lb-NOX/lb-poultry carcasses; 0.0016 lb-SOX/lb-poultry carcasses; 0.0062 lb-CO/lb-poultry carcasses; 0.0013 lb-PM10/lb-poultry carcasses; and 0.0002 lb-VOC/lb-poultry carcasses. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The maximum poultry incinerator charging rate shall not exceed 600 lb-poultry carcasses per day. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Daily records of weight of poultry carcasses incinerated in each incinerator shall be maintained, retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 1070] 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: N-5526-21-1

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

0.4 MMBTU/HR CHORE-TIME MODEL A600 DIESEL-FIRED POULTRY INCINERATOR WITH 0.09 MMBTU/HR AFTERBURNER

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Sulfur compound emissions shall not exceed 2000 ppmv as SO₂. [District Rule 4801] Federally Enforceable Through Title V Permit
3. The primary combustion chamber incinerator shall not be operated unless the secondary chamber (afterburner) is operating. [District Rule 4302] Federally Enforceable Through Title V Permit
4. Emission rates from this unit shall not exceed any of the following limits: 0.000883 lb-NOX/lb-poultry carcasses; 0.0016 lb-SOX/lb-poultry carcasses; 0.0062 lb-CO/lb-poultry carcasses; 0.0013 lb-PM₁₀/lb-poultry carcasses; and 0.0002 lb-VOC/lb-poultry carcasses. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The maximum poultry incinerator charging rate shall not exceed 600 lb-poultry carcasses per day. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Daily records of weight of poultry carcasses incinerated in each incinerator shall be maintained, retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 1070] 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: N-5526-23-1

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

ORGANIC WASTE MATERIAL RECEIVING, STORAGE, AND MIXING OPERATION

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PERMIT UNIT REQUIREMENTS

1. All material for processing shall be maintained adequately moist to prevent visible emissions in excess of 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
2. The combined quantity of animal manure, poultry litter and agricultural waste received and/or generated shall not exceed 19,062 wet tons (28,600 cubic yards) in any 12-month rolling period. [District Rule 2010] Federally Enforceable Through Title V Permit
3. The permittee shall test the carbon to nitrogen ratio of the composting material when it is prepared for active composting using TMECC Method 05.02A (Carbon to Nitrogen Ratio). Testing shall be done each day that materials are mixed and test samples shall be representative of the initial composition of the active compost pile. [District Rule 4565] Federally Enforceable Through Title V Permit
4. If the tested parameters of the mitigation measure are found to be outside the applicable limits the permittee shall take corrective action, within 24 hours of discovery, to bring the pile characteristics to within the specified limits. [District Rule 4565] Federally Enforceable Through Title V Permit
5. The permittee shall maintain a record indicating a record indicating the date and the tested carbon to nitrogen ratio of the composting material prepared and mixed for active composting use. [District Rule 4565] Federally Enforceable Through Title V Permit
6. The permittee shall record on a daily basis the quantity of organic waste material received that would be used in the compost/co-compost operation. [District Rule 4565] Federally Enforceable Through Title V Permit
7. The permittee shall maintain a cumulative annual log and the log shall include the following: (a) Total quantity and type of each organic waste material received and/or generated onsite (in wet tons); (b) Total quantity and type of each organic waste material mixed for composting (in wet tons). The records shall be updated at least monthly. [District Rule 1070] Federally Enforceable Through Title V Permit
8. All bulk material transport vehicles shall limit the Visible Dust Emissions to 20% opacity by either limiting vehicular speed, maintaining sufficient freeboard on the load, applying water to the top of the load or covering the load with a tarp or other suitable cover. [District Rules 8011 and 8031] Federally Enforceable Through Title V Permit
9. 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 or Rule 8011. [District Rule 8041] Federally Enforceable Through Title V Permit
10. Any open area having 3.0 acres, or more, of disturbed surface area that has remained undeveloped, unoccupied, unused or vacant for more than seven days shall comply with the requirements of District Rule 8051 (Open Areas), unless specifically exempted under Section 4.0 [District Rule 8051] Federally Enforceable Through Title V Permit

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

11. Any new or existing public or private paved or unpaved road, road construction project, or road modification project shall be implement the control measures and design criteria of, and comply with the requirements of District Rule 8061 (Paved and Unpaved Roads), unless specifically exempted under Section 4.0 of Rule 8061. [District Rule 8061] Federally Enforceable Through Title V Permit
12. Water, gravel, roadmix or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District approved control measure shall be applied to unpaved vehicle travel areas as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8011 and 8071] Federally Enforceable Through Title V Permit
13. On each day that 50 or more Vehicle Daily Trips or 25 or more Vehicle Daily Trips with 3 axles or more will occur on an unpaved vehicle/equipment traffic area, the permittee shall apply water, gravel, road mix or chemical/organic dust stabilizers/suppressants, vegetative materials or other District approved control measure as required to limit Visible Dust Emissions to 20% opacity and comply with requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8011 and 8071] Federally Enforceable Through Title V Permit
14. Whenever any portion of the site becomes inactive, the permittee shall restrict access and periodically stabilize any disturbed surface to comply with the conditions for a stabilized surface as defined in District Rule 8011. [District Rules 8011 and 8071] Federally Enforceable Through Title V Permit
15. All records shall be maintained and retained on-site for a minimum of five years and shall be made available for District, ARB or EPA inspection upon request. [District Rules 1070 and 4565] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-24-1

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

OPEN WINDROW ACTIVE AND CURING PHASE CO-COMPOSTING OPERATION

DRAFT

PERMIT UNIT REQUIREMENTS

1. All material for processing shall be maintained adequately moist to prevent visible emissions in excess of 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
2. The permittee shall test the oxygen concentration of each active compost pile and each curing compost pile at least once per week using TMECC Method 05.08-C (In-Situ Oxygen Refresh Rate). [District Rule 4565] Federally Enforceable Through Title V Permit
3. The permittee shall test the moisture content of each active compost pile and each curing compost pile at least once per week using TMECC Method 03.09-C (Total Solids and Moisture at 70 +/- 5 degrees Centigrade). [District Rule 4565] Federally Enforceable Through Title V Permit
4. If the tested oxygen concentration and moisture content are found to be outside the applicable limits the permittee shall take corrective action, within 24 hours of discovery, to bring the pile characteristics to within the specified limits. [District Rule 4565] Federally Enforceable Through Title V Permit
5. The permittee shall maintain a record indicating indicating the date and the tested oxygen concentration of each active compost pile and each curing compost pile. [District Rule 4565] Federally Enforceable Through Title V Permit
6. The permittee shall maintain a record indicating indicating the date and the tested moisture content of each active compost pile and each curing compost pile. [District Rule 4565] Federally Enforceable Through Title V Permit
7. A daily record shall be maintained and shall include the following: (a) Total quantity of active phase composting piles utilized onsite (in wet tons); (b) Total quantity of curing phase composting piles utilized onsite (in wet tons). [District Rules 1070 and 4565] Federally Enforceable Through Title V Permit
8. A cumulative 12-month rolling period record log shall be maintained and shall include the following: (a) Total quantity and type of each organic waste material received and/or generated onsite (in wet tons); (b) Total quantity and type of each organic waste material mixed for composting (in wet tons). The records shall be updated at least monthly. [District Rule 1070] Federally Enforceable Through Title V Permit
9. The permittee shall maintain annual records indicating the quantity of biosolids, animal manure and poultry litter received, generated and composted on site, in tons per year. [District Rule 4565] Federally Enforceable Through Title V Permit
10. All bulk material transport vehicles shall limit Visible Dust Emissions to 20% opacity by either limiting vehicular speed, maintaining sufficient freeboard on the load, applying water to the top of the load or covering the load with a tarp or other suitable cover. [District Rules 8011 and 8031] Federally Enforceable Through Title V Permit
11. 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 or Rule 8011. [District Rule 8041] 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.

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12. Any open area having 3.0 acres, or more, of disturbed surface area that has remained undeveloped, unoccupied, unused or vacant for more than seven days shall comply with the requirements of District Rule 8051 (Open Areas), unless specifically exempted under Section 4.0 [District Rule 8051] Federally Enforceable Through Title V Permit
13. Any new or existing public or private paved or unpaved road, road construction project, or road modification project shall be implement the control measures and design criteria of, and comply with the requirements of District Rule 8061 (Paved and Unpaved Roads), unless specifically exempted under Section 4.0 of Rule 8061. [District Rule 8061] Federally Enforceable Through Title V Permit
14. Water, gravel, roadmix or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District approved control measure shall be applied to unpaved vehicle travel areas as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8011 and 8071] Federally Enforceable Through Title V Permit
15. On each day that 50 or more Vehicle Daily Trips or 25 or more Vehicle Daily Trips with 3 axles or more will occur on an unpaved vehicle/equipment traffic area, the permittee shall apply water, gravel, road mix or chemical/organic dust stabilizers/suppressants, vegetative materials or other District approved control measure as required to limit Visible Dust Emissions to 20% opacity and comply with requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8011 and 8071] Federally Enforceable Through Title V Permit
16. Whenever any portion of the site becomes inactive, the permittee shall restrict access and periodically stabilize any disturbed surface to comply with the conditions for a stabilized surface as defined in District Rule 8011. [District Rules 8011 and 8071] Federally Enforceable Through Title V Permit
17. All records shall be maintained and retained on-site for a minimum of five years and shall be made available for District, ARB or EPA inspection upon request. [District Rules 1070 and 4565] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-25-1

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:
FINISHED COMPOST STORAGE AND LOADOUT OPERATION

DRAFT

PERMIT UNIT REQUIREMENTS

1. All material for processing shall be maintained adequately moist to prevent visible emissions in excess of 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
2. All bulk material transport vehicles shall limit Visible Dust Emissions to 20% opacity by either limiting vehicular speed, maintaining sufficient freeboard on the load, applying water to the top of the load or covering the load with a tarp or other suitable cover. [District Rules 8011 and 8031] Federally Enforceable Through Title V Permit
3. 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 or Rule 8011. [District Rule 8041] Federally Enforceable Through Title V Permit
4. Any open area having 3.0 acres, or more, of disturbed surface area that has remained undeveloped, unoccupied, unused or vacant for more than seven days shall comply with the requirements of District Rule 8051 (Open Areas), unless specifically exempted under Section 4.0 [District Rule 8051] Federally Enforceable Through Title V Permit
5. Any new or existing public or private paved or unpaved road, road construction project, or road modification project shall be implement the control measures and design criteria of, and comply with the requirements of District Rule 8061 (Paved and Unpaved Roads), unless specifically exempted under Section 4.0 of Rule 8061. [District Rule 8061] Federally Enforceable Through Title V Permit
6. Water, gravel, roadmix or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District approved control measure shall be applied to unpaved vehicle travel areas as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8011 and 8071] Federally Enforceable Through Title V Permit
7. On each day that 50 or more Vehicle Daily Trips or 25 or more Vehicle Daily Trips with 3 axles or more will occur on an unpaved vehicle/equipment traffic area, the permittee shall apply water, gravel, road mix or chemical/organic dust stabilizers/suppressants, vegetative materials or other District approved control measure as required to limit Visible Dust Emissions to 20% opacity and comply with requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8011 and 8071] Federally Enforceable Through Title V Permit
8. Whenever any portion of the site becomes inactive, the permittee shall restrict access and periodically stabilize any disturbed surface to comply with the conditions for a stabilized surface as defined in District Rule 8011. [District Rules 8011 and 8071] Federally Enforceable Through Title V Permit
9. All records shall be maintained and retained on-site for a minimum of five years and shall be made available for District, ARB or EPA inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-26-1

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

157 BHP PERKINS MODEL 1104D-E44TAG2 TIER 3 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRIC GENERATOR

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. This engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4702] Federally Enforceable Through Title V Permit
3. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
4. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702, 17 CCR 93115, and 40 CFR 60 Subpart IIII] Federally Enforceable Through Title V Permit
5. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201, 4801, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII] Federally Enforceable Through Title V Permit
6. Emissions from this IC engine shall not exceed any of the following limits: 2.39 g-NOx/bhp-hr, 1.34 g-CO/bhp-hr, or 0.37 g-VOC/bhp-hr. [District Rule 2201, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII] Federally Enforceable Through Title V Permit
7. Emissions from this IC engine shall not exceed 0.15 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII] Federally Enforceable Through Title V Permit
8. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702 and 40 CFR 60 Subpart IIII] Federally Enforceable Through Title V Permit
9. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
10. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
11. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit

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

12. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
13. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 50 hours per calendar year. [District Rule 4702, 17 CCR 93115 and 40 CFR Part 60 Subpart IIII] Federally Enforceable Through Title V Permit
14. The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
15. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit

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

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Attachment A

Detailed Facility Printout

Detailed Facility Report
For Facility=5526 and excluding Deleted Permits
Sorted by Facility Name and Permit Number

RAINBOW FARMS 1220 HALL RD DENAIR, CA 95316	FAC # STATUS: TELEPHONE:	N 5526 A	TYPE: TOXIC ID:	TitleV	EXPIRE ON: AREA: INSP. DATE:	12/31/2015 7 / 306 04/13
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PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-5526-1-3	624 HP LAYING HEN HOUSES	3020-01 F	1	607.00	607.00	A	LAYING HEN RANCH INCLUDING 1,786,000 LAYERS CONSISTING OF 23 MECHANICALLY VENTILATED LAYER HOUSES INCLUDING ELECTRIC FANS TOTALING 624 HP
N-5526-2-2	SOLID MANURE MANAGEMENT	3020-06	1	105.00	105.00	A	SOLID MANURE HANDLING SYSTEM CONSISTING OF OPEN MANURE STOCK PILES WITH SOLID MANURE APPLICATION TO LAND, OFFSITE HAULING, AND ON-SITE COMPOSTING
N-5526-4-0	234 HP IC ENGINE	3020-10 C	1	240.00	240.00	A	234 BHP CATERPILLAR MODEL 3306D1 (S/N: 85Z11102) DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (PEPPER)
N-5526-6-0	147 HP IC ENGINE	3020-10 B	1	117.00	117.00	A	147 BHP DEUTZ MODEL 1013FC (S/N: 00410072) DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (CORTEZ)
N-5526-7-0	1839 HP IC ENGINE	3020-10 F	1	749.00	749.00	A	1,839 BHP CATERPILLAR MODEL 3306DI DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (HALL)
N-5526-9-0	450 HP IC ENGINE	3020-10 D	1	479.00	479.00	A	450 BHP GENERAL MOTORS MODEL W-LS-TT (S/N: 500-600) DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (SHASTA)
N-5526-10-0	450 HP IC ENGINE	3020-10 D	1	479.00	479.00	A	450 BHP DETROIT MODEL 12V71 DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (SIERRA)
N-5526-11-0	450 HP IC ENGINE	3020-10 D	1	479.00	479.00	A	450 BHP GENERAL MOTORS MODEL 400-600 (S/N: D*W-LS-T) DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (TAHOE)
N-5526-12-0	450 HP IC ENGINE	3020-10 D	1	479.00	479.00	A	450 BHP DAEWOO MODEL P180LE(G) (S/N: 401438EASOC) DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (VEGAS)
N-5526-13-0	300 HP IC ENGINE	3020-10 C	1	240.00	240.00	A	300 BHP GENERAL MOTORS MODEL 500-600 (S/N: 514769) DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (YOSEMITE)
N-5526-14-0	1 Nozzle	3020-11 A	1	34.00	34.00	A	AGRICULTURAL GASOLINE DISPENSING OPERATION WITH ONE 1,000 GALLON ABOVEGROUND STORAGE TANK SERVED BY TWO-POINT PHASE I VAPOR RECOVERY SYSTEM (G-70-142-B), AND 1 FUELING POINT WITH 1 PHASE II EXEMPT GASOLINE DISPENSING NOZZLE
N-5526-17-0	469 kBtu/hr burner	3020-02 C	1	197.00	197.00	A	0.28 MMBTU/HR R&K BURN-EASY MODEL 367 DIESEL-FIRED POULTRY INCINERATOR WITH 0.189 MMBTU/HR AFTERBURNER

Detailed Facility Report
For Facility=5526 and excluding Deleted Permits
Sorted by Facility Name and Permit Number

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-5526-18-0	469 kBtu/hr burner	3020-02 C	1	197.00	197.00	A	0.28 MMBTU/HR R&K BURN-EASY MODEL 367 DIESEL-FIRED INCINERATOR WITH 0.189 MMBTU/HR AFTERBURNER
N-5526-19-0	490 HP	3020-10 D	1	479.00	479.00	A	490 BHP DETROIT DIESEL MODEL 606MK35 SPECB34450 DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR
N-5526-20-0	0.5 MMBtu/hr	3020-02 C	1	197.00	197.00	A	0.4 MMBTU/HR CHORE-TIME MODEL A600 DIESEL-FIRED POULTRY INCINERATOR WITH 0.09 MMBTU/HR AFTERBURNER
N-5526-21-0	0.5 MMBtu/hr burner	3020-02 C	1	197.00	197.00	A	0.4 MMBTU/HR CHORE-TIME MODEL A600 DIESEL-FIRED POULTRY INCINERATOR WITH 0.09 MMBTU/HR AFTERBURNER
N-5526-23-0	Miscellaneous	3020-06	1	105.00	105.00	A	ORGANIC WASTE MATERIAL RECEIVING, STORAGE, AND MIXING OPERATION
N-5526-24-0	Miscellaneous	3020-06	1	105.00	105.00	A	OPEN WINDROW ACTIVE AND CURING PHASE CO-COMPOSTING OPERATION
N-5526-25-0	Miscellaneous	3020-06	1	105.00	105.00	A	FINISHED COMPOST STORAGE AND LOADOUT OPERATION
N-5526-26-0	157 bhp	3020-10 B	1	117.00	117.00	A	157 BHP PERKINS MODEL 1104D-E44TAG2 TIER 3 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRIC GENERATOR

Number of Facilities Reported: 1

Attachment B

SJVUAPCD Permits



Permit to Operate

FACILITY: N-5526

EXPIRATION DATE: 12/31/2015

LEGAL OWNER OR OPERATOR: RAINBOW FARMS
MAILING ADDRESS: PO BOX 910
TURLOCK, CA 95381

FACILITY LOCATION: 1220 HALL RD
DENAIR, CA 95316

FACILITY DESCRIPTION: CHICKEN EGGS

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

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

Seyed Sadredin
Executive Director / APCO

David Warner
Director of Permit Services

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-1-3

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

LAYING HEN RANCH INCLUDING 1,786,000 LAYERS CONSISTING OF 23 MECHANICALLY VENTILATED LAYER HOUSES INCLUDING ELECTRIC FANS TOTALING 624 HP

PERMIT UNIT REQUIREMENTS

1. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 1070]
2. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 1070]
3. Permittee shall implement and maintain all the mitigation measures contained in this permit no later than December 25, 2013 [District Rule 4570]
4. Mitigation measures that are currently being implemented as required by Phase I of Rule 4570 should continue to be implemented until the mitigation measures required under this permit are implemented. [District Rule 4570]
5. If a licensed veterinarian or a certified nutritionist determines that any VOC mitigation measure will be required to be suspended as a detriment to animal health or necessary for the animal to molt, the owners/operators must notify the District in writing within forty-eight (48) hours of the determination including the duration and the specific health condition requiring the mitigation measure to be suspended. If the situation is expected to exist longer than a thirty-day (30) period, the owner/operator shall submit a new emission mitigation plan designating a mitigation measure to be implemented in lieu of the suspended mitigation measure. [District Rule 4570]
6. Permittee shall feed animals additives such as amylase, xylanase, and protease, designed to maximize digestive efficiency. [District Rule 4570]
7. Permittee shall maintain records that demonstrate animals are fed feed additives such as amylase, xylanase, and protease. Records such as feed company guaranteed analyses (feed tags), ration sheets, or feed purchase records may be used to meet this. [District Rule 4570]
8. Permittee shall use drinkers that do not drip continuously. [District Rule 4570]
9. Permittee shall inspect water pipes and drinkers and repair leaks daily. [District Rule 4570]
10. Permittee shall maintain records indicating that water pipes and drinkers are inspected daily and that any leaks are repaired. [District Rule 4570]
11. Permittee shall maintain a record of the number of animals of each species and production group at the facility and shall maintain quarterly records of any changes to this information. [District Rule 4570]
12. Permittee shall keep and maintain all records for a minimum of five (5) years and shall make records available to the APCO and EPA upon request. [District Rule 4570]
13. This permit does not authorize the violation of any conditions established for this facility in the Conditional Use Permit (CUP), Special Use Permit (SUP), Site Approval, Site Plan Review (SPR), or other approval documents issued by a local, state, or federal agency. [Public Resources Code 21000-21177: California Environmental Quality Act]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-2-2

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

SOLID MANURE HANDLING SYSTEM CONSISTING OF OPEN MANURE STOCK PILES WITH SOLID MANURE APPLICATION TO LAND, OFFSITE HAULING, AND ON-SITE COMPOSTING

PERMIT UNIT REQUIREMENTS

1. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 1070]
2. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 1070]
3. Permittee shall implement and maintain all the mitigation measures contained in this permit no later than December 25, 2013. [District Rule 4570]
4. Mitigation measures that are currently being implemented as required by Phase I of Rule 4570 should continue to be implemented until the mitigation measures required under this permit are implemented. [District Rule 4570]
5. If a licensed veterinarian or a certified nutritionist determines that any VOC mitigation measure will be required to be suspended as a detriment to animal health or necessary for the animal to molt, the owners/operators must notify the District in writing within forty-eight (48) hours of the determination including the duration and the specific health condition requiring the mitigation measure to be suspended. If the situation is expected to exist longer than a thirty-day (30) period, the owner/operator shall submit a new emission mitigation plan designating a mitigation measure to be implemented in lieu of the suspended mitigation measure. [District Rule 4570]
6. Within seventy two (72) hours of removal of solid manure from housing, permittee shall either 1) remove all litter/manure from the facility, or 2) cover litter/manure outside the housing with a weatherproof covering from October through May, except for times when wind events remove the covering, not to exceed twenty-four (24) hours per event. [District Rule 4570]
7. Permittee shall keep records of dates when litter/manure is removed from the facility; manure hauling invoices may be used to meet this requirement, or permittee shall maintain records to demonstrate that litter/manure piles outside the pens are covered with a weatherproof covering from October through May. [District Rule 4570]
8. If weatherproof coverings are used, permittee shall maintain records, such as manufacturer warranties or other documentation, demonstrating that the weatherproof covering over dry manure are installed, used, and maintained in accordance with manufacturer recommendations and applicable standards listed in NRCS Field Office Technical Guide Code 313 or 367, or any other applicable standard approved by the APCO, ARB, and EPA. [District Rule 4570]
9. This permit does not authorize the violation of any conditions established for this facility in the Conditional Use Permit (CUP), Special Use Permit (SUP), Site Approval, Site Plan Review (SPR), or other approval documents issued by a local, state, or federal agency. [Public Resources Code 21000-21177: California Environmental Quality Act]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-4-0

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

234 BHP CATERPILLAR MODEL 3306D1 (S/N: 85Z11102) DIESEL-FIRED EMERGENCY STANDBY IC ENGINE
POWERING AN ELECTRICAL GENERATOR (PEPPER)

PERMIT UNIT REQUIREMENTS

1. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 1070]
2. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 1070]
3. This permit does not authorize the violation of any conditions established for this facility in the Conditional Use Permit (CUP), Special Use Permit (SUP), Site Approval, Site Plan Review (SPR), or other approval documents issued by a local, state, or federal agency. [Public Resources Code 21000-21177: California Environmental Quality Act]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
6. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
7. This engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4702]
8. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight shall be consumed by the engine. [District Rule 4801 and 17 CCR 93115]
9. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702]
10. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]
11. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
12. This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per year. [District Rule 4702]

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

13. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115]
14. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702]
15. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702]
16. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-6-0

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

147 BHP DEUTZ MODEL 1013FC (S/N: 00410072) DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (CORTEZ)

PERMIT UNIT REQUIREMENTS

1. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 1070]
2. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 1070]
3. This permit does not authorize the violation of any conditions established for this facility in the Conditional Use Permit (CUP), Special Use Permit (SUP), Site Approval, Site Plan Review (SPR), or other approval documents issued by a local, state, or federal agency. [Public Resources Code 21000-21177: California Environmental Quality Act]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
6. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
7. This engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4702]
8. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight shall be consumed by the engine. [District Rule 4801 and 17 CCR 93115]
9. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702]
10. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]
11. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
12. This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per year. [District Rule 4702]

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

13. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115]
14. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702]
15. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702]
16. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-7-0

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

1,839 BHP CATERPILLAR MODEL 3306DI DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (HALL)

PERMIT UNIT REQUIREMENTS

1. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 1070]
2. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 1070]
3. This permit does not authorize the violation of any conditions established for this facility in the Conditional Use Permit (CUP), Special Use Permit (SUP), Site Approval, Site Plan Review (SPR), or other approval documents issued by a local, state, or federal agency. [Public Resources Code 21000-21177: California Environmental Quality Act]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
6. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
7. This engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4702]
8. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight shall be consumed by the engine. [District Rule 4801 and 17 CCR 93115]
9. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702]
10. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]
11. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
12. This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per year. [District Rule 4702]

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

13. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115]
14. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702]
15. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702]
16. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-9-0

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

450 BHP GENERAL MOTORS MODEL W-LS-TT (S/N: 500-600) DIESEL-FIRED EMERGENCY STANDBY IC ENGINE
POWERING AN ELECTRICAL GENERATOR (SHASTA)

PERMIT UNIT REQUIREMENTS

1. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 1070]
2. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 1070]
3. This permit does not authorize the violation of any conditions established for this facility in the Conditional Use Permit (CUP), Special Use Permit (SUP), Site Approval, Site Plan Review (SPR), or other approval documents issued by a local, state, or federal agency. [Public Resources Code 21000-21177: California Environmental Quality Act]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
6. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
7. This engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4702]
8. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight shall be consumed by the engine. [District Rule 4801 and 17 CCR 93115]
9. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702]
10. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]
11. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
12. This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per year. [District Rule 4702]

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

13. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115]
14. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702]
15. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702]
16. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-10-0

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

450 BHP DETROIT MODEL 12V71 DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (SIERRA)

PERMIT UNIT REQUIREMENTS

1. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 1070]
2. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 1070]
3. This permit does not authorize the violation of any conditions established for this facility in the Conditional Use Permit (CUP), Special Use Permit (SUP), Site Approval, Site Plan Review (SPR), or other approval documents issued by a local, state, or federal agency. [Public Resources Code 21000-21177: California Environmental Quality Act]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
6. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
7. This engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4702]
8. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight shall be consumed by the engine. [District Rule 4801 and 17 CCR 93115]
9. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702]
10. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]
11. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
12. This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per year. [District Rule 4702]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115]
14. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702]
15. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702]
16. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-11-0

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

450 BHP GENERAL MOTORS MODEL 400-600 (S/N: D*W-LS-T) DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR (TAHOE)

PERMIT UNIT REQUIREMENTS

1. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 1070]
2. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 1070]
3. This permit does not authorize the violation of any conditions established for this facility in the Conditional Use Permit (CUP), Special Use Permit (SUP), Site Approval, Site Plan Review (SPR), or other approval documents issued by a local, state, or federal agency. [Public Resources Code 21000-21177: California Environmental Quality Act]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
6. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
7. This engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4702]
8. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight shall be consumed by the engine. [District Rule 4801 and 17 CCR 93115]
9. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702]
10. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]
11. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
12. This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per year. [District Rule 4702]

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

13. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115]
14. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702]
15. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702]
16. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-12-0

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

450 BHP DAEWOO MODEL P180LE(G) (S/N: 401438EASOC) DIESEL-FIRED EMERGENCY STANDBY IC ENGINE
POWERING AN ELECTRICAL GENERATOR (VEGAS)

PERMIT UNIT REQUIREMENTS

1. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 1070]
2. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 1070]
3. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
6. This IC engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4701]
7. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight shall be consumed by the engine. [District Rule 4801 and 17 CCR 93115]
8. The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702 and 17 CCR 93115]
9. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 17 CCR 93115]
10. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]
11. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
12. This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per year. [District Rule 4702]
13. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702]
15. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702]
16. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 17 CCR 93115]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-13-0

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

300 BHP GENERAL MOTORS MODEL 500-600 (S/N: 514769) DIESEL-FIRED EMERGENCY STANDBY IC ENGINE
POWERING AN ELECTRICAL GENERATOR (YOSEMITE)

PERMIT UNIT REQUIREMENTS

1. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 1070]
2. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 1070]
3. This permit does not authorize the violation of any conditions established for this facility in the Conditional Use Permit (CUP), Special Use Permit (SUP), Site Approval, Site Plan Review (SPR), or other approval documents issued by a local, state, or federal agency. [Public Resources Code 21000-21177: California Environmental Quality Act]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
6. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
7. This engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4702]
8. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight shall be consumed by the engine. [District Rule 4801 and 17 CCR 93115]
9. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702]
10. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]
11. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
12. This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per year. [District Rule 4702]

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

13. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115]
14. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702]
15. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702]
16. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-14-0

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

AGRICULTURAL GASOLINE DISPENSING OPERATION WITH ONE 1,000 GALLON ABOVEGROUND STORAGE TANK SERVED BY TWO-POINT PHASE I VAPOR RECOVERY SYSTEM (G-70-142-B), AND 1 FUELING POINT WITH 1 PHASE II EXEMPT GASOLINE DISPENSING NOZZLE

PERMIT UNIT REQUIREMENTS

1. The Phase I vapor recovery system shall be installed and maintained in accordance with the manufacturer specifications and the ARB Executive Order specified in this permit, including applicable rules and regulations of the Division of Measurement Standards of the Department of Food and Agriculture, the Office of the State Fire Marshal of the Department of Forestry and Fire Protection, the Division of Occupational Safety and Health of the Department of Industrial Relations, and the Division of Water Quality of the State Water Resources Control Board that have been made conditions of the certification. [District Rule 4621]
2. The storage container(s) shall be installed, maintained, and operated such that they are leak-free. [District Rule 4621]
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. The Phase I vapor recovery systems and gasoline dispensing equipment shall be maintained without leaks as determined in accordance with the test method specified in this permit. [District Rule 4621]
5. A leak is defined as the dripping of VOC-containing liquid at a rate of more than three (3) drops per minute, or the detection of any gaseous or vapor emissions with a concentration of total organic compound greater than 10,000 ppmv, as methane, above background when measured in accordance with EPA Test Method 21. [District Rule 4621]
6. No gasoline delivery vessel shall be operated or be allowed to operate unless valid State of California decals are displayed on the cargo container, which attest to the vapor integrity of the container. [District Rule 4621]
7. The permittee shall conduct periodic maintenance inspections based on the greatest monthly throughput of gasoline dispensed by the facility in the previous year as follows: A) less than 2,500 gallons - one day per month; B) 2,500 to less than 25,000 gallons - one day per week; or C) 25,000 gallons or greater - five days per week. All inspections shall be documented within the O & M Manual. [District Rule 4621]
8. Periodic maintenance inspections of the Phase I vapor recovery system shall include, at a minimum, verification that 1) the fill caps and vapor caps are not missing, damaged, or loose; 2) the fill cap gasket and vapor cap gaskets are not missing or damaged; 3) the fill adapter and vapor adapter are securely attached to the risers; 4) where applicable, the spring-loaded submerged fill tube seals properly against the coaxial tubing; 5) the dry break (poppet-valve) is not missing or damaged; and 6) the submerged fill tube is not missing or damaged. [District Rule 4621]
9. The permittee shall conduct all periodic vapor recovery system performance tests specified in this permit, no more than 30 days before or after the required compliance testing date, unless otherwise required under the applicable ARB Executive Order. [District Rule 4621]
10. The permittee shall perform and pass a Static Leak Test for Aboveground Tanks using ARB TP-201.3B or TP-206.3 at least once every 36 months. [District Rule 4621]
11. The permittee shall notify the District at least 7 days prior to each performance test. The test results shall be submitted to the District no later than 30 days after the completion of each test. [District Rule 4621]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

12. A person performing installation of, or maintenance on, a certified Phase I vapor recovery system shall be certified by the ICC for Vapor Recovery System Installation and Repair, or work under the direct and personal supervision of an individual physically present at the work site who is certified. The ICC certification shall be renewed every 24 months. [District Rule 4621]
13. Proof of the ICC certification and all other certifications required by the Executive Order and installation and operation manual shall be made available onsite. [District Rule 4621]
14. A person conducting testing of, or repairs to, a certified vapor recovery system shall be in compliance with District Rule 1177 (Gasoline Dispensing Facility Tester Certification). [District Rule 4621]
15. Total gasoline throughput for the facility shall not exceed either of the following: 10,000 gallons in any consecutive 30-day period or 24,000 gallons per calendar year. If throughput exceeds stated limits, the permittee shall submit a complete application for an Authority to Construct (ATC) to the District within 30 days of the loss of exemption and install and test a certified Phase II vapor recovery system within six (6) months from the date the ATC is issued. [District Rule 4622]
16. The permittee shall maintain monthly and annual gasoline throughput records. The records should allow the gasoline throughput for any 30-day period to be continuously determined. These records shall be maintained on the premises as long as exempt status is claimed. [District Rules 4621 and 4622]
17. All records required by this permit shall be retained on-site for a period of at least five years and shall be made available for District inspection upon request. [District Rule 4621]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-17-0

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

0.28 MMBTU/HR R&K BURN-EASY MODEL 367 DIESEL-FIRED POULTRY INCINERATOR WITH 0.189 MMBTU/HR AFTERBURNER

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
4. Sulfur compound emissions shall not exceed 2000 ppmv as SO₂. [District Rule 4801]
5. The primary combustion chamber incinerator shall not be operated unless the secondary chamber (afterburner) is operating. [District Rule 4302]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-18-0

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

0.28 MMBTU/HR R&K BURN-EASY MODEL 367 DIESEL-FIRED INCINERATOR WITH 0.189 MMBTU/HR AFTERBURNER

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
4. Sulfur compound emissions shall not exceed 2000 ppmv as SO₂. [District Rule 4801]
5. The primary combustion chamber incinerator shall not be operated unless the secondary chamber (afterburner) is operating. [District Rule 4302]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-19-0

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

490 BHP DETROIT DIESEL MODEL 606MK35 SPECB34450 DIESEL-FIRED EMERGENCY STANDBY IC ENGINE
POWERING AN ELECTRICAL GENERATOR

PERMIT UNIT REQUIREMENTS

1. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 1070]
2. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 1070]
3. This permit does not authorize the violation of any conditions established for this facility in the Conditional Use Permit (CUP), Special Use Permit (SUP), Site Approval, Site Plan Review (SPR), or other approval documents issued by a local, state, or federal agency. [Public Resources Code 21000-21177: California Environmental Quality Act]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
6. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
7. This engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4702]
8. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight shall be consumed by the engine. [District Rule 4801 and 17 CCR 93115]
9. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702]
10. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]
11. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
12. This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per year. [District Rule 4702]

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

13. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115]
14. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702]
15. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702]
16. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-20-0

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

0.4 MMBTU/HR CHORE-TIME MODEL A600 DIESEL-FIRED POULTRY INCINERATOR WITH 0.09 MMBTU/HR AFTERBURNER

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
4. Sulfur compound emissions shall not exceed 2000 ppmv as SO₂. [District Rule 4801]
5. The primary combustion chamber incinerator shall not be operated unless the secondary chamber (afterburner) is operating. [District Rule 4302]
6. Emission rates from this unit shall not exceed any of the following limits: 0.000883 lb-NOX/lb-poultry carcasses; 0.0016 lb-SOX/lb-poultry carcasses; 0.0062 lb-CO/lb-poultry carcasses; 0.0013 lb-PM₁₀/lb-poultry carcasses; and 0.0002 lb-VOC/lb-poultry carcasses. [District Rule 2201]
7. The maximum poultry incinerator charging rate shall not exceed 600 lb-poultry carcasses per day. [District Rule 2201]
8. Daily records of weight of poultry carcasses incinerated in each incinerator shall be maintained, retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 1070]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-21-0

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

0.4 MMBTU/HR CHORE-TIME MODEL A600 DIESEL-FIRED POULTRY INCINERATOR WITH 0.09 MMBTU/HR AFTERBURNER

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
4. Sulfur compound emissions shall not exceed 2000 ppmv as SO₂. [District Rule 4801]
5. The primary combustion chamber incinerator shall not be operated unless the secondary chamber (afterburner) is operating. [District Rule 4302]
6. Emission rates from this unit shall not exceed any of the following limits: 0.000883 lb-NOX/lb-poultry carcasses; 0.0016 lb-SOX/lb-poultry carcasses; 0.0062 lb-CO/lb-poultry carcasses; 0.0013 lb-PM10/lb-poultry carcasses; and 0.0002 lb-VOC/lb-poultry carcasses. [District Rule 2201]
7. The maximum poultry incinerator charging rate shall not exceed 600 lb-poultry carcasses per day. [District Rule 2201]
8. Daily records of weight of poultry carcasses incinerated in each incinerator shall be maintained, retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 1070]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-23-0

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

ORGANIC WASTE MATERIAL RECEIVING, STORAGE, AND MIXING OPERATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
3. All material for processing shall be maintained adequately moist to prevent visible emissions in excess of 20% opacity. [District Rule 4101]
4. The combined quantity of animal manure, poultry litter and agricultural waste received and/or generated shall not exceed 19,062 wet tons (28,600 cubic yards) in any 12-month rolling period. [District Rule 2010]
5. The permittee shall test the carbon to nitrogen ratio of the composting material when it is prepared for active composting using TMECC Method 05.02A (Carbon to Nitrogen Ratio). Testing shall be done each day that materials are mixed and test samples shall be representative of the initial composition of the active compost pile. [District Rule 4565]
6. If the tested parameters of the mitigation measure are found to be outside the applicable limits the permittee shall take corrective action, within 24 hours of discovery, to bring the pile characteristics to within the specified limits. [District Rule 4565]
7. The permittee shall maintain a record indicating a record indicating the date and the tested carbon to nitrogen ratio of the composting material prepared and mixed for active composting use. [District Rule 4565]
8. The permittee shall maintain a cumulative annual log and the log shall include the following: (a) Total quantity and type of each organic waste material received and/or generated onsite (in wet tons); (b) Total quantity and type of each organic waste material mixed for composting (in wet tons). The records shall be updated at least monthly. [District Rule 1070]
9. All bulk material transport vehicles shall limit the Visible Dust Emissions to 20% opacity by either limiting vehicular speed, maintaining sufficient freeboard on the load, applying water to the top of the load or covering the load with a tarp or other suitable cover. [District Rules 8011 and 8031]
10. 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 or Rule 8011. [District Rule 8041]
11. Any open area having 3.0 acres, or more, of disturbed surface area that has remained undeveloped, unoccupied, unused or vacant for more than seven days shall comply with the requirements of District Rule 8051 (Open Areas), unless specifically exempted under Section 4.0 [District Rule 8051]
12. Any new or existing public or private paved or unpaved road, road construction project, or road modification project shall be implement the control measures and design criteria of, and comply with the requirements of District Rule 8061 (Paved and Unpaved Roads), unless specifically exempted under Section 4.0 of Rule 8061. [District Rule 8061]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. Water, gravel, roadmix or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District approved control measure shall be applied to unpaved vehicle travel areas as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8011 and 8071]
14. On each day that 50 or more Vehicle Daily Trips or 25 or more Vehicle Daily Trips with 3 axles or more will occur on an unpaved vehicle/equipment traffic area, the permittee shall apply water, gravel, road mix or chemical/organic dust stabilizers/suppressants, vegetative materials or other District approved control measure as required to limit Visible Dust Emissions to 20% opacity and comply with requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8011 and 8071]
15. Whenever any portion of the site becomes inactive, the permittee shall restrict access and periodically stabilize any disturbed surface to comply with the conditions for a stabilized surface as defined in District Rule 8011. [District Rules 8011 and 8071]
16. This permit does not authorize the facility to operate without the required permits from other local, state or federal agency and does not authorize the violation of any conditions established for this facility in the Conditional Use Permit (CUP), Special Use Permit (SUP), Site Approval, Site Plan Review (SPR), or other approval documents issued by a local, state or federal agency. [District Rules 2070 and 2080]
17. All records shall be maintained and retained on-site for a minimum of five years and shall be made available for District, ARB or EPA inspection upon request. [District Rule 1070]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-24-0

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

OPEN WINDROW ACTIVE AND CURING PHASE CO-COMPOSTING OPERATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
3. All material for processing shall be maintained adequately moist to prevent visible emissions in excess of 20% opacity. [District Rule 4101]
4. The permittee shall test the oxygen concentration of each active compost pile and each curing compost pile at least once per week using TMECC Method 05.08-C (In-Situ Oxygen Refresh Rate). [District Rule 4565]
5. The permittee shall test the moisture content of each active compost pile and each curing compost pile at least once per week using TMECC Method 03.09-C (Total Solids and Moisture at 70 +/- 5 degrees Centigrade). [District Rule 4565]
6. If the tested oxygen concentration and moisture content are found to be outside the applicable limits the permittee shall take corrective action, within 24 hours of discovery, to bring the pile characteristics to within the specified limits. [District Rule 4565]
7. The permittee shall maintain a record indicating indicating the date and the tested oxygen concentration of each active compost pile and each curing compost pile. [District Rule 4565]
8. The permittee shall maintain a record indicating indicating the date and the tested moisture content of each active compost pile and each curing compost pile. [District Rule 4565]
9. A daily record shall be maintained and shall include the following: (a) Total quantity of active phase composting piles utilized onsite (in wet tons); (b) Total quantity of curing phase composting piles utilized onsite (in wet tons). [District Rules 1070 and 4565]
10. A cumulative 12-month rolling period record log shall be maintained and shall include the following: (a) Total quantity and type of each organic waste material received and/or generated onsite (in wet tons); (b) Total quantity and type of each organic waste material mixed for composting (in wet tons). The records shall be updated at least monthly. [District Rule 1070]
11. The permittee shall maintain annual records indicating the quantity of biosolids, animal manure and poultry litter received, generated and composted on site, in tons per year. [District Rule 4565]
12. All bulk material transport vehicles shall limit Visible Dust Emissions to 20% opacity by either limiting vehicular speed, maintaining sufficient freeboard on the load, applying water to the top of the load or covering the load with a tarp or other suitable cover. [District Rules 8011 and 8031]
13. 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 or Rule 8011. [District Rule 8041]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. Any open area having 3.0 acres, or more, of disturbed surface area that has remained undeveloped, unoccupied, unused or vacant for more than seven days shall comply with the requirements of District Rule 8051 (Open Areas), unless specifically exempted under Section 4.0 [District Rule 8051]
15. Any new or existing public or private paved or unpaved road, road construction project, or road modification project shall implement the control measures and design criteria of, and comply with the requirements of District Rule 8061 (Paved and Unpaved Roads), unless specifically exempted under Section 4.0 of Rule 8061. [District Rule 8061]
16. Water, gravel, roadmix or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District approved control measure shall be applied to unpaved vehicle travel areas as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8011 and 8071]
17. On each day that 50 or more Vehicle Daily Trips or 25 or more Vehicle Daily Trips with 3 axles or more will occur on an unpaved vehicle/equipment traffic area, the permittee shall apply water, gravel, road mix or chemical/organic dust stabilizers/suppressants, vegetative materials or other District approved control measure as required to limit Visible Dust Emissions to 20% opacity and comply with requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8011 and 8071]
18. Whenever any portion of the site becomes inactive, the permittee shall restrict access and periodically stabilize any disturbed surface to comply with the conditions for a stabilized surface as defined in District Rule 8011. [District Rules 8011 and 8071]
19. This permit does not authorize the facility to operate without the required permits from other local, state or federal agency and does not authorize the violation of any conditions established for this facility in the Conditional Use Permit (CUP), Special Use Permit (SUP), Site Approval, Site Plan Review (SPR), or other approval documents issued by a local, state or federal agency. [District Rules 2070 and 2080]
20. All records shall be maintained and retained on-site for a minimum of five years and shall be made available for District, ARB or EPA inspection upon request. [District Rule 1070]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-25-0

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:
FINISHED COMPOST STORAGE AND LOADOUT OPERATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
3. All material for processing shall be maintained adequately moist to prevent visible emissions in excess of 20% opacity. [District Rule 4101]
4. All bulk material transport vehicles shall limit Visible Dust Emissions to 20% opacity by either limiting vehicular speed, maintaining sufficient freeboard on the load, applying water to the top of the load or covering the load with a tarp or other suitable cover. [District Rules 8011 and 8031]
5. 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 or Rule 8011. [District Rule 8041]
6. Any open area having 3.0 acres, or more, of disturbed surface area that has remained undeveloped, unoccupied, unused or vacant for more than seven days shall comply with the requirements of District Rule 8051 (Open Areas), unless specifically exempted under Section 4.0 [District Rule 8051]
7. Any new or existing public or private paved or unpaved road, road construction project, or road modification project shall be implement the control measures and design criteria of, and comply with the requirements of District Rule 8061 (Paved and Unpaved Roads), unless specifically exempted under Section 4.0 of Rule 8061. [District Rule 8061]
8. Water, gravel, roadmix or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District approved control measure shall be applied to unpaved vehicle travel areas as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8011 and 8071]
9. On each day that 50 or more Vehicle Daily Trips or 25 or more Vehicle Daily Trips with 3 axles or more will occur on an unpaved vehicle/equipment traffic area, the permittee shall apply water, gravel, road mix or chemical/organic dust stabilizers/suppressants, vegetative materials or other District approved control measure as required to limit Visible Dust Emissions to 20% opacity and comply with requirements for a stabilized unpaved road as defined in District Rule 8011. [District Rules 8011 and 8071]
10. Whenever any portion of the site becomes inactive, the permittee shall restrict access and periodically stabilize any disturbed surface to comply with the conditions for a stabilized surface as defined in District Rule 8011. [District Rules 8011 and 8071]
11. This permit does not authorize the facility to operate without the required permits from other local, state or federal agency and does not authorize the violation of any conditions established for this facility in the Conditional Use Permit (CUP), Special Use Permit (SUP), Site Approval, Site Plan Review (SPR), or other approval documents issued by a local, state or federal agency. [District Rules 2070 and 2080]

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

12. All records shall be maintained and retained on-site for a minimum of five years and shall be made available for District, ARB or EPA inspection upon request. [District Rule 1070]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-5526-26-0

EXPIRATION DATE: 12/31/2015

EQUIPMENT DESCRIPTION:

157 BHP PERKINS MODEL 1104D-E44TAG2 TIER 3 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE
POWERING AN ELECTRIC GENERATOR

PERMIT UNIT REQUIREMENTS

1. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 1070]
2. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 1070]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
4. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
5. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
6. This engine shall only be used for the growing of crops or raising of fowl or animals. [District Rule 4702]
7. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
8. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702, 17 CCR 93115, and 40 CFR 60 Subpart IIII]
9. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, 17 CCR 93115, 40 CFR Part 60 Subpart IIII]
10. Emissions from this IC engine shall not exceed any of the following limits: 2.39 g-NOx/bhp-hr, 1.34 g-CO/bhp-hr, or 0.37 g-VOC/bhp-hr. [District Rule 2201, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]
11. Emissions from this IC engine shall not exceed 0.15 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]
12. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702 and 40 CFR 60 Subpart IIII]
13. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
14. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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15. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702]
16. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115]
17. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 50 hours per calendar year. [District Rule 4702, 17 CCR 93115 and 40 CFR Part 60 Subpart III]
18. The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702 and 17 CCR 93115]
19. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 17 CCR 93115]

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