



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT



NOV 26 2019

Mr. Rene Soto
Barrel Ten Quarter Circle Co. Inc.
21801 E Highway 120
Escalon, CA 95320

Re: Notice of Preliminary Decision - Federally Mandated Operating Permit
Facility Number: N-398
Project Number: N-1182690

Dear Mr. Soto:

Enclosed for your review is the District's analysis of Barrel Ten Quarter Circle Co. Inc.'s application for the Federally Mandated Operating Permit for its operation at 21801 E. Highway 120, Escalon, California.

The notice of preliminary decision for this project has been posted on the District's website (www.valleyair.org). 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. Nick Peirce, Permit Services Manager, at (209) 557-6400.

Sincerely,

Arnaud Marjollet
Director of Permit Services

Enclosures

cc: Courtney Graham, CARB (w/enclosure) via email
cc: Gerardo C. Rios, EPA (w/enclosure) via EPS

Samir Sheikh
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95358-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

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

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

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

Proposed Initial TV Engineering Evaluation

**Barrel Ten Quarter Circle Land Co Inc.
N-398**

Table of Contents

I. PROPOSAL.....	1
II. FACILITY LOCATION.....	1
III. EQUIPMENT LISTING.....	1
IV. GENERAL PERMIT TEMPLATE USAGE.....	2
V. SCOPE OF EPA AND PUBLIC REVIEW.....	2
VI. APPLICABLE REQUIREMENTS ADDRESSED BY GENERAL PERMIT TEMPLATES.....	2
VII. APPLICABLE REQUIREMENTS NOT ADDRESSED BY GENERAL PERMIT TEMPLATES.....	4
VIII. REQUIREMENTS NOT FEDERALLY ENFORCEABLE.....	6
IX. COMPLIANCE.....	6
X. PERMIT SHIELD.....	51
XI. PERMIT CONDITIONS.....	52
XII. ATTACHMENTS.....	52

TITLE V APPLICATION REVIEW

Winery

Engineer: Jagmeet Kahlon
Date: November 25, 2019

Facility Number: N-398
Facility Name: Barrel Ten Quarter Circle Land Co Inc.
Mailing Address: 21801 E Highway 120
Escalon, CA 95320

Contact Name: Rene Soto
Title: Maintenance Manager
Phone: (209) 272-3259

Responsible Official: Rene Soto
Title: Maintenance Manager

Project # : N-1182690
Deemed Complete: July 25, 2018

I. PROPOSAL

Barrel Ten Quarter Circle Land Co Inc. (referred herein after "Barrel Ten") is requesting that an initial Title V permit be issued for its existing winery in Escalon, California. Barrel Ten is applying for a Title V permit because it's potential to emit for volatile organic compound (VOC) emissions is above the Major Source threshold.

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

The facility is located at 21801 E Highway 120, Escalon, California.

III. EQUIPMENT LISTING

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

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

IV. GENERAL PERMIT TEMPLATE USAGE

The applicant has requested to use the following model general permit templates:

A. Template SJV-UM-03 Facility-wide Umbrella

The applicant has requested to utilize template SJV-UM-0-3, Facility Wide Umbrella. Based on the information submitted in the Template Qualification Form, the applicant qualifies for the use of this template.

V. SCOPE OF EPA AND PUBLIC REVIEW

Certain segments of the proposed Operating Permit are based on model general permit templates that have been previously subject to EPA and public review. The terms and conditions from the model general permit templates are included in the proposed permit and are not subject to further EPA and public review.

For permit applications utilizing model general permit templates, public and agency comments on the District's proposed actions are limited to the applicant's eligibility for model general permit template, applicable requirements not covered by the model general permit template, and the applicable procedural requirements for issuance of Title V Operating Permits.

Conditions 1 through 40 in facility-wide permit requirement permit N-398-0-2 including their underlying applicable requirements originate from template SJV-UM-0-3 and are not subject to further EPA or public review.

VI. APPLICABLE REQUIREMENTS ADDRESSED BY GENERAL PERMIT TEMPLATES

As stated previously, the applicant has proposed to utilize template SJV-UM-0-3, Facility Wide Umbrella. Requirements in the following rules are addressed in the facility-wide umbrella template:

District Rule 1100, Equipment Breakdown
(Amended December 17, 1992)

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

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

District Rule 2020, Exemptions
(Amended December 20, 2007)

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 2520, Federally Mandated Operating Permits
(Amended June 21, 2001) Sections 5.2, 9.1.1, 9.4, 9.5, 9.7, 9.8, 9.9, 9.13.1, 9.13.2, 9.16, and 10.0

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

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

District Rule 8021, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM₁₀) from Construction, Demolition, Excavation, and Extraction Activities
(Amended August 19, 2004)

District Rule 8031, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM₁₀) from Handling and Storage of Bulk Materials
(Amended August 19, 2004)

District Rule 8041, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM₁₀) from Carryout and Trackout
(Amended August 19, 2004)

District Rule 8051, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM₁₀) from Open Areas
(Amended August 19, 2004)

District Rule 8061, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM₁₀) from Paved and Unpaved Roads
(Amended August 19, 2004)

District Rule 8071, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM₁₀) from Unpaved Vehicle/Equipment Areas
(Amended September 16, 2004)

40 CFR Part 61, Subpart M, National Emission Standard for Asbestos

40 CFR Part 82, Subpart B and F, Stratospheric Ozone

VII. APPLICABLE REQUIREMENTS NOT ADDRESSED BY GENERAL PERMIT TEMPLATES

District Rule 1070, Inspections
(Amended December 17, 1992)

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

District Rule 1081, Source Sampling
(Amended December 16, 1993)

District Rule 2201, New and Modified Stationary Source Review Rule
(Amended August 15, 2019)

District Rule 2520, Federally Mandated Operating Permits
(Amended August 15, 2019) Sections not addressed by Umbrella Template

District Rule 4001, New Source Performance Standards
(Amended April 14, 1999)

District Rule 4002, National Emission Standards for Hazardous Air Pollutants
(Amended May 20, 2004)

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

District Rule 4202, Particulate Matter – Emission Rate
(Amended December 17, 1992)

District Rule 4301, Fuel Burning Equipment
(Amended December 17, 1992)

District Rule 4304, Equipment Tuning Procedure for Boilers, Steam Generators and Process Heaters
(Adopted October 19, 1995)

District Rule 4305, Boilers, Steam Generators and Process Heaters – Phase 2
(Amended August 21, 2003)

District Rule 4306, Boilers, Steam Generators and Process Heaters – Phase 3
(Amended October 16, 2008)

District Rule 4320, Advanced Emission Reduction Options for Boilers, Steam Generators, and Process Heaters greater than 5.0 MMBtu/hr
(Adopted October 16, 2008)

District Rule 4351, Boilers, Steam Generators and Process Heaters – Phase 1
(Amended August 21, 2003)

District Rule 4621, Gasoline Transfer into Stationary Storage Containers, Delivery vessels, and Bulk Plants
(Amended December 19, 2013)

District Rule 4622, Gasoline Transfer into Motor Vehicle Fuel Tanks
(Amended December 19, 2013)

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

District Rule 4702, Internal Combustion Engines
(Amended November 14, 2013)

District Rule 4801, Sulfur Compounds
(Amended December 17, 1992)

District Rule 4694, Wine Fermentation and Storage Tanks
(Adopted December 15, 2005)

District Rule 4695, Brandy Aging and Wine Aging Operations
(Adopted September 17, 2009)

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

40 CFR Part 64, Compliance Assurance Monitoring (CAM)

VIII. REQUIREMENTS NOT FEDERALLY ENFORCEABLE

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

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

District Rule 4102, Nuisance
(Amended December 17, 1992)

For this facility, condition 41 of the requirements for facility wide permit N-398-0-2 is based on the rule listed above and is not Federally Enforceable through Title V permit.

IX. COMPLIANCE

A. Requirements Addressed by Model General Permit Templates

1. Facility Wide Requirements

The applicant is proposing to use a general permit template to address federally applicable facility-wide requirements. Section IV of template SJV-UM-0-3 includes a demonstration of compliance for all applicable requirements. Template conditions have been added to the facility wide requirements as condition numbers 1 through 40 to assure compliance with these requirements.

B. Requirements Not Addressed by Model General Permit Templates

District Rule 1070, Inspections

This rule requires that the 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. Further, the District has the authority to require recordkeeping, to make inspections and to conduct tests of air pollution sources.

The necessary recordkeeping requirements are included in each Permit to Operate. Thus, compliance is expected with this rule.

District Rule 1080, Stack Monitoring

This rule grants the APCO authority to request the installation, use, maintenance, and inspection of continuous monitoring equipment. This rule also specifies the performance standards for the equipment and administrative recordkeeping, reporting, and violation and equipment breakdown notification requirements.

This rule does not require installation of continuous monitoring equipment on any units at this facility. Therefore, no specific conditions are included in the permits as part of this project.

District Rule 1081, Source Sampling

This rule ensures that any source operation which emits or may emit air contaminants provides adequate and safe facilities for use in sampling to determine compliance. This rule also specifies methods and procedures for source testing, sample collection, and compliance determination.

Source testing is required for the natural gas-fired boiler operating under permit N-398-6. The boiler stack is equipped with an adequate accessible port to collect samples, and this unit had been tested more than once in the past. The following condition in permit N-398-6 will ensure on-going compliance with this rule:

- Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081]

District Rule 2201, New and Modified Stationary Source Review Rule

The requirements in this rule only trigger for new emission unit(s) or when an existing unit undergoes a modification. Note that an emission unit that was previously exempt from written permits at the time of installation, which becomes subject to the provisions of Rule 2010 (Permits Required) are not subject to Rule 2201 until such time that the emissions unit is modified.

All applicable requirements from any permit actions related to this rule have already been incorporated into the permits. These requirements are now federally-enforceable through the Title V permit per guidance in the White Paper for Streamlined Development of Part 70 Permit Applications, dated July 10, 1995. The following table summarizes permit number, NSR conditions in the PTO and NSR conditions in the Title V being issued as part of this project.

Permit #	NSR conditions in PTO	NSR conditions in Title V
N-398-2 (Gasoline dispensing operation)	None	None
N-398-6 (10.083 MMBtu/hr natural gas-fired boiler)	5 through 10, and 25	4 through 9, and 27
N-398-7 (689 bhp diesel-fueled Tier 3 emergency IC engine powering electrical generator)	6 through 8	5 through 7
N-398-8 through -289 (Wine fermentation and storage tanks)	None	None

District Rule 2520, Federally Mandated Operating Permits

Except for the discussion below, the proposed use of a facility-wide template SJV-UM-0-3 and this document covers the requirements of this Rule.

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

District Rule 4001, New Source Performance Standards

Review of the applicable NSPS is as follows:

40 CFR Part 60 Subpart Dc – Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units

This subpart applies to steam generating units that are constructed, reconstructed, or modified after 6/9/89 and have a maximum design heat

input capacity of 100 MMBtu/hr or less, but greater than or equal to 10 MMBtu/hr. Subpart Dc has standards for SO_x and PM₁₀ emissions.

The boiler under permit N-398-6 is subject to the requirements in this subpart. The requirements are discussed in the following section:

60.42c – Standards for Sulfur Dioxide

Since coal is not combusted in the boiler, the requirements of this section are not applicable.

60.43c – Standards for Particulate Matter

The boiler is not fired on coal, combusts mixtures of coal with other fuels, combusts wood, combusts mixtures of wood with other fuels, or oil; therefore this unit is not subject to the requirements of this section.

60.44c – Compliance and Performance Tests Methods and Procedures for Sulfur Dioxide

The boiler is not subject to the sulfur dioxide requirements of this subpart. Therefore, this section does not apply.

60.45c – Compliance and Performance Test Methods and Procedures for Particulate Matter

The boiler is not subject to the particulate matter requirements of this subpart. Therefore, this section does not apply.

60.46c – Emission Monitoring for Sulfur Dioxide

The boiler is not subject to the sulfur dioxide requirements of this subpart. Therefore, this section does not apply.

60.47c – Emission Monitoring for Particulate Matter

The boiler is not subject to the particulate matter requirements of this subpart. Therefore, this section does not apply.

60.48c – Reporting and Recordkeeping Requirements

Section 60.48c (a) states that the owner or operator of each affected facility shall submit notification of the date of construction or reconstruction,

anticipated startup, and actual startup, as provided by §60.7 of this part. This notification shall include:

- (1) The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.

The design heat input capacity and type of fuel combusted is listed in the equipment description or in the permit. Therefore, no additional conditions are necessary.

- (2) If applicable, a copy of any federally enforceable requirement that limits the annual capacity factor for any fuel mixture of fuels under §60.42c or §40.43c.

This requirement is not applicable since the unit is not subject to §60.42c or §60.43c.

- (3) The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired.

The boiler is limited to an annual heat input rate of 48,753 MMBtu. This equates to about 55% capacity factor. The boiler uses PUC quality natural gas fuel.

- (4) Notification if an emerging technology will be used for controlling SO₂ emissions. The Administrator will examine the description of the control device and will determine whether the technology qualifies as an emerging technology. In making this determination, the Administrator may require the owner or operator of the affected facility to submit additional information concerning the control device. The affected facility is subject to the provisions of §60.42c(a) or (b)(1), unless and until this determination is made by the Administrator

This requirement is not applicable since the unit will not be equipped with emerging technology used to control SO₂ emissions.

Section 60.48c(g)(2), the owner or operator of an affected facility that combusts only natural gas, wood, fuels using fuel certification in §60.48c(f) to demonstrate compliance with the SO₂ standard, fuels not subject to an emissions standard (excluding opacity), or a mixture of these fuels may elect to record and maintain records of the amount of each fuel combusted during each calendar month. The following conditions in permit N-398-6 ensure on-going compliance with this section:

- A non-resettable, totalizing mass or volumetric fuel flow meter (or a District approved equivalent method) to measure the amount of natural gas combusted in the unit shall be installed, utilized and maintained. [District Rules 2201, 4305, 4306 and 4320, and 40 CFR 60.48c(g)]
- The owner or operator shall maintain records of the amount of fuel combusted during each calendar month in this unit. [40 CFR 60.48c(g)]

Section 60.48c(i) states that all records required under this section shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record. The following condition in permit N-398-6 ensures on-going compliance with this section:

- All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rules 1070, 4305, 4306 and 4320, and 40 CFR 60.48c(i)]

Compliance is expected with this regulation.

District Rule 4002, National Emission Standards for Hazardous Air Pollutants

Review of the applicable NESHAPS is as follows:

40 CFR Part 60 Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

§ 60.4200 Am I subject to this subpart?

(a) The provisions of this subpart are applicable to manufacturers, owners, and operators of stationary compression ignition (CI) internal combustion engines (ICE) and other persons as specified in paragraphs (a)(1) through (4) of this section. For the purposes of this subpart, the date that construction commences is the date the engine is ordered by the owner or operator.

(1) Manufacturers of stationary CI ICE with a displacement of less than 30 liters per cylinder where the model year is:

- (i) 2007 or later, for engines that are not fire pump engines;
- (ii) The model year listed in Table 3 to this subpart or later model year, for fire pump engines (i.e., starting 2009 year model for $175 \leq \text{HP} \leq 750$).

- (2) Owners and operators of stationary CI ICE that commence construction after July 11, 2005, where the stationary CI ICE are:
 - (i) Manufactured after April 1, 2006, and are not fire pump engines, or
 - (ii) Manufactured as a certified National Fire Protection Association (NFPA) fire pump engine after July 1, 2006.
- (3) Owners and operators of any stationary CI ICE that are modified or reconstructed after July 11, 2005 and any person that modifies or reconstructs any stationary CI ICE after July 11, 2005.
- (4) The provisions of §60.4208 of this subpart are applicable to all owners and operators of stationary CI ICE that commence construction after July 11, 2005.

The engine under permit N-398-7 is a 689 bhp diesel-fueled Tier-3 emergency engine. The engine is a 2010 model year engine¹, and is presumed to be manufactured sometime in 2009 or early 2010. Further, the engine was installed in December 2010. Since the engine was installed after the cutoff date of July 11, 2005 and was manufactured after April 1, 2006, this engine is subject to the requirements of this subpart.

§60.4205 What emission standards must I meet for emergency engines if I am an owner or operator of a stationary CI internal combustion engine?

- (b) 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.

Section 62.4202(a) Stationary CI internal combustion engine manufacturers must certify their 2007 model year and later emergency stationary CI ICE with a maximum engine power less than or equal to 2,237 KW (3,000 HP) and a displacement of less than 10 liters per cylinder that are not fire pump engines to the emission standards specified in paragraphs (a)(1) through (2) of this section.

¹ Per application under project N-1103668

- (1) For engines with a maximum engine power less than 37 KW (50 HP):
- (i) The certification emission standards for new nonroad CI engines for the same model year and maximum engine power in 40 CFR 89.112 and 40 CFR 89.113 for all pollutants for model year 2007 engines, and
 - (ii) The certification emission standards for new nonroad CI engines in 40 CFR 1039.104, 40 CFR 1039.105, 40 CFR 1039.107, 40 CFR 1039.115, and table 2 to this subpart, for 2008 model year and later engines.
- (2) For engines with a maximum engine power greater than or equal to 37 KW (50 HP), the certification emission standards for new nonroad CI engines for the same model year and maximum engine power in 40 CFR 89.112 and 40 CFR 89.113 for all pollutants beginning in model year 2007.

The applicable standards from 40 CFR 89.112(a), Table 1, and permitted emission rates for the engine under permit N-398-7 are summarized in the following table:

Category	Rated Power	NMHC + NOx	CO	PM
Standard	450≤kW≤560 (603≤bhp≤751)	4.0 g/kW-hr (3.0 g/bhp-hr)	3.5 g/kw-hr (2.6 g/bhp-hr)	0.2 g/kW-hr (0.1 g/bhp-hr)
N-398-7	689 bhp	2.76 g/bhp-hr	2.39 g/bhp-hr	0.10 g/bhp-hr

The following conditions in the permit ensure compliance with this section:

- Emissions from this IC engine shall not exceed any of the following limits: 2.48 g-NOx/bhp-hr, 2.39 g-CO/bhp-hr, or 0.28 g-VOC/bhp-hr. [District Rule 2201, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]
- Emissions from this IC engine shall not exceed 0.10 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201, 4102, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]

40 CFR 89.113 has smoke emission standard and requires that the exhaust opacity from CI non-road engine must not exceed 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes. These standards are presumed to be checked during engine certification process; therefore, continued compliance is expected, and no additional conditions are necessary in these permits.

§60.4207 What fuel requirements must I meet if I am an owner or operator of a stationary CI internal combustion engine subject to this subpart?

(b) Beginning October 1, 2010, owners and operators of stationary CI ICE subject to this subpart with a displacement of less than 30 liters per cylinder that use diesel fuel must use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel, except that any existing diesel fuel purchased (or otherwise obtained) prior to October 1, 2010, may be used until depleted.

The engine under permit N-398-7 has a displacement of 2.5 liters per cylinder². This engine is required to use CARB certified diesel fuel containing no more than 15 ppmv sulfur by weight. Further, the CARB diesel fuel specification requires no more than 10 v% of aromatic hydrocarbon content (<http://www.arb.ca.gov/enf/fuels/dieselspecs.pdf>). The following condition in permit N-398-7 ensures on-going compliance:

- Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]

§60.4211 What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?

(a) If you are an owner or operator and must comply with the emission standards specified in this subpart, you must do all of the following, except as permitted under paragraph (g) of this section:

- (1) Operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's emission-related written instructions;
- (2) Change only those emission-related settings that are permitted by the manufacturer; and
- (3) Meet the requirements of 40 CFR parts 89, 94 and/or 1068, as they apply to you.

Along with the emissions limits (discussed in section 60.4205 above), the following condition in permit N-398-7 ensures on-going compliance with this section:

² Per application under project N-1103668, the engine has 6 cylinders, and total displacement is 15.2 liters. Using this information, the displacement per cylinder would be 2.5 liters.

- 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 Part 60 Subpart IIII]

(c) If you are an owner or operator of a 2007 model year and later stationary CI internal combustion engine and must comply with the emission standards specified in §60.4204(b) or §60.4205(b), or if you are an owner or operator of a CI fire pump engine that is manufactured during or after the model year that applies to your fire pump engine power rating in table 3 to this subpart and must comply with the emission standards specified in §60.4205(c), you must comply by purchasing an engine certified to the emission standards in §60.4204(b), or §60.4205(b) or (c), as applicable, for the same model year and maximum (or in the case of fire pumps, NFPA nameplate) engine power. The engine must be installed and configured according to the manufacturer's emission-related specifications, except as permitted in paragraph (g) of this section.

The engine under N-398-7 is certified to Tier-3 standards. The equipment description and the emission limits in permit enforce on-going compliance with this section (refer to section 60.4205).

(f) If you own or operate an emergency stationary ICE, you must operate the emergency stationary ICE according to the requirements in paragraphs (f)(1) through (3) of this section. In order for the engine to be considered an emergency stationary ICE under this subpart, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (f)(1) through (3) of this section, is prohibited. If you do not operate the engine according to the requirements in paragraphs (f)(1) through (3) of this section, the engine will not be considered an emergency engine under this subpart and must meet all requirements for non-emergency engines.

(1) There is no time limit on the use of emergency stationary ICE in emergency situations.

(2) You may operate your emergency stationary ICE for any combination of the purposes specified in paragraphs (f)(2)(i) through (iii) of this section for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraph (f)(3) of this section counts as part of the 100 hours per calendar year allowed by this paragraph (f)(2).

- (i) Emergency stationary ICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year.
 - (ii) Emergency stationary ICE may be operated for emergency demand response for periods in which the Reliability Coordinator under the North American Electric Reliability Corporation (NERC) Reliability Standard EOP-002-3, Capacity and Energy Emergencies (incorporated by reference, see §60.17), or other authorized entity as determined by the Reliability Coordinator, has declared an Energy Emergency Alert Level 2 as defined in the NERC Reliability Standard EOP-002-3.
 - (iii) Emergency stationary ICE may be operated for periods where there is a deviation of voltage or frequency of 5 percent or greater below standard voltage or frequency.
- (3) Emergency stationary ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in paragraph (f)(2) of this section. Except as provided in paragraph (f)(3)(i) of this section, the 50 hours per calendar year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.
- (i) The 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if all of the following conditions are met:
 - (A) The engine is dispatched by the local balancing authority or local transmission and distribution system operator;
 - (B) The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.

(C) The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines.

(D) The power is provided only to the facility itself or to support the local transmission and distribution system.

(E) The owner or operator identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator.

The engine under permit N-398-7 is limited to operate for 50 hours/year during non-emergency scenarios including testing and maintenance of the engine or any other required regulatory purpose. The following condition ensures on-going compliance with this section:

- 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]

§60.4214 What are my notification, reporting, and recordkeeping requirements if I am an owner or operator of a stationary CI internal combustion engine?

(b) If the stationary CI internal combustion engine is an emergency stationary internal combustion engine, the owner or operator is not required to submit an initial notification. Starting with the model years in table 5 to this subpart, if the emergency engine does not meet the standards applicable to non-emergency engines in the applicable model year, the owner or operator must keep records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter. The owner must record the time of operation of the engine and the reason the engine was in operation during that time.

The engine under permit N-398-7 is a Tier-3 certified emergency stationary IC engine. Therefore, no additional notification, reporting or recordkeeping required under this section.

Compliance is expected with this section.

District Rule 4002, National Emission Standards for Hazardous Air Pollutants

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

§ 63.6585 Am I subject to this subpart?

You are subject to this subpart if you own or operate a stationary RICE at a major or area source of HAP emissions, except if the stationary RICE is being tested at a stationary RICE test cell/stand.

Section (b) states a major source of HAP emissions is a plant site that emits or has the potential to emit any single HAP at a rate of 10 tons (9.07 megagrams) or more per year or any combination of HAP at a rate of 25 tons (22.68 megagrams) or more per year, except that for oil and gas production facilities, a major source of HAP emissions is determined for each surface site.

Per worksheet in **Attachment E** (HAP calculations), this facility is not a major source of HAP emissions.

§ 63.6590 What parts of my plant does this subpart cover?

This subpart applies to each affected source.

(a) An affected source is any existing, new, or reconstructed stationary RICE located at a major or area source of HAP emissions, excluding stationary RICE being tested at a stationary RICE test cell/stand.

(1) Existing stationary RICE

(i) For stationary RICE with a site rating of more than 500 brake horsepower (HP) located at a major source of HAP emissions, a stationary RICE is existing if you commenced construction or reconstruction of the stationary RICE before December 19, 2002.

(ii) For stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions, a stationary RICE is existing if you commenced construction or reconstruction of the stationary RICE before June 12, 2006.

(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.

(iv) A change in ownership of an existing stationary RICE does not make that stationary RICE a new or reconstructed stationary RICE.

(2) New stationary RICE

(i) A stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions is new if you commenced construction of the stationary RICE on or after December 19, 2002.

(ii) A stationary RICE with a site rating of equal to or less than 500 brake HP located at a major source of HAP emissions is new if you commenced construction of the stationary RICE on or after June 12, 2006.

(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.

Based on the information in District's permits database, the owner or operator commenced construction after June 12, 2006. Therefore, the engine under permit N-398-7 is a new stationary RICE under this subpart.

Section (c) Stationary RICE subject to Regulations under 40 CFR Part 60
An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines. No further requirements apply for such engines under this part.

(1) A new or reconstructed stationary RICE located at an area source;

(2) A new or reconstructed 2SLB stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions;

(3) A new or reconstructed 4SLB stationary RICE with a site rating of less than 250 brake HP located at a major source of HAP emissions;

- (4) A new or reconstructed spark ignition 4 stroke rich burn (4SRB) stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions;
- (5) A new or reconstructed stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions which combusts landfill or digester gas equivalent to 10 percent or more of the gross heat input on an annual basis;
- (6) A new or reconstructed emergency or limited use stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions;
- (7) A new or reconstructed compression ignition (CI) stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions.

The engine under permit N-398-7 is a new RICE located at an area source and is subject to requirements in 40 CFR part 60 subpart IIII (discussed previously). Therefore, this engine meets the requirements under this subpart.

Compliance is expected with this subpart.

40 CFR Part 63 Subpart DDDDD National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters

This subpart is applicable to boilers and process heaters located at Major Sources of HAP emissions.

Per **Attachment E** (HAP Calculations), this facility is not a Major source of HAP emissions. Therefore, the boiler under permit N-398-6 is not subject to the requirements in this subpart.

40 CFR Part 63 Subpart JJJJJJ National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources

Pursuant to Section 63.1195(e) a gas-fired boiler, as defined in Subpart JJJJJ, is not subject to any requirement of this Subpart. Pursuant to the definition in the subpart, a gas-fired boiler includes any boiler that burns gaseous fuels not combined with any solid fuels and burns liquid fuel only during periods of gas curtailment, gas supply interruption, startups, or periodic testing on liquid fuel.

The boiler under permit N-398-6 meets the definition of a "gas-fired boiler" as this unit is required to use natural gas fuel. Therefore, Subpart JJJJJ requirements are not applicable.

District Rule 4201, Particulate Matter

Section 3.0 prohibits the release or discharge into the atmosphere from any single source operation, dust, fumes, or total suspended particulate matter emissions in excess of 0.1 grain per cubic foot of gas at dry standard conditions, as determined by the test methods in section 4.0.

N-398-2, '-8 through '-289

These permit units are not expected to release any particulate matter under normal source operation. Therefore, these units are not subject to the requirements in this rule.

N-398-6:

PM emission rate = 0.030 lb/hr (0.003 lb-PM₁₀/MMBtu x 10.083 MMBtu/hr, and presuming all PM is PM₁₀)

Exhaust gas flow = 3,800 acfm (Source: project file N-1102966)

Exhaust gas temperature = 300°F (Source: project file N-1102966)

Moisture in the exhaust gas = 7% (assumed)

$$\text{PM} \left(\frac{\text{gr}}{\text{dscf}} \right) = \frac{\left(0.03 \frac{\text{lb-PM}}{\text{hr}} \right) \left(7,000 \frac{\text{gr-PM}}{\text{lb-PM}} \right) \left(\frac{\text{hr}}{60 \text{ min}} \right)}{\left(3,800 \frac{\text{ft}^3}{\text{min}} \right) \left(\frac{460+60}{460+300} \right) (1-0.07)} = 0.001 \frac{\text{gr-PM}}{\text{dscf}}$$

Since 0.001 gr/dscf is less than 0.1 gr/dscf, compliance with this Rule is expected.

N-398-7:

PM emission rate = 0.152 lb/hr (0.10 g-PM₁₀/bhp x 689 bhp x lb/453.6 g, and presuming all PM is PM₁₀)

Exhaust gas flow = 3,951.7 acfm

Exhaust gas temperature = 917.6°F

Moisture in the exhaust gas = 10% (assumed)

$$\text{PM} \left(\frac{\text{gr}}{\text{dscf}} \right) = \frac{\left(0.152 \frac{\text{lb-PM}}{\text{hr}} \right) \left(7,000 \frac{\text{gr-PM}}{\text{lb-PM}} \right) \left(\frac{\text{hr}}{60 \text{ min}} \right)}{\left(3,951.7 \frac{\text{ft}^3}{\text{min}} \right) \left(\frac{460+60}{460+917.6} \right) (1-0.1)} = 0.013 \frac{\text{gr-PM}}{\text{dscf}}$$

Since 0.013 gr/dscf is less than 0.1 gr/dscf, compliance with this Rule is expected.

District Rule 4202, Particulate Matter – Emission Rate

This rule limits the hourly particulate matter emissions from each Source Operation to the result of the one of the following equations, as applicable.

$$E_{\text{Max}} = 3.59 P^{0.62}, \text{ where } P < 30 \text{ tons/hr}$$
$$E_{\text{Max}} = 17.31 P^{0.16}, \text{ where } P > 30 \text{ tons/hr}$$

Where, E_{Max} = Maximum allowable emissions in lb/hr
 P = Process weight in tons/hr

Process weight is defined as the total weight of all materials introduced into any specific process, which process may cause any discharge into the atmosphere. Solid fuels charged shall be considered as part of the process weight, but liquid and gaseous fuels and combustion air shall not.

N-398-2, '-8 through '-289

These permit units are not expected to release any particulate matter under normal source operation. Therefore, these units are not subject to the requirements in this rule.

N-398-6 and '-7

Unit under permit N-398-6 uses natural gas (gaseous fuel) and the unit under permit N-398-7 uses diesel fuel (liquid fuel) along with the combustion air. Since gaseous and liquid fuel cannot be used as process weight, these units are not subject to the requirements of this rule.

District Rule 4301, Fuel Burning Equipment

This Rule limits emissions from fuel burning equipment, which is defined as equipment used to burn fuel for the primary purpose of producing heat or power by indirect heat transfer. Section 4.1 provides an exemption for air pollution control equipment.

N-398-2, '-8 through '-289

These permit units are not subject to the requirements since the subject units does not involve fuel burning equipment.

N-398-6

The boiler burns natural gas for the primary purpose of producing heat to heat up water or generate steam. This unit is indirect heat transfer system, where the products of combustion do not come in direct contact with product being heated. This unit is subject to the requirements of this rule. The requirements are as follows:

- Combustion contaminates (TSP) - Not to exceed 0.1 gr/dscf @ 12% CO₂ and 10 lb/hr.
- SO_x emissions - Not to exceed 200 lb/hr
- NO_x emissions - Not to exceed 140 lb/hr

The potential NO_x, SO_x, and TSP emissions are estimated using the permitted levels of emissions:

$$\begin{aligned}\text{NO}_x &= (0.007 \text{ lb/MMBtu})(10.083 \text{ MMBtu/hr}) \\ &= 0.07 \text{ lb/hr} < 140 \text{ lb/hr}\end{aligned}$$

$$\begin{aligned}\text{SO}_x &= (0.00285 \text{ lb/MMBtu})(10.083 \text{ MMBtu/hr}) \\ &= 0.03 \text{ lb/hr} < 200 \text{ lb/hr}\end{aligned}$$

$$\begin{aligned}\text{PM} &= (0.003 \text{ lb/MMBtu})(10.083 \text{ MMBtu/hr}) \\ &= 0.03 \text{ lb/hr} < 10 \text{ lb/hr}\end{aligned}$$

CO₂ based F-Factor for natural gas combustion is 1,024 dscf/MMBtu at 60 °F. Using this factor, along with the permitted emissions, the grain loading would be:

$$\text{PM} \left(\frac{\text{gr}}{\text{dscf}} \right) = \frac{(0.003 \frac{\text{lb-PM}}{\text{MMBtu}}) (7,000 \frac{\text{gr-PM}}{\text{lb-PM}})}{(1,024 \frac{\text{ft}^3}{\text{MMBtu}}) (\frac{100\%}{12\%})} = 0.0025 \frac{\text{gr-PM}}{\text{dscf}}$$

Since the potential emissions are below the threshold for each pollutant, compliance is expected with this rule.

N-398-7

The primary purpose of the engine is to provide mechanical power to the electrical generator. Since the engine directly transfer the fuel energy to mechanical power, it does not meet the definition of "fuel burning equipment" (Section 3.1 of the rule). Therefore, the engine is not subject to the requirements of this rule.

District Rule 4304, Equipment Tuning Procedure for Boilers, Steam Generators and Process Heaters

Pursuant to District Rules 4305 and 4306, Section 6.3.1, boilers are required to be tested at least once every 12-months. Gaseous fuel fired units demonstrating compliance on two consecutive 12-month source tests may defer the following source test for up to 36 months. During 36-month source testing interval, the operator shall tune the boiler according to section 5.2.1 (tune up at least once each calendar year by qualified technician in accordance with Rule 4304). Tune-ups required by Sections 5.2.1 and 6.3.1 do not need to be performed for units that operate and maintain an APCO approved CEMS or an APCO approved Alternate Monitoring System where the applicable emission limits are periodically monitored.

NO_x, CO and O₂ concentrations from the boiler under permit N-398-6 are required to be monitored using a portable analyzer on a monthly basis. Therefore, boiler tune-ups are not required.

District Rule 4305, Boilers, Steam Generators and Process Heaters-Phase 2

Since the emission limits of District Rule 4306 and all other requirements are equivalent or more stringent than District Rule 4305 requirements, compliance with District Rule 4306 requirements will satisfy requirements of District Rule 4305.

District Rule 4306, Boilers, Steam Generators and Process Heaters-Phase 3

Section 2.0 - Applicability

This rule applies to any gaseous fuel or liquid fuel fired boiler, steam generator, or process heater with a total rated heat input greater than 5 million Btu per hour.

The heat input rate to the boiler (N-398-6) is greater than 5 MMBtu/hr. Therefore, this unit is subject to the requirements of this rule.

Section 5.0 - Requirements

Section 5.1.1 limits NO_x and CO emissions to 15 ppmvd @ 3% O₂ and 400 ppmvd @ 3% O₂ respectively.

The boiler is permitted to achieve 6.0 ppmvd NO_x @ 3% O₂ (or less) and 50 ppmvd CO @ 3% O₂ (or less). The following conditions ensures on-going compliance with this section:

- NO_x emission concentration shall not exceed 6.0 ppmvd @ 3% O₂ or 0.007 lb-NO_x/MMBtu. [District Rules 2201, 4305, 4306 and 4320]
- CO emission concentration shall not exceed 50 ppmvd @ 3% O₂ or 0.037 lb-CO/MMBtu. [District Rules 2201, 4305, 4306 and 4320]

Section 5.2 lists the requirements for boilers limited to a heat input rate of less than 9 billion Btu per calendar year.

The boiler will not be limited to a heat input rate of less than 9 billion Btu per calendar year. Therefore, this section is not applicable.

Section 5.3 states that the NO_x and CO emission limits shall not apply to this unit during start-up and shutdown period provided that the duration of each start-up or each shutdown is not greater than 2.0 hours, and the emission control system is utilized during these periods. An operator may submit a request to allow more than two hours for each startup or each shutdown provided the operator meets all of the conditions specified in sections 5.3.3.1 to 5.3.3.3.

No startup or shutdown periods are established in the permit. In general, boiler with ultra low NO_x burner system comply with the permitted limits in less than 30 minutes.

Section 5.4.1 requires the operator to install and maintain a non-resettable, totalizing mass or volumetric flow meter for the units, which simultaneous uses gaseous and liquid fuels and is subject to the requirements of Section 5.1.

The boiler uses natural gas fuel only. Therefore, they are not required to install and maintain a fuel flow meter under this section.

Section 5.4.2 requires that the units subject to District Rule 4306, Section 5.1 emissions limits, shall either install and maintain Continuous Emission Monitoring (CEM) equipment for NO_x, CO and O₂, or install and maintain APCO-approved alternate monitoring. The following condition(s) ensures on-going compliance with this section:

- The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rules 4305, 4306, and 4320]
- If either the NO_x or CO concentrations corrected to 3% O₂, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of performing the notification and testing required by this condition. [District Rules 4305, 4306, and 4320]
- All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305, 4306, and 4320]
- The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 3% O₂, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 4305, 4306, and 4320]

Section 5.5.1 states the operator of any unit have the option of complying with either the applicable heat input (lb/MMBtu) emission limits or the concentration (ppmv) emission limit. The following condition(s) ensures on-going compliance with this section:

- The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 4306 and 4320]

Section 5.5.2 requires all emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0. The following condition(s) ensures on-going compliance with this section:

- All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305, 4306 and 4320]

Section 5.5.3 requires that all CEMS data shall be averaged over a period of 15-consecutive minutes to demonstrate compliance with the applicable emission limits in this rule.

The boiler under N-398-6 is not equipped with CEMS system; therefore, this section does not apply.

Section 5.5.4 requires emissions monitoring pursuant to Sections 5.4.2, 5.4.2.1, and 6.3.1 using a portable NO_x analyzer as part of an APCO approved Alternate Emissions Monitoring System, emission readings shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15-consecutive-minute sample reading or by taking at least five readings evenly spaced out over the 15-consecutive-minute period. The following condition(s) ensures on-going compliance with this section:

- All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be

calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305, 4306, and 4320]

Section 5.5.5 requires that for emissions source testing performed pursuant to Section 6.3.1 for the purpose of determining compliance with an applicable standard or numerical limitation of this rule, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. The following condition(s) ensures on-going compliance with this section:

- For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305, 4306 and 4320]

Section 6.0 – Administrative Requirements

Section 6.1 requires that the records required by Sections 6.1.1 through 6.1.3 shall be maintained for five calendar years and shall be made available to the APCO upon request. Failure to maintain records or information contained in the records that demonstrate noncompliance with the applicable requirements of this rule shall constitute a violation of this rule. The following condition(s) ensures on-going compliance with this section:

- All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rules 1070, 4305, 4306 and 4320, and 40 CFR 60.48c(i)]

Section 6.2 identifies the test methods for determining higher heating value of fuel, NO_x, CO, O₂, stack gas velocities, and stack gas moisture content. The following condition(s) ensures on-going compliance with this section:

- NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305, 4306 and 4320]
- CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306 and 4320]

- Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306 and 4320]

Section 6.3.1 requires that this unit be tested to determine compliance with the applicable requirements of section 5.1 and 5.2.3 not less than once every 12 months. Units that demonstrate compliance on two consecutive 12-month source tests may defer the following 12-month source test for up to 36 months (no more than 30 days before or after the required 36-month source test date). During the 36-month source testing interval, the operator shall tune the unit in accordance with the provisions of Section 5.2.1, and shall monitor, on a monthly basis, the unit's operational characteristics recommended by the manufacturer to ensure compliance with the applicable emission limits specified in Sections 5.1 or 5.2.3. Tune-ups required by Sections 5.2.1 and 6.3.1 do not need to be performed for units that operate and maintain an APCO approved CEMS or an APCO approved Alternate Monitoring System where the applicable emission limits are periodically monitored.

NO_x, CO and O₂ concentrations will be measured on monthly basis using portable analyzer. Therefore, no periodic tune-ups are required. The following condition(s) ensures on-going compliance with this section:

- Source testing to measure NO_x and CO emissions from this unit while fired on natural gas shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District Rules 4305, 4306, and 4320]

Section 6.3.2 lists compliance testing procedure for units that represent a group of units. There is only one boiler at this site; therefore, group testing is not considered.

Section 6.4 discusses emission control plan (ECP). Currently, there is no Emission Control Plan, that is due for this boiler. No further discussion is necessary.

Section 7.0 – Compliance Schedule

The boiler is expected to operate in compliance with this rule. Therefore, no further discussion is required.

Compliance is expected with this Rule.

District Rule 4320, Advanced Emission Reduction Options for Boilers, Steam Generators, and Process Heaters greater than 5.0 MMBtu/hr

Section 2.0 - Applicability

Section 2.0 states that this rule applies to any gaseous fuel or liquid fuel fired boiler, steam generator, or process heater with a total rated heat input greater than 5 million Btu per hour.

The heat input rate to the boiler (N-398-6) is greater than 5 MMBtu/hr. Therefore, this unit is subject to the requirements of this rule.

Section 5.0 – Requirements

Section 5.1 states that an operator of a unit(s) subject to this rule shall comply with all applicable requirements of the rule and one of the following, on a unit-by-unit basis:

- Operate the unit to comply with the emission limits specified in Sections 5.2 and 5.4; or
- Pay an annual emissions fee to the District as specified in Section 5.3 and comply with the control requirements specified in Section 5.4; or
- Comply with the applicable Low-use Unit requirements of Section 5.5.

The facility had chosen to comply with the emission limits specified in Section 5.2 and 5.4. These limits are summarized below:

NO_x: 9 ppmvd @ 3% O₂

CO: 400 ppmvd @ 3% O₂

Particulate Matter: Use PUC-quality natural gas, commercial propane, butane, or LPG, or combination of such gases with fuel sulfur content of 5 grains/100 scf or less.

The facility had chosen to comply with the following limits:

NO_x: 6.0 ppmvd @ 3% O₂ (or less);

CO: 50 ppmvd @ 3% O₂ (or less);

Particulate Matter: Use PUC-quality natural gas.

The following conditions ensure on-going compliance with this section:

- NO_x emission concentration shall not exceed 6.0 ppmvd @ 3% O₂ or 0.007 lb-NO_x/MMBtu. [District Rules 2201, 4305, 4306 and 4320]

- CO emission concentration shall not exceed 50 ppmvd @ 3% O₂ or 0.037 lb-CO/MMBtu. [District Rules 2201, 4305, 4306 and 4320]
- The unit shall only be fired on PUC-regulated natural gas. [District Rules 2201 and 4320]

Section 5.3 states that the NO_x and CO emission limits shall not apply to this unit during start-up and shutdown period provided that the duration of each start-up or each shutdown is not greater than 2.0 hours, and the emission control system is utilized during these periods.

As stated previously (Rule 4306 discussion above), no startup or shutdown periods are established in the permit. In general, boiler with ultra low NO_x burner system comply with the permitted limits in less than 30 minutes.

Section 5.7 discusses monitoring provisions to comply with NO_x and CO limits. These provisions are similar to the provisions in Rule 4306 (discussed previously).

Section 5.7.6 requires the operator to provide annual fuel sulfur content analysis. Sulfur analysis shall be performed in accordance with the test method in section 6.2. The following conditions will satisfy the requirements of this section:

- Permittee shall determine sulfur content of combusted gas annually or shall demonstrate that the combusted gas is provided from a PUC or FERC regulated source. [District Rules 1081 and 4320]
- Fuel sulfur content shall be determined using EPA Method 11 or EPA Method 15 or District, CARB and EPA approved alternative methods. [District Rule 4320]

Section 5.8 discusses compliance determination. The requirements in this section are similar to the requirements in Rule 4306 (discussed previously).

Section 6.0 – Administrative Requirements

Recordkeeping requirements of this Rule are similar to that of the Rule 4306. Please refer to section 6.0 of Rule 4306.

Section 7.0 – Compliance Schedule

This section refers to “Authority to Construct” and “Compliance Deadline” dates for existing units. The boiler is complying with all the applicable requirements in Rule 4320 at this time.

Compliance is expected with this Rule.

District Rule 4351, Boilers, Steam Generators and Process Heaters-Phase 1

Section 2.0 of this rule states that this rule applies to any boiler, steam generator or process heater, with a rated heat input greater than 5 million Btu per hour that is fired with gaseous and/or liquid fuels, and is included in a major NOx source. This rule does not apply to any unit located west of Interstate Highway 5 located in Fresno, Kern, or Kings County.

This facility is not a major source for NOx emissions. Therefore, no further discussion is necessary.

District Rule 4621, Gasoline Transfer into Stationary Storage Containers, Delivery vessels, and Bulk Plants

This rule applies to storage containers located at bulk plants with capacities greater than 250 gallons and less than 19,800 gallons; to other stationary storage containers with capacities greater than 250 gallons; and to those storage containers that are not subject to the control requirements of Rule 4623 (Storage of Organic Liquids) Section 5.0. The rule also applies to gasoline delivery vessels.

The gasoline dispensing operation under permit N-398-2 includes a 1,000 gal split (500-gal gasoline, 500-gal diesel) convault above ground storage tank equipped with phase I enhance vapor recovery (EVR) system, standing loss control, and a fueling point with a phase II exempt gasoline dispensing nozzle. Since the capacity of the storage container is greater than 250 gal, this operation is subject to the requirements of this rule.

Section 5.1 states “loading equipment and vapor collection equipment shall be installed, maintained, and operated such that it is leak-free, with no excess organic liquid drainage at disconnect.”

Section 3.19.2 defines a leak 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 or total organic compound greater

than 10,000 ppmv, as methane, above background when measured in accordance with the test method in Section 6.4.2. Any liquid or gas coming from a component undergoing repair or replacement, or during sampling of process fluid from a component or equipment into a container is not considered sampling of a leak provided such activities are accomplished as expeditiously as possible and with minimal spillage of material and VOC emissions to the atmosphere.

The following condition(s) ensures on-going compliance with this section:

- 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]
- 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 or total organic compound greater than 10,000 ppmv, as methane, above background when measured in accordance with EPA Test Method 21. [District Rule 4621]

Section 5.2.1 states "no person shall transfer, or permit the transfer, of gasoline from any delivery vessel into any stationary storage container subject to the requirements of this rule unless such container is equipped with an ARB certified permanent submerged fill pipe and utilizes an ARB certified Phase I vapor recovery system that is maintained and operated according to manufacturer specifications and the applicable ARB Executive Order." Since the facility has installed ARB certified Phase I vapor recovery system, requirements of this section are satisfied and compliance is expected.

In addition, ARB has the additional certification requirements, including applicable rules and regulations of the Division of Measurement Standards, the Department of Food and Agriculture, the Office of the State Fire Marshal, the Department of Forestry and Fire Protection, the Division of Occupational Safety and Health, 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.

The following condition(s) ensures on-going compliance with this section:

- The Phase I and Standing Loss Control Vapor recovery systems shall be installed and maintained in accordance with the manufacturer specifications and the ARB Executive Orders 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 and CH&SC 41950]

Section 5.4.1 states "all aboveground storage containers shall be constructed and maintained in a leak-free condition." The following condition(s) ensures on-going compliance with this section:

- The storage container(s) shall be installed, maintained, and operated such that they are leak-free. [District Rule 4621]

Section 5.4.4 states "operators of an aboveground storage container not located at a bulk plant shall conduct and pass the performance test specified in Sections 6.4.8 to determine compliance at least once every 36 months, (no more than 30 days before or after the required performance test date) unless otherwise required under ARB Executive Order." Section 6.4.8 specifies the "Static Leak Test for Aboveground Tanks" using ARB Test Procedure TP-206.3 or ARB Test Procedure TP-201.3B as applicable. The following condition(s) ensures on-going compliance with this section:

- 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]
- The permittee shall perform and pass a Static Leak Test "Determination of Static Pressure Performance of Vapor Recovery Systems at Gasoline Dispensing Facilities with Aboveground Tanks" in accordance with the Executive Order specified in this permit for the Phase I Vapor Recovery System at least once every 36 months. [District Rule 4621]
- The permittee shall perform and pass a Static Leak Test for Aboveground Tanks using ARB TP-201.3B or TP-206.3, as applicable. [District Rule 4621]

Section 5.5 states "All Phase I vapor recovery systems shall be inspected according to the frequency specified in Table 1. The person conducting the inspections shall, at a minimum, verify that the fill caps and vapor caps are not missing, damaged, or loose, that the fill cap gasket and vapor cap gaskets are not missing or damaged, that the fill adapter and vapor adapter

are securely attached to the risers, that, where applicable, the spring-loaded submerged fill tube seals properly against the coaxial tubing, and the dry break (poppet-valve) is not missing or damaged and that the submerged fill tube is not missing or damaged." The following condition(s) ensures on-going compliance with this section:

- 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]
- 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]

Section 5.7.2 states "no person shall operate, or allow the operation of a delivery vessel unless valid State of California decals which attest to the vapor integrity of the container are displayed." The following condition(s) ensures on-going compliance with this section:

- 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]

Section 6.1.4 states "all records required to demonstrate compliance with the requirements of this rule shall be retained on the premises for a minimum of five years and made available on site during normal business hours to the APCO, ARB, or EPA, and submitted to the APCO, ARB, or EPA upon request." The following condition(s) ensures on-going compliance with this section:

- 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]

- 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 made available for District inspection upon request. [District Rule 4621]

Section 6.2.4 states "Operators shall notify the District at least seven days prior to any performance testing." Section 6.2.5 states "Operators shall submit all performance test results to the District within 30 days of test completion." The following condition(s) ensures on-going compliance with this section:

- 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]

Section 6.3.1 states "Installation and maintenance contractors shall be certified by the ICC for Vapor Recovery System Installation and Repair (VI) and make available onsite proof of ICC certification for VI, and have and make available on site proof of any and all certifications required by the applicable ARB Executive Order and installation and operation manual in order to install or maintain specific systems, or work under the direct and personal supervision of an individual physically present at the work site who possesses and makes available onsite a current certificate from the ICC, indicating he or she has passed the VI exam and all certifications required by the applicable ARB Executive Order." Section 6.3.2 states "All ICC certifications shall be renewed every 24 months by passing the appropriate exam specific to the certification being sought." The following condition(s) ensures on-going compliance with this section:

- 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]
- 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]

Section 6.3.3 states "Gasoline Dispensing Facility Testers wishing to conduct vapor recovery system testing and repair at facilities located within the District,

shall be in full compliance with District Rule 1177 (Gasoline Dispensing Facility Tester Certification)." The following condition(s) ensures on-going compliance with this section:

- 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]

Compliance is expected with this rule.

District Rule 4622, Gasoline Transfer into Motor Vehicle Fuel Tanks

This rule applies to gasoline dispensing facilities that fuel motor vehicles except existing facilities with a throughput of less than or equal to 24,000 gallons of gasoline per calendar year and less than or equal to 10,000 gallons in any consecutive 30-day period.

Section 4.1 states "except for the provisions of Section 6.1.1 and 6.1.2, requirements of this rule shall not apply to the transfer of gasoline into motor vehicle fuel tanks from any existing storage container, as defined in Section 3.11, with an aggregate dispensing operation throughput of:

4.1.1 less than or equal to 24,000 gallons per calendar year; and

4.1.2 less than or equal to 10,000 gallons in any consecutive 30-day period.

4.1.3 Any facility which exceeds the throughput limitations under Section 4.1.1 or 4.1.2 shall be subject to all provisions of this rule on and after the date the throughput limitations were exceeded and shall be in compliance according to the schedule in Section 7.1."

Section 3.11 defines an "Existing Storage Container" as a gasoline storage container which was in existence on or before May 21, 1992.

Section 6.1.1 states that gasoline dispensing operations that are exempt under Section 4.1 shall maintain gasoline throughput records which will 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.

Section 6.1.2 states that any gasoline dispensing operation previously exempt under Section 4.1 whose gasoline throughput exceeds the exemption

levels in Sections 4.1.1 and 4.1.2 shall notify the District within 30 days of the date of exceeding the exemption levels.

This gasoline dispensing operation is exempt from the requirements of District Rule 4622 per section 4.1. The gasoline storage tank was installed on or prior to May 21, 1992. The operation is limited to dispense less than or equal to 24,000 gallons of gasoline per calendar year and less than or equal to 10,000 gallons in any consecutive 30-day period. The following conditions ensure on-going compliance with this section:

- {4251} 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]
- {modified 4010} 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]

Compliance is expected with this rule.

District Rule 4701, Internal Combustion Engines-Phase 1

Since the applicable requirements in Rule 4702 are equivalent or more stringent than that of the Rule 4701, compliance with Rule 4702 requirements will satisfy requirements of Rule 4701.

District Rule 4702, Internal Combustion Engines

Section 2.0 - Applicability

This rule applies to any internal combustion engine rated at 25 brake horsepower or greater.

The engine under permit N-398-7 is rated at 689 bhp; therefore, this rule is applicable.

Section 4.0 – Exemptions

Pursuant to Section 4.3, except for the requirements of Section 6.2.3, the requirements of this rule shall not apply to an internal combustion engine that meets the following conditions:

- The engine is operated exclusively to preserve or protect property, human life, or public health during a disaster or state of emergency, such as a fire or flood; and
- Except for operations (stated above), the engine is limited to operate no more than 100 hours per calendar year as determined by an operational non-resettable elapsed time meter, for periodic maintenance, periodic readiness testing, and readiness testing during and after repair work of the engine; and
- The engine is operated with an operational non-resettable elapsed time meter. In lieu of installing a non-resettable elapsed time meter, the operator of an engine may use an alternative device, method, or technique, in determining operating time provided that the alternative is approved by the APCO and EPA. The operator of the engine shall properly maintain and operate the non-resettable elapsed time meter or alternative device in accordance with the manufacturer's instructions.

The unit under permit N-398-7 is a 689 bhp Tier-3 diesel-fueled internal combustion engine equipped with an electrical generator. This unit is permitted to operate during emergency situations including power outage caused by sudden and reasonably unforeseen natural disasters, or sudden and reasonably unforeseen events beyond the control of the owner or operator. The non-emergency engine operation is limited to 50 hours per calendar year for all maintenance, testing and required regulatory purposes. The operation is required to be recorded using a non-resettable elapsed time meter or other APCO approved alternative. Therefore, this engine is not subject to the requirements in this rule with an exception of requirements in 6.2.3.

The following conditions ensure on-going compliance with this section:

- This engine shall be equipped with a non-resettable hour meter with a minimum display capability of 9,999 hours, unless the District determines that a non-resettable hour meter with a different minimum display capability is appropriate in consideration of the historical use of the engine and the owner or operator's compliance history. [District Rule 4702 and 17 CCR 93115]

- 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 and 17 CCR 93115]
- 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 and 17 CCR 93115]
- 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]

Section 6.2 – Recordkeeping

Section 6.2.3 requires that an owner 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:

- Total hours of operation,
- The type of fuel used,
- The purpose for operating the engine,
- For emergency standby engines, all hours of non-emergency and emergency operation shall be reported, and
- Other support documentation necessary to demonstrate claim to the exemption.

The following conditions ensure on-going compliance with this section:

- 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, 17 CCR 93115, and 40 CFR Part 60 Subpart III]

- The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702 and 17 CCR 93115]
- 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]

Compliance is expected with this Rule.

District Rule 4801, Sulfur Compounds

Section 3.1 states that a person shall not discharge into the atmosphere sulfur compounds, which would exist as a liquid or gas at standard conditions, exceeding a concentration of two-tenths (0.2) percent by volume calculated as sulfur dioxide (SO₂) at the point of discharge on a dry basis averaged over 15 consecutive minutes.

Permits units N-398-6 and '-7 are subject to the requirements of this rule at this time.

N-398-7:

Rule 4801 limit of 0.2% equates to 2,000 ppmvd, and F-factor for natural gas combustion is 8,578 dscf/MMBtu at 60°F. Using this data, SO_x emissions in lb/MMBtu would be:

$$\text{SO}_x \left(\frac{\text{lb}}{\text{MMBtu}} \right) = \frac{(2,000 \times 10^{-6}) \left(8,578 \frac{\text{dscf}}{\text{MMBtu}} \right) \left(64 \frac{\text{lb-SO}_x}{\text{lb-mol}} \right)}{\left(379.5 \frac{\text{dscf}}{\text{lb-mol}} \right)} = 2.9 \frac{\text{lb-SO}_x}{\text{MMBtu}}$$

PUC quality natural gas contains a maximum of 1.0 gr-S/100 scf, which equates to 0.00285 lb-SO_x/MMBtu³. Since these emissions are less than 2.9 lb/MMBtu, continued compliance is expected.

N-398-6:

Rule 4801 limit of 0.2% equates to 2,000 ppmvd, and F-factor for diesel-fuel combustion is 9,051 dscf/MMBtu at 60°F. Using this data, SO_x emissions in lb/MMBtu would be:

³ 1.0 gr-S/100 scf x 64.066 lb-SO₂/32.065 lb-S x scf/1,000 Btu x 10⁶ Btu/MMBtu x lb-S/7,000 gr-S = 0.00285 lb-SO₂/MMBtu

$$\text{SO}_x \left(\frac{\text{lb}}{\text{MMBtu}} \right) = \frac{(2.000 \times 10^{-6}) \left(9.051 \frac{\text{dscf}}{\text{MMBtu}} \right) \left(64 \frac{\text{lb-SO}_x}{\text{lb-mol}} \right)}{\left(379.5 \frac{\text{dscf}}{\text{lb-mol}} \right)} = 3.1 \frac{\text{lb-SO}_x}{\text{MMBtu}}$$

Engine is required to use ultra low sulfur diesel fuel containing no more than 0.0015% by wt. sulfur, which equates to 0.00155 lb/MMBtu⁴. Since these emissions are less than 3.1 lb/MMBtu, continued compliance is expected.

District Rule 4694, Wine Fermentation and Storage Tanks

The purpose of this rule is to reduce emissions of volatile organic compounds (VOC) from the fermentation and bulk storage of wine, or achieve equivalent reductions from alternative emission sources. This rule is applicable to all facilities with fermentation emissions in excess of 10 tons-VOC/year. The storage tank provisions of this rule apply to all tanks with capacity in excess of 5,000 gallons.

Section 5.1 requires the winery operator achieve Required Annual Emissions Reductions (RAER) equal to at least 35% of the winery's Baseline Fermentation Emissions (BFE). Per the definition of RAER in Section 3.25 of the Rule, the RAER may be achieved by any combination of Fermentation Emission Reductions (FER), Certified Emission Reductions (CER) or District Obtained Emission Reductions (DOER) as established in the facility's District-approved Rule 4694 Compliance Plan. This plan will be due every three years on December 1st beginning in 2018. Note that the facility had submitted the Three-Year Compliance Plan for this site on November 28, 2018. The following condition in facility-wide permit N-398-0 ensures on-going compliance with this section:

- This facility shall annually achieve the Required Annual Emission Reductions (RAER) as specified in the facility's APCO-approved Three-Year Compliance Plan for District Rule 4694. [District Rule 4694]
- A Three-Year Compliance Plan that demonstrates compliance with the requirements of Section 5.1 of District Rule 4694 (12/15/05) for each year of the applicable compliance period shall be submitted to the District every three years on or before December 1. [District Rule 4694]

⁴ 0.0015 lb-S/100 lb-fuel x 64.066 lb-SO₂/32.065 lb-S x 7.1 lb-fuel/gal x gal/0.137 MMBtu = 0.00155 lb-SO₂/MMBtu

Section 5.2 places specific restrictions on wine storage tanks with 5,000 gallons or more in capacity when such tanks are not constructed of wood or concrete. Section 5.2.1 requires these tanks to be equipped and operated with a pressure-vacuum relief valve meeting all of the following requirements:

- The pressure-vacuum relief valve shall operate within 10% of the maximum allowable working pressure of the tank,
- The pressure-vacuum relief valve shall operate in accordance with the manufacturer's instructions, and
- The pressure-vacuum relief valve shall be permanently labeled with the operating pressure settings.
- The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21.

The following conditions for stainless steel wine storage tanks with capacity equal to or greater than 5,000 gallons ensures on-going compliance with this section:

- When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rule 4694]
- When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rule 4694]

Section 5.2.2 requires that the temperature of the stored wine be maintained at or below 75° F.

The following conditions for stainless steel wine storage tanks with capacity equal to or greater than 5,000 gallons ensures on-going compliance with this section:

- When used for wine storage, the temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least

once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rule 4694]

Note that tanks under permits N-398-145, -146 and '-289 are all less than 5000-gallon, and the tanks under permits N-398-249 to '-288 are all concrete tanks. Therefore, requirements of section 5.2 are not applicable to these permit units.

Section 6.1 and 6.2 require the facility to submit a Three-Year Compliance Plan and a Three-Year Compliance Plan Verification respectively. Section 6.3 requires that an Annual Compliance Plan Demonstration be submitted to the District no later than February 1 of each year to show compliance with the applicable requirements of the Rule. Section 6.4.3 requires that all monitoring be performed for any Certified Emission Reductions as identified in the facility's Three-Year Compliance Plan and that the records of all monitoring be maintained. The following conditions in facility-wide permit N-398-0 ensure on-going compliance with this section:

- A Three-Year Compliance Plan that demonstrates compliance with the requirements of Section 5.1 of District Rule 4694 (12/15/05) for each year of the applicable compliance period shall be submitted to the District every three years on or before December 1. [District Rule 4694]
- A Three-Year Compliance Plan Verification that demonstrates that the Three-Year Compliance Plan elements are in effect shall be submitted to the District by no later than July 1, 2019, and every three years thereafter on or before July 1. [District Rule 4694]
- An Annual Compliance Plan Demonstration that shows compliance with the applicable requirements of this rule shall be submitted to the District by no later than February 1, 2020, and every year thereafter on or before February 1. [District Rule 4694]
- Operators using CER to mitigate fermentation emissions shall perform all monitoring and recordkeeping, as established in their approved Three-Year Compliance Plan, and shall maintain all records necessary to demonstrate compliance. [District Rule 4694]

Section 6.4.1 requires that records be kept for each fermentation batch. The following condition(s) ensures on-going compliance with this section:

- For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rule 4694]

Section 6.4.2 requires that weekly records be kept of wine volume and temperature in each storage tank. The following condition(s) ensures on-going compliance with this section:

- When used for wine storage, the operator shall determine and record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

Section 6.4 requires that records required by this rule be maintained, retained on-site for a minimum of five years, and made available to the APCO upon request. The following condition(s) ensures on-going compliance with this section:

- All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070 and 4694]

Compliance is expected with this Rule.

District Rule 4695, Brandy Aging and Wine Aging Operations

The purpose of this rule is to limit volatile organic compound (VOC) emissions from brandy aging and wine aging operations. The rule is applicable to all brandy aging and wine aging operations. For the purpose of Rule 4695, aging is to keep in a non-temporary or transient manner, brandy or wine in containers with the objective of acquiring desirable characteristics from contact with wood.

This winery does not perform any wine aging at this site. Therefore, this rule does not apply.

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

§93115.5 - Fuel and Fuel Additive Requirements for New and In-Use Stationary CI Engines That Have a Rated Brake Horsepower of Greater than 50 (>50 bhp)

Section (a) states as of January 1, 2006, except as provided for in sections 93115.3 and 93115.5(c), no owner or operator of a new stationary CI engine or an in-use prime stationary diesel-fueled CI engine shall fuel the engine with any fuel unless the fuel is one of the following:

- (1) CARB Diesel Fuel; or
- (2) an alternative diesel fuel that is:
 - (A) biodiesel;
 - (B) a biodiesel blend that does not meet the definition of CARB Diesel Fuel;
 - (C) a Fischer-Tropsch fuel; or
 - (D) an emulsion of water in diesel fuel; or
- (3) any alternative diesel fuel that is not identified in section 93115.5(a)(2) above and meets the requirements of the Verification Procedure; or
- (4) an alternative fuel; or
- (5) CARB Diesel Fuel used with fuel additives that meets the requirements of the Verification Procedure; or
- (6) any combination of 93115.5(a)(1) through (5) above.

The engine under permit N-398-7 was installed in December 2010. Since the engine was installed after January 1, 2005, this unit is considered a "New" unit under the ATCM.

The following condition in permit N-398-7 ensures on-going compliance with this section:

- Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, 17 CCR 93115, and 40 CFR Part 60 Subpart III]

§93115.6 - Emergency Standby Diesel-Fueled CI Engine (>50 bhp) Operating Requirements and Emission Standards

Section (a)(3)(A), Standards and Hours of Operating Requirements

1. New stationary emergency standby diesel-fueled engines (>50 bhp) shall:

- a. meet the applicable emission standards for all pollutants for the same model year and maximum horsepower rating as specified in Table 1 Emission Standards for New Stationary Emergency Standby Diesel-Fueled CI Engines, in effect on the date of acquisition or submittal, as defined in section 93115.4, and
 - b. after December 31, 2008, be certified to the new nonroad compression-ignition (CI) engine emission standards for all pollutants for 2007 and later model year engines as specified in 40 CFR, PART 60, Subpart III- Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (2006); and
 - c. not operate more than 50 hours per year for maintenance and testing purposes, except as provided in 93115.6(a)(3)(A)2. This subsection does not limit engine operation for emergency use and for emission testing to show compliance with 93115.6(a)(3).
2. The District may allow a new stationary emergency standby diesel-fueled CI engine (> 50 hp) to operate up to 100 hours per year for maintenance and testing purposes on a site-specific basis, provided the diesel PM emission rate is less than or equal to 0.01 g/bhp-hr.

Table 1: Emission Standards for New Stationary Emergency Standby Diesel-Fueled CI Engines g/bhp-hr (g/kW-hr)				
Maximum Engine Power	Model year(s)	PM	NMHC+NOx	CO
50 ≤ HP < 75 (37 ≤ kW < 56)	2007	0.15 (0.20)	5.8 (7.5) 3.5 (4.7)	3.7 (5.0)
	2008+			
75 ≤ HP < 100 (56 ≤ kW < 75)	2007	0.15 (0.20)	5.8 (7.5) 3.5 (4.7)	3.7 (5.0)
	2008+			
100 ≤ HP < 175 (75 ≤ kW < 130)	2007	0.15 (0.20)	3.0 (4.0)	3.7 (5.0)
	2008+			
175 ≤ HP < 300 (130 ≤ kW < 225)	2007	0.15 (0.20)	3.0 (4.0)	2.6 (3.5)
	2008+			
300 ≤ HP < 600 (225 ≤ kW < 450)	2007	0.15 (0.20)	3.0 (4.0)	2.6 (3.5)
	2008+			
600 ≤ HP < 750 (450 ≤ kW < 560)	2007	0.15 (0.20)	3.0 (4.0)	2.6 (3.5)
	2008+			
HP > 750 (kW > 560)	2007	0.15 (0.20)	4.8 (6.4)	2.6 (3.5)
	2008+			

1. May be subject to additional emission limitations as specified in current applicable district rules, regulations or policies.

The engine under permit N-398-7 is a 689 bhp 2010 year model year engine. This engine is certified at the following emissions rates: 2.76 g/bhp-hr of NOx and NMHC, 0.10 g/bhp-hr of PM emissions, and 2.2 g/bhp-hr of CO

emissions⁵. Since the certified emissions rates are less than the required emission standards listed in the above table for this engine size, compliance is expected with item a of Section (a)(3)(A)(1).

As discussed above under 40 CFR Part 60 Subpart IIII-Standards of Performance for Stationary Compression Ignition Internal Combustion Engine, the emission rates from engine are less than the applicable emissions standard in this subpart. Therefore, compliance is expected with item b of (a)(3)(A)(1).

The proposed engine will not be permitted to operate more than 5 hours per year for maintenance and testing purposes. Therefore, compliance is expected with item c of (a)(3)(A)(1).

The following condition(s) will be included in the permit:

- Emissions from this IC engine shall not exceed any of the following limits: 2.48 g-NOx/bhp-hr, 2.39 g-CO/bhp-hr, or 0.28 g-VOC/bhp-hr. [District Rule 2201, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]
- Emissions from this IC engine shall not exceed 0.10 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201, 4102, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII]
- 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]

Section (a)(3) (B), the District:

1. May establish more stringent diesel PM, NMHC+NOx, HC, NOx, and CO emission rate standards; and
2. May establish more stringent limits on hours of maintenance and testing on a site-specific basis; and
3. Shall determine an appropriate limit on the number of hours of operation for demonstrating compliance with other District rules and initial start-up testing.

⁵ Per CARB Executive Order U-R-001-0375 in the application file for project N-1103668

The emission rates for the engine N-398-7 were established based on the information provided by the applicant, and are equal to or stringent than the current District requirements.

§93115.10 – Recordkeeping, Reporting, and Monitoring Requirements

Pursuant to section (f)(1), starting January 1, 2005, each owner or operator of an emergency standby diesel-fueled CI engine shall keep records and prepare a monthly summary that shall list and document the nature of use for each of the following:

- A. Emergency use hours of operation;
- B. Maintenance and testing hours of operation;
- C. Hours of operation for emission testing;
- D. Initial start-up hours; and
- E. If applicable, hours of operation to comply with the testing requirements of NFPA 25
- F. Hours of operation for all uses other than those specified in sections 'a' through 'd' above; and
- G. If applicable, DRP (Demand Response Program) engine hours of operation, and
- H. The fuel used.

The following conditions in permit N-398-7 ensure on-going compliance with this section:

- 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, 17 CCR 93115, and 40 CFR Part 60 Subpart III]
- The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702 and 17 CCR 93115]

Section (f)(2) requires that records shall be retained for a minimum of 36 months. Records for the prior 24 months shall be retained on-site, either at a central location or at the engine's location, or at an offsite central location within California, and shall be made immediately available to the District staff

upon request. Records for the prior 25 to 36 months shall be made available to District staff within 5 working days from request.

The following condition in permit N-398-7 ensure on-going compliance with this section:

- 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]

Compliance is expected with this regulation.

40 CFR Part 64, Compliance Assurance Monitoring (CAM)

40 CFR Part 64 requires CAM for units that meet the following three criteria:

1. Unit must have an emission limit for the pollutant;
2. Unit must have add-on controls for the pollutant; these are devices such as flue gas recirculation (FGR), SCR system, baghouses, and thermal/catalytic oxidizers; and
3. Unit must have a pre-control potential to emit of greater than the major source thresholds given below:

NOx: 20,000 lb/yr
SOx: 140,000 lb/yr
PM₁₀: 140,000 lb/yr
CO: 200,000 lb/yr
VOC: 20,000 lb/yr

N-398-2 (Gasoline dispensing operation)

This operation is a source of VOC emissions. The operation is served by Phase I Enhanced Vapor Recovery (EVR) system. There is one fueling point with Phase II exempt gasoline dispensing nozzle. The operation is limited to dispense 24,000 gal/yr. The uncontrolled emissions are estimated as follows:

$$\begin{aligned} &= (19.51 \text{ lb-VOC}/1,000 \text{ gal}^6)(24,000 \text{ gal/yr}) \\ &= 468 \text{ lb-VOC/yr} \end{aligned}$$

Since the pre-control VOC emissions are less than the major source threshold for VOC emissions, this operation is not subject to CAM requirements.

⁶EF for tank filling loss (controlled), breathing loss, vehicle fueling loss, and spillage loss are taken from the application review under project N-1132226. These EFs are used to estimate pre-control emission factor as follows: $(0.42/(1-0.95) + 2.1 + 8.4 + 0.61)$ lb-VOC/1,000 gal = 19.51 lb-VOC/1,000 gal.

N-398-6 (Boiler)

This unit is not equipped with any add-on emissions control equipment; therefore, CAM is not required.

N-398-7 (Emergency IC engine)

This unit is not equipped with any add-on emissions control equipment; therefore, CAM is not required.

N-398-8 through '-144, '-147 through '-248 (Wine fermentation and storage tanks – Steel tanks $\geq$ 5,000-gallon)

When used for wine storage, tanks are required to be equipped with pressure relief valves. A pressure relief valve does not constitute a control device because it does not meet the definition of a “control device” (defined in Part 64.1) since it does not destroy or remove air pollutants. Furthermore, a pressure relief valve is an “inherent process equipment” (defined in Part 64.1) since it installed on each tank primarily to limit the contact of wine with oxygen in the atmosphere. Therefore, CAM does not apply to the wine fermentation or storage tanks.

N-398-145, '-146 and '-289 (Wine fermentation and storage tanks – Steel tanks <5,000-gallon)

These tanks are not equipped with any add-on emissions control equipment; therefore, CAM is not required.

N-398-249 through '-288 (Wine fermentation and storage tanks – Concrete tanks >5,000-gallon)

These tanks are not equipped with any add-on emissions control equipment; therefore, CAM is not required.

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

By using the model general permit template(s) listed in Section IV of this evaluation, the applicant has requested that a permit shield be issued for

requirements addressed in the template(s). The basis for each permit shield is discussed in the Permit Shield section of each template.

B. Requirements not Addressed by Model General Permit Templates

The model general permit template contains requirements related to the permit shields. Therefore, no further discussion is necessary.

XI. PERMIT CONDITIONS

See Attachment A – Draft Title V Operating Permit.

XII. ATTACHMENTS

- A. Draft Title V Operating Permit
- B. Detailed Facility List
- C. Exempt Equipment
- D. Permits to Operate
- E. HAP Calculations

ATTACHMENT A

Draft Title V Operating Permit

San Joaquin Valley Air Pollution Control District

FACILITY: N-398-0-2

EXPIRATION DATE: 09/30/2024

FACILITY-WIDE REQUIREMENTS

1. {4362} The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
2. {4363} The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
3. {4364} The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
4. {4365} Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (12/20/07). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
5. {4366} The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.8.1 and 9.13.1] Federally Enforceable Through Title V Permit
6. {4367} A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
7. {4368} Every application for a permit required under Rule 2010 (12/17/92) shall be filed in a manner and form prescribed by the District. [District Rule 2040] Federally Enforceable Through Title V Permit
8. {4369} The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit

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: BARREL TEN QUARTER CIRCLE LAND CO INC
Location: 21801 E HIGHWAY 120, ESCALON, CA 95320

N-398-0-2 Nov 25 2019 12:02PM - KAH/LONJ

9. {4370} The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
10. {4371} The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.5.1] Federally Enforceable Through Title V Permit
11. {4372} Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520 (6/21/01). [District Rules 2520, 9.5.2 and 1100, 7.0] Federally Enforceable Through Title V Permit
12. {4373} If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.7] Federally Enforceable Through Title V Permit
13. {4374} It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.8.2] Federally Enforceable Through Title V Permit
14. {4375} The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.8.3] Federally Enforceable Through Title V Permit
15. {4376} The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.8.4] Federally Enforceable Through Title V Permit
16. {4377} The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.8.5] Federally Enforceable Through Title V Permit
17. {4378} The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.9] Federally Enforceable Through Title V Permit
18. {4379} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.13.2.1] Federally Enforceable Through Title V Permit
19. {4380} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.13.2.2] Federally Enforceable Through Title V Permit
20. {4381} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.13.2.3] Federally Enforceable Through Title V Permit
21. {4382} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.13.2.4] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

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

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

34. {4395} Any unpaved vehicle/equipment area that anticipates more than 50 Average annual daily Trips (AADT) shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 150 vehicle trips per day (VDT) shall comply with the requirements of Section 5.1.2 of District Rule 8071. On each day that 25 or more VDT with 3 or more axles will occur on an unpaved vehicle/equipment traffic area, the owner/operator shall comply with the requirements of Section 5.1.3 of District Rule 8071. On each day when a special event will result in 1,000 or more vehicles that will travel/park on an unpaved area, the owner/operator shall comply with the requirements of Section 5.1.4 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (9/16/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8071] Federally Enforceable Through Title V Permit
35. {4396} Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M] Federally Enforceable Through Title V Permit
36. {4397} The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
37. {4398} The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
38. {4399} When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
39. {4400} Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), and Rule 202 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
40. {4401} Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4601 (12/17/09); 8021 (8/19/2004); 8031 (8/19/2004); 8041 (8/19/2004); 8051 (8/19/2004); 8061 (8/19/2004); and 8071 (9/16/2004). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
41. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
42. On {MONTH DAY, YEAR}, the initial Title V permit was issued. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report are based upon this initial permit issuance date, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days after the end of the reporting period. [District Rule 2520] Federally Enforceable Through Title V Permit
43. This facility shall annually achieve the Required Annual Emission Reductions (RAER) as specified in the facility's APCO-approved Three-Year Compliance Plan for District Rule 4694. [District Rule 4694] Federally Enforceable Through Title V Permit
44. A Three-Year Compliance Plan that demonstrates compliance with the requirements of Section 5.1 of District Rule 4694 (12/15/05) for each year of the applicable compliance period shall be submitted to the District every three years on or before December 1. [District Rule 4694] 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.

45. A Three-Year Compliance Plan Verification that demonstrates that the Three-Year Compliance Plan elements are in effect shall be submitted to the District by no later than July 1, 2019, and every three years thereafter on or before July 1. [District Rule 4694] Federally Enforceable Through Title V Permit
46. An Annual Compliance Plan Demonstration that shows compliance with the applicable requirements of this rule shall be submitted to the District by no later than February 1, 2020, and every year thereafter on or before February 1. [District Rule 4694] Federally Enforceable Through Title V Permit
47. Operators using CER to mitigate fermentation emissions shall perform all monitoring and recordkeeping, as established in their approved Three-Year Compliance Plan, and shall maintain all records necessary to demonstrate compliance. [District Rule 4694] 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-398-2-3

EXPIRATION DATE: 09/30/2024

EQUIPMENT DESCRIPTION:

GASOLINE DISPENSING OPERATION WITH ONE 1,000 GALLON SPLIT (500 GALLON GASOLINE/500 GALLON DIESEL) CONVAULT ABOVEGROUND STORAGE TANK SERVED BY MORRISON BROTHERS PHASE I EVR SYSTEM (VR-402-B), STANDING LOSS CONTROL (VR-301-E), AND 1 FUELING POINT WITH 1 PHASE II EXEMPT GASOLINE DISPENSING NOZZLE

PERMIT UNIT REQUIREMENTS

1. The Phase I and Standing Loss Control Vapor recovery systems shall be installed and maintained in accordance with the manufacturer specifications and the ARB Executive Orders 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 and CH&SC 41950] Federally Enforceable Through Title V Permit
2. This gasoline storage and dispensing equipment shall not be used in retail sales, where gasoline dispensed by the unit is subject to payment of California sales tax on gasoline sales. [District Rule 4621] Federally Enforceable Through Title V Permit
3. 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
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] Federally Enforceable Through Title V Permit
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] Federally Enforceable Through Title V Permit
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] Federally Enforceable Through Title V Permit
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] Federally Enforceable Through Title V Permit
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] 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.

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] Federally Enforceable Through Title V Permit
10. The permittee shall perform and pass a Static Leak Test "Determination of Static Pressure Performance of Vapor Recovery Systems at Gasoline Dispensing Facilities with Aboveground Tanks" in accordance with the Executive Order specified in this permit for the Phase I Vapor Recovery System at least once every 36 months. [District Rule 4621] Federally Enforceable Through Title V Permit
11. The permittee shall perform and pass a Static Leak Test for Aboveground Tanks using ARB TP-201.3B or TP-206.3, as applicable. [District Rule 4621] Federally Enforceable Through Title V Permit
12. 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
13. 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
14. 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
15. 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] Federally Enforceable Through Title V Permit
16. 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
17. 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
18. 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

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-398-6-2

EXPIRATION DATE: 09/30/2024

EQUIPMENT DESCRIPTION:

10.083 MMBTU/HR CLAYTON MODEL SEG-245-1 FMB NATURAL GAS FIRED BOILER

PERMIT UNIT REQUIREMENTS

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
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] Federally Enforceable Through Title V Permit
4. NOx emission concentration shall not exceed 6.0 ppmvd @ 3% O2 or 0.007 lb-NOx/MMBtu. [District Rules 2201, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
5. CO emission concentration shall not exceed 50 ppmvd @ 3% O2 or 0.037 lb-CO/MMBtu. [District Rules 2201, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
6. Emissions shall not exceed any of the following limits: 0.00285 lb-SOx/MMBtu, 0.0055 lb-VOC/MMBtu or 0.0076 lb-PM10/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The unit shall only be fired on PUC-regulated natural gas. [District Rules 2201 and 4320] Federally Enforceable Through Title V Permit
8. Heat input to this boiler shall not exceed 48,753 MMBtu per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
9. A non-resettable, totalizing mass or volumetric fuel flow meter (or a District approved equivalent method) to measure the amount of natural gas combusted in the unit shall be installed, utilized and maintained. [District Rules 2201, 4305, 4306 and 4320, and 40 CFR 60.48c(g)] Federally Enforceable Through Title V Permit
10. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
11. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
12. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081] Federally Enforceable Through Title V Permit
13. Source testing to measure NOx and CO emissions from this unit while fired on natural gas shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
15. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
16. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
17. Fuel sulfur content shall be determined using EPA Method 11 or EPA Method 15 or District, CARB and EPA approved alternative methods. [District Rule 4320] Federally Enforceable Through Title V Permit
18. Permittee shall determine sulfur content of combusted gas annually or shall demonstrate that the combusted gas is provided from a PUC or FERC regulated source. [District Rules 1081 and 4320] Federally Enforceable Through Title V Permit
19. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
20. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4320. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
21. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
22. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
23. If either the NO_x or CO concentrations corrected to 3% O₂, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of performing the notification and testing required by this condition. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
24. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit

DRAFT

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

25. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 3% O₂, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
26. The owner or operator shall maintain records of the amount of fuel combusted during each calendar month in this unit. [40 CFR 60.48c(g)] Federally Enforceable Through Title V Permit
27. Records of monthly and annual heat input (MMBtu) shall be maintained. [District Rules 2201, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
28. All records shall be maintained and retained on-site for a minimum of five years and shall be made available for District inspection upon request. [District Rules 1070, 4305, 4306 and 4320, and 40 CFR 60.48c(i)] 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-398-7-1

EXPIRATION DATE: 09/30/2024

EQUIPMENT DESCRIPTION:

689 BHP CATERPILLAR MODEL C15 TIER-3 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE
POWERING AN ELECTRICAL GENERATOR

PERMIT UNIT REQUIREMENTS

1. 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] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. {1898} The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
4. This engine shall be equipped with a non-resettable hour meter with a minimum display capability of 9,999 hours, unless the District determines that a non-resettable hour meter with a different minimum display capability is appropriate in consideration of the historical use of the engine and the owner or operator's compliance history. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
5. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, 17 CCR 93115, and 40 CFR Part 60 Subpart IIII] Federally Enforceable Through Title V Permit
6. Emissions from this IC engine shall not exceed any of the following limits: 2.48 g-NOx/bhp-hr, 2.39 g-CO/bhp-hr, or 0.28 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 0.10 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201, 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 Part 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 and 17 CCR 93115] 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. 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 and 17 CCR 93115] Federally Enforceable Through Title V Permit
12. 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
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, 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

Facility Name: BARREL TEN QUARTER CIRCLE LAND CO INC

Location: 21801 E HIGHWAY 120, ESCALON, CA 95320

N-398-7-1 Nov 25 2019 12:02PM - KAH/LON J

Important Note!

There are 282 wine tanks at this facility. These tanks fall into one of the three categories listed in the following table. To ease the review process, three draft permits are included (one from each category) in this section.

Category/Description	Permit Numbers	Draft Permit
1. Wine fermentation and storage tanks – Steel tanks $\geq 5,000$-gallon	N-398-8 through '-144, '-147 through '-248	N-398-8
2. Wine fermentation and storage tanks – Steel tanks $< 5,000$-gallon	N-398-145, '-146 and '-289	N-398-145
3. Wine fermentation and storage tanks – Concrete tanks $> 5,000$-gallon	N-398-249 through '-288	N-398-249

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-398-8-1

EXPIRATION DATE: 09/30/2024

EQUIPMENT DESCRIPTION:

231,608 GALLON NOMINAL STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #46) WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. {3658} 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]
2. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rule 4694] Federally Enforceable Through Title V Permit
3. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rule 4694] Federally Enforceable Through Title V Permit
4. When used for wine storage, the temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rule 4694] Federally Enforceable Through Title V Permit
5. When used for wine storage, the operator shall determine and record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit
6. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rule 4694] Federally Enforceable Through Title V Permit
7. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070 and 4694] 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-398-145-1

EXPIRATION DATE: 09/30/2024

EQUIPMENT DESCRIPTION:

4,220 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #704) WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. {3658} 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]
2. When used for wine storage, the operator shall determine and record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit
3. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rule 4694] Federally Enforceable Through Title V Permit
4. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070 and 4694] 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-398-249-1

EXPIRATION DATE: 09/30/2024

EQUIPMENT DESCRIPTION:

64,587 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #152A) WITHOUT PRESSURE/VACUUM VALVE, INSULATED, AND LOCATED INDOOR

PERMIT UNIT REQUIREMENTS

1. {3658} 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]
2. When used for wine storage, the operator shall determine and record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit
3. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rule 4694] Federally Enforceable Through Title V Permit
4. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070 and 4694] Federally Enforceable Through Title V Permit

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

ATTACHMENT B

Detailed Facility List

Detailed Facility Report

For Facility=398 and excluding Deleted Permits
Sorted by Facility Name and Permit Number11/25/19
12:01 pm

BARREL TEN QUARTER CIRCLE LAND CO INC		FAC #	N 398	TYPE:	TitleV	EXPIRE ON:
21801 E HIGHWAY 120		STATUS:	A	TOXIC ID:	70294	AREA:
ESCALON, CA 95320		TELEPHONE:	2095383131			INSP. DATE:
						08/20

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-398-2-2	1 Nozzle	3020-11 A	1	42.00	42.00	A	GASOLINE DISPENSING OPERATION WITH ONE 1,000 GALLON SPLIT (500 GALLON GASOLINE/500 GALLON DIESEL) CONVAULT ABOVEGROUND STORAGE TANK SERVED BY MORRISON BROTHERS PHASE I LEVR SYSTEM (VR-402-B), STANDING LOSS CONTROL (VR-301-E), AND 1 FUELING POINT WITH 1 PHASE II EXEMPT GASOLINE DISPENSING NOZZLE
N-398-6-1	10.083 MMBtu/hr	3020-02 G	1	980.00	980.00	A	10.083 MMBTU/HR CLAYTON MODEL SEG-245-1 FMB NATURAL GAS FIRED BOILER
N-398-7-0	689 BHP IC Engine	3020-10 D	1	577.00	577.00	A	689 BHP CATERPILLAR MODEL C15 TIER 3 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR
N-398-8-0	231,608 gallons	3020-05 E	1	296.00	296.00	A	231,608 GALLON NOMINAL STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #46) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-9-0	318,601 gallons	3020-05 E	1	296.00	296.00	A	318,601 GALLON NOMINAL STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #47) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-10-0	318,447 gallons	3020-05 E	1	296.00	296.00	A	318,447 GALLON NOMINAL STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #48) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-11-0	8,298 gallons	3020-05 B	1	113.00	113.00	A	8,298 GALLON NOMINAL STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #50) WITH PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-12-0	8,306 gallons	3020-05 B	1	113.00	113.00	A	8,306 GALLON NOMINAL STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #51) WITH PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-13-0	8,303 gallons	3020-05 B	1	113.00	113.00	A	8,303 GALLON NOMINAL STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #52) WITH PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-14-0	8,312 gallons	3020-05 B	1	113.00	113.00	A	8,312 GALLON NOMINAL STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #53) WITH PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-15-0	8,303 gallons	3020-05 B	1	113.00	113.00	A	8,303 GALLON NOMINAL STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #54) WITH PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-16-0	8,306 gallons	3020-05 B	1	113.00	113.00	A	8,306 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #55) WITH PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR

Detailed Facility Report

For Facility=398 and excluding Deleted Permits
Sorted by Facility Name and Permit Number11/25/19
12:01 pm

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-398-17-0	135,208 gallons	3020-05 E	1	296.00	296.00	A	135,208 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #60) WITH PRESSURE/VACUUM VALVE, NON-INSULATED AND LOCATED OUTDOOR
N-398-18-0	135,208 gallons	3020-05 E	1	296.00	296.00	A	135,208 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #61) WITH PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-19-0	135,208 gallons	3020-05 E	1	296.00	296.00	A	135,208 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #62) WITH PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-20-0	135,208 gallons	3020-05 E	1	296.00	296.00	A	135,208 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #63) WITH PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-21-0	135,208 gallons	3020-05 E	1	296.00	296.00	A	135,208 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #64) WITH PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-22-0	135,207 gallons	3020-05 E	1	296.00	296.00	A	135,207 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #65) WITH PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-23-0	135,208 gallons	3020-05 E	1	296.00	296.00	A	135,208 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #66) WITH PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-24-0	134,629 gallons	3020-05 E	1	296.00	296.00	A	134,629 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #67) WITH PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-25-0	124,730 gallons	3020-05 E	1	296.00	296.00	A	124,730 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #68) WITH PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-26-0	124,115 gallons	3020-05 E	1	296.00	296.00	A	124,115 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #69) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-27-0	124,115 gallons	3020-05 E	1	296.00	296.00	A	124,115 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #70) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-28-0	124,115 gallons	3020-05 E	1	296.00	296.00	A	124,115 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #71) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-29-0	124,115 gallons	3020-05 E	1	296.00	296.00	A	124,115 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #72) WITH PRESSURE/VACUUM VALVE AND INSULATION

Detailed Facility Report

For Facility=398 and excluding Deleted Permits

Sorted by Facility Name and Permit Number

11/25/19
12:01 pm

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	STATUS	PERMIT	EQUIPMENT DESCRIPTION
N-398-30-0	124,115 gallons	3020-05 E	1	296.00	296.00	A		124,115 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #73) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-31-0	124,115 gallons	3020-05 E	1	296.00	296.00	A		124,115 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #74) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-32-0	124,115 gallons	3020-05 E	1	296.00	296.00	A		124,115 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #75) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-33-0	127,199 gallons	3020-05 E	1	296.00	296.00	A		127,199 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #76) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-34-0	127,183 gallons	3020-05 E	1	296.00	296.00	A		127,183 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #77) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-35-0	127,210 gallons	3020-05 E	1	296.00	296.00	A		127,210 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #78) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-36-0	127,173 gallons	3020-05 E	1	296.00	296.00	A		127,173 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #79) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-37-0	127,176 gallons	3020-05 E	1	296.00	296.00	A		127,176 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #80) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-38-0	127,180 gallons	3020-05 E	1	296.00	296.00	A		127,180 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #81) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-39-0	127,172 gallons	3020-05 E	1	296.00	296.00	A		127,172 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #82) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-40-0	127,232 gallons	3020-05 E	1	296.00	296.00	A		127,232 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #83) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-41-0	128,061 gallons	3020-05 E	1	296.00	296.00	A		128,061 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #84) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-42-0	128,061 gallons	3020-05 E	1	296.00	296.00	A		128,061 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #85) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-43-0	128,061 gallons	3020-05 E	1	296.00	296.00	A		128,061 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #86) WITH PRESSURE/VACUUM VALVE AND INSULATION

Detailed Facility Report

For Facility=398 and excluding Deleted Permits

Sorted by Facility Name and Permit Number

11/25/19
12:01 pm

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-398-44-0	128,061 gallons	3020-05 E	1	296.00	296.00	A	128,061 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #87) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-45-0	128,061 gallons	3020-05 E	1	296.00	296.00	A	128,061 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #88) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-46-0	128,061 gallons	3020-05 E	1	296.00	296.00	A	128,061 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #89) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-47-0	128,061 gallons	3020-05 E	1	296.00	296.00	A	128,061 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #90) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-48-0	128,061 gallons	3020-05 E	1	296.00	296.00	A	128,061 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #91) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-49-0	14,177 gallons	3020-05 B	1	113.00	113.00	A	14,177 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #121) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-50-0	14,177 gallons	3020-05 B	1	113.00	113.00	A	14,177 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #122) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-51-0	14,177 gallons	3020-05 B	1	113.00	113.00	A	14,177 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #123) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-52-0	14,177 gallons	3020-05 B	1	113.00	113.00	A	14,177 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #124) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-53-0	14,177 gallons	3020-05 B	1	113.00	113.00	A	14,177 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #131) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-54-0	14,177 gallons	3020-05 B	1	113.00	113.00	A	14,177 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #132) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-55-0	14,177 gallons	3020-05 B	1	113.00	113.00	A	14,177 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #133) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-56-0	14,177 gallons	3020-05 B	1	113.00	113.00	A	14,177 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #134) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-57-0	14,177 gallons	3020-05 B	1	113.00	113.00	A	14,177 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #141) WITH PRESSURE/VACUUM VALVE AND INSULATION

Detailed Facility Report

For Facility=398 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-398-58-0	14,177 gallons	3020-05 B	1	113.00	113.00	A	14,177 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #142) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-59-0	14,177 gallons	3020-05 B	1	113.00	113.00	A	14,177 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #143) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-60-0	14,177 gallons	3020-05 B	1	113.00	113.00	A	14,177 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #144) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-61-0	14,177 gallons	3020-05 B	1	113.00	113.00	A	14,177 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #145) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-62-0	14,177 gallons	3020-05 B	1	113.00	113.00	A	14,177 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #146) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-63-0	14,177 gallons	3020-05 B	1	113.00	113.00	A	14,177 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #147) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-64-0	14,177 gallons	3020-05 B	1	113.00	113.00	A	14,177 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #151) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-65-0	14,177 gallons	3020-05 B	1	113.00	113.00	A	14,177 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #152) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-66-0	14,177 gallons	3020-05 B	1	113.00	113.00	A	14,177 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #153) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-67-0	14,177 gallons	3020-05 B	1	113.00	113.00	A	14,177 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #154) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-68-0	14,177 gallons	3020-05 B	1	113.00	113.00	A	14,177 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #155) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-69-0	14,177 gallons	3020-05 B	1	113.00	113.00	A	14,177 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #156) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-70-0	14,177 gallons	3020-05 B	1	113.00	113.00	A	14,177 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #157) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-71-0	25,979 gallons	3020-05 C	1	165.00	165.00	A	25,979 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #261) WITH PRESSURE/VACUUM VALVE AND INSULATION

Detailed Facility Report

For Facility=398 and excluding Deleted Permits

Sorted by Facility Name and Permit Number

11/25/19
12:01 pm

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-398-72-0	25,979 gallons	3020-05 C	1	165.00	165.00	A	25,979 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #262) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-73-0	25,979 gallons	3020-05 C	1	165.00	165.00	A	25,979 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #263) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-74-0	25,979 gallons	3020-05 C	1	165.00	165.00	A	25,979 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #271) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-75-0	25,979 gallons	3020-05 C	1	165.00	165.00	A	25,979 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #272) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-76-0	25,979 gallons	3020-05 C	1	165.00	165.00	A	25,979 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #273) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-77-0	24,126 gallons	3020-05 C	1	165.00	165.00	A	24,126 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #301) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-78-0	24,126 gallons	3020-05 C	1	165.00	165.00	A	24,126 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #302) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-79-0	24,126 gallons	3020-05 C	1	165.00	165.00	A	24,126 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #311) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-80-0	24,126 gallons	3020-05 C	1	165.00	165.00	A	24,126 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #312) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-81-0	24,126 gallons	3020-05 C	1	165.00	165.00	A	24,126 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #321) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-82-0	24,126 gallons	3020-05 C	1	165.00	165.00	A	24,126 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #322) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-83-0	24,126 gallons	3020-05 C	1	165.00	165.00	A	24,126 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #331) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-84-0	24,126 gallons	3020-05 C	1	165.00	165.00	A	24,126 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #332) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-85-0	24,126 gallons	3020-05 C	1	165.00	165.00	A	24,126 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #341) WITH PRESSURE/VACUUM VALVE AND INSULATION

Detailed Facility Report

For Facility=398 and excluding Deleted Permits
Sorted by Facility Name and Permit Number11/25/19
12:01 pm

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	STATUS	PERMIT	EQUIPMENT DESCRIPTION
N-398-86-0	24,126 gallons	3020-05 C	1	165.00	165.00	A		24,126 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #342) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-87-0	24,126 gallons	3020-05 C	1	165.00	165.00	A		24,126 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #351) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-88-0	24,126 gallons	3020-05 C	1	165.00	165.00	A		24,126 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #352) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-89-0	67,732 gallons	3020-05 D	1	223.00	223.00	A		67,732 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #405) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-90-0	67,732 gallons	3020-05 D	1	223.00	223.00	A		67,732 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #406) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-91-0	67,732 gallons	3020-05 D	1	223.00	223.00	A		67,732 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #407) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-92-0	67,732 gallons	3020-05 D	1	223.00	223.00	A		67,732 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #408) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-93-0	67,732 gallons	3020-05 D	1	223.00	223.00	A		67,732 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #409) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-94-0	67,732 gallons	3020-05 D	1	223.00	223.00	A		67,732 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #410) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-95-0	67,732 gallons	3020-05 D	1	223.00	223.00	A		67,732 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #411) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-96-0	67,732 gallons	3020-05 D	1	223.00	223.00	A		67,732 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #412) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-97-0	67,732 gallons	3020-05 D	1	223.00	223.00	A		67,732 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #413) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-98-0	67,732 gallons	3020-05 D	1	223.00	223.00	A		67,732 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #414) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-99-0	67,732 gallons	3020-05 D	1	223.00	223.00	A		67,732 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #415) WITH PRESSURE/VACUUM VALVE AND INSULATION

Detailed Facility Report

For Facility=398 and excluding Deleted Permits

Sorted by Facility Name and Permit Number

11/25/19
12:01 pm

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-398-100-0	67,732 gallons	3020-05 D	1	223.00	223.00	A	67,732 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #416) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-101-0	304,521 gallons	3020-05 E	1	296.00	296.00	A	304,521 GALLON NOMINAL STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #500) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-102-0	304,521 gallons	3020-05 E	1	296.00	296.00	A	304,521 GALLON NOMINAL STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #501) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-103-0	304,521 gallons	3020-05 E	1	296.00	296.00	A	304,521 GALLON NOMINAL STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #502) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-104-0	304,521 gallons	3020-05 E	1	296.00	296.00	A	304,521 GALLON NOMINAL STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #503) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-105-0	304,521 gallons	3020-05 E	1	296.00	296.00	A	304,521 GALLON NOMINAL STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #504) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-106-0	304,521 gallons	3020-05 E	1	296.00	296.00	A	304,521 GALLON NOMINAL STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #505) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-107-0	304,521 gallons	3020-05 E	1	296.00	296.00	A	304,521 GALLON NOMINAL STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #506) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-108-0	304,521 gallons	3020-05 E	1	296.00	296.00	A	304,521 GALLON NOMINAL STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #507) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-109-0	304,521 gallons	3020-05 E	1	296.00	296.00	A	304,521 GALLON NOMINAL STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #508) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-110-0	304,521 gallons	3020-05 E	1	296.00	296.00	A	304,521 GALLON NOMINAL STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #509) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-111-0	304,521 gallons	3020-05 E	1	296.00	296.00	A	304,521 GALLON NOMINAL STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #510) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-112-0	304,521 gallons	3020-05 E	1	296.00	296.00	A	304,521 GALLON NOMINAL STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #511) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-113-0	64,199 gallons	3020-05 D	1	223.00	223.00	A	64,199 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #600) WITH PRESSURE/VACUUM VALVE AND INSULATION

Detailed Facility Report

For Facility=398 and excluding Deleted Permits

Sorted by Facility Name and Permit Number

11/25/19
12:01 pm

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-398-114-0	64,199 gallons	3020-05 D	1	223.00	223.00	A	64,199 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #601) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-115-0	64,199 gallons	3020-05 D	1	223.00	223.00	A	64,199 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #602) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-116-0	64,199 gallons	3020-05 D	1	223.00	223.00	A	64,199 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #603) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-117-0	64,199 gallons	3020-05 D	1	223.00	223.00	A	64,199 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #604) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-118-0	64,199 gallons	3020-05 D	1	223.00	223.00	A	64,199 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #605) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-119-0	64,199 gallons	3020-05 D	1	223.00	223.00	A	64,199 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #606) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-120-0	64,199 gallons	3020-05 D	1	223.00	223.00	A	64,199 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #607) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-121-0	260,003 gallons	3020-05 E	1	296.00	296.00	A	260,003 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #650) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-122-0	260,003 gallons	3020-05 E	1	296.00	296.00	A	260,003 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #651) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-123-0	260,003 gallons	3020-05 E	1	296.00	296.00	A	260,003 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #652) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-124-0	260,003 gallons	3020-05 E	1	296.00	296.00	A	260,003 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #653) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-125-0	260,003 gallons	3020-05 E	1	296.00	296.00	A	260,003 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #654) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-126-0	260,003 gallons	3020-05 E	1	296.00	296.00	A	260,003 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #655) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-127-0	260,003 gallons	3020-05 E	1	296.00	296.00	A	260,003 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #656) WITH PRESSURE/VACUUM VALVE AND INSULATION

Detailed Facility Report

For Facility=398 and excluding Deleted Permits
Sorted by Facility Name and Permit Number11/25/19
12:01 pm

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-398-128-0	260,003 gallons	3020-05 E	1	296.00	296.00	A	260,003 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #657) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-129-0	260,003 gallons	3020-05 E	1	296.00	296.00	A	260,003 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #658) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-130-0	260,003 gallons	3020-05 E	1	296.00	296.00	A	260,003 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #659) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-131-0	260,003 gallons	3020-05 E	1	296.00	296.00	A	260,003 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #660) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-132-0	260,003 gallons	3020-05 E	1	296.00	296.00	A	260,003 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #661) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-133-0	260,413 gallons	3020-05 E	1	296.00	296.00	A	260,413 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #662) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-134-0	260,413 gallons	3020-05 E	1	296.00	296.00	A	260,413 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #663) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-135-0	260,413 gallons	3020-05 E	1	296.00	296.00	A	260,413 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #664) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-136-0	260,413 gallons	3020-05 E	1	296.00	296.00	A	260,413 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #665) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-137-0	260,413 gallons	3020-05 E	1	296.00	296.00	A	260,413 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #666) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-138-0	260,413 gallons	3020-05 E	1	296.00	296.00	A	260,413 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #667) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-139-0	260,413 gallons	3020-05 E	1	296.00	296.00	A	260,413 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #668) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-140-0	260,413 gallons	3020-05 E	1	296.00	296.00	A	260,413 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #669) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-141-0	12,569 gallons	3020-05 B	1	113.00	113.00	A	12,569 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #700) WITH PRESSURE/VACUUM VALVE AND INSULATION

Detailed Facility Report

For Facility=398 and excluding Deleted Permits

Sorted by Facility Name and Permit Number

11/25/19
12:01 pm

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	AMOUNT FEE	TOTAL FEE	STATUS PERMIT	EQUIPMENT DESCRIPTION
N-398-142-0	12,569 gallons	3020-05 B	1	113.00	113.00	A	12,569 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #701) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-143-0	12,569 gallons	3020-05 B	1	113.00	113.00	A	12,569 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #702) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-144-0	12,569 gallons	3020-05 B	1	113.00	113.00	A	12,569 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #703) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-145-0	4,220 gallons	3020-05 A	1	91.00	91.00	A	4,220 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #704) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-146-0	4,220 gallons	3020-05 A	1	91.00	91.00	A	4,220 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #705) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-147-0	106,659 gallons	3020-05 E	1	296.00	296.00	A	106,659 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #1010) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-148-0	106,659 gallons	3020-05 E	1	296.00	296.00	A	106,659 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #1011) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-149-0	106,659 gallons	3020-05 E	1	296.00	296.00	A	106,659 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #1012) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-150-0	106,659 gallons	3020-05 E	1	296.00	296.00	A	106,659 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #1013) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-151-0	106,659 gallons	3020-05 E	1	296.00	296.00	A	106,659 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #1014) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-152-0	106,659 gallons	3020-05 E	1	296.00	296.00	A	106,659 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #1015) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-153-0	106,659 gallons	3020-05 E	1	296.00	296.00	A	106,659 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #1016) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-154-0	106,659 gallons	3020-05 E	1	296.00	296.00	A	106,659 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #1017) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-155-0	14,415 gallons	3020-05 B	1	113.00	113.00	A	14,415 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #1401) WITH PRESSURE/VACUUM VALVE AND INSULATION

Detailed Facility Report

For Facility=398 and excluding Deleted Permits

Sorted by Facility Name and Permit Number

11/25/19
12:01 pm

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	AMOUNT	FEE	TOTAL	STATUS	EQUIPMENT DESCRIPTION
N-398-156-0	14,415 gallons	3020-05 B	1	113.00	113.00	113.00	A	14,415 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #1402) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-157-0	14,415 gallons	3020-05 B	1	113.00	113.00	113.00	A	14,415 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #1403) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-158-0	14,415 gallons	3020-05 B	1	113.00	113.00	113.00	A	14,415 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #1404) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-159-0	217,676 gallons	3020-05 E	1	296.00	296.00	296.00	A	217,676 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #2010) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-160-0	217,676 gallons	3020-05 E	1	296.00	296.00	296.00	A	217,676 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #2011) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-161-0	217,676 gallons	3020-05 E	1	296.00	296.00	296.00	A	217,676 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #2012) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-162-0	217,676 gallons	3020-05 E	1	296.00	296.00	296.00	A	217,676 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #2013) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-163-0	217,676 gallons	3020-05 E	1	296.00	296.00	296.00	A	217,676 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #2014) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-164-0	217,676 gallons	3020-05 E	1	296.00	296.00	296.00	A	217,676 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #2015) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-165-0	217,676 gallons	3020-05 E	1	296.00	296.00	296.00	A	217,676 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #2020) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-166-0	217,676 gallons	3020-05 E	1	296.00	296.00	296.00	A	217,676 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #2021) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-167-0	217,676 gallons	3020-05 E	1	296.00	296.00	296.00	A	217,676 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #2022) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-168-0	217,676 gallons	3020-05 E	1	296.00	296.00	296.00	A	217,676 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #2023) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-169-0	217,676 gallons	3020-05 E	1	296.00	296.00	296.00	A	217,676 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #2024) WITH PRESSURE/VACUUM VALVE AND INSULATION

Detailed Facility Report

For Facility=398 and excluding Deleted Permits
Sorted by Facility Name and Permit Number

11/25/19
12:01 pm

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-398-170-0	217,676 gallons	3020-05 E	1	296.00	296.00	A	217,676 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #2025) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-171-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3001) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-172-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3002) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-173-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3003) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-174-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3004) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-175-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3005) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-176-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3006) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-177-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3007) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-178-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3008) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-179-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3009) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-180-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3010) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-181-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3011) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-182-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3012) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-183-0	348,900 gallons	3020-05 E	1	296.00	296.00	A	348,900 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3013) WITH PRESSURE/VACUUM VALVE AND INSULATION

Detailed Facility Report

For Facility=398 and excluding Deleted Permits

Sorted by Facility Name and Permit Number

11/25/19
12:01 pm

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-398-184-0	348,900 gallons	3020-05 E	1	296.00	296.00	A	348,900 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3014) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-185-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3015) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-186-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3016) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-187-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3017) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-188-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3018) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-189-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3021) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-190-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3022) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-191-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3023) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-192-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3024) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-193-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3025) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-194-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3026) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-195-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3027) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-196-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3028) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-197-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3029) WITH PRESSURE/VACUUM VALVE AND INSULATION

Detailed Facility Report

For Facility=398 and excluding Deleted Permits
Sorted by Facility Name and Permit Number11/25/19
12:01 pm

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-398-198-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3030) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-199-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3031) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-200-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3032) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-201-0	348,900 gallons	3020-05 E	1	296.00	296.00	A	348,900 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3033) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-202-0	348,900 gallons	3020-05 E	1	296.00	296.00	A	348,900 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3034) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-203-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3035) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-204-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3036) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-205-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3037) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-206-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3038) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-207-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3041) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-208-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3042) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-209-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3043) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-210-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3044) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-211-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3045) WITH PRESSURE/VACUUM VALVE AND INSULATION

Detailed Facility Report

For Facility=398 and excluding Deleted Permits

Sorted by Facility Name and Permit Number

11/25/19
12:01 pm

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-398-212-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3046) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-213-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3047) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-214-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3048) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-215-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3049) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-216-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3050) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-217-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3051) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-218-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3052) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-219-0	348,900 gallons	3020-05 E	1	296.00	296.00	A	348,900 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3053) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-220-0	348,900 gallons	3020-05 E	1	296.00	296.00	A	348,900 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3054) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-221-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3055) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-222-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3056) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-223-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3057) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-224-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3058) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-225-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3061) WITH PRESSURE/VACUUM VALVE AND INSULATION

Detailed Facility Report

For Facility=398 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-398-226-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3062) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-227-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3063) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-228-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3064) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-229-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3065) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-230-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3066) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-231-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3067) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-232-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3068) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-233-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3069) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-234-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3070) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-235-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3071) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-236-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3072) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-237-0	348,900 gallons	3020-05 E	1	296.00	296.00	A	348,900 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3073) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-238-0	348,900 gallons	3020-05 E	1	296.00	296.00	A	348,900 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3074) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-239-0	350,193 gallons	3020-05 E	1	296.00	296.00	A	350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3075) WITH PRESSURE/VACUUM VALVE AND INSULATION

Detailed Facility Report

For Facility=398 and excluding Deleted Permits

Sorted by Facility Name and Permit Number

11/25/19
12:01 pm

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	STATUS	PERMIT	EQUIPMENT DESCRIPTION
N-398-240-0	350,193 gallons	3020-05 E	1	296.00	296.00	A		350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3076) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-241-0	350,193 gallons	3020-05 E	1	296.00	296.00	A		350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3077) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-242-0	350,193 gallons	3020-05 E	1	296.00	296.00	A		350,193 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #3078) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-243-0	7,514 gallons	3020-05 B	1	113.00	113.00	A		7,514 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #E00C1) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-244-0	7,514 gallons	3020-05 B	1	113.00	113.00	A		7,514 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #E00C2) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-398-245-0	14,160 gallons	3020-05 B	1	113.00	113.00	A		14,160 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #EYST1) WITH PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED OUTDOOR
N-398-246-0	14,160 gallons	3020-05 B	1	113.00	113.00	A		14,160 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #EYST2) WITH PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED OUTDOOR
N-398-247-0	14,160 gallons	3020-05 B	1	113.00	113.00	A		14,160 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #E0DM1) WITH PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED OUTDOOR
N-398-248-0	14,160 gallons	3020-05 B	1	113.00	113.00	A		14,160 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #E0DM2) WITH PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED OUTDOOR
N-398-249-0	64,587 gallons	3020-05 D	1	223.00	223.00	A		64,587 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #152A) WITHOUT PRESSURE/VACUUM VALVE, INSULATED, AND LOCATED INDOOR
N-398-250-0	86,850 gallons	3020-05 D	1	223.00	223.00	A		86,850 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #153A) WITHOUT PRESSURE/VACUUM VALVE, INSULATED, AND LOCATED INDOOR
N-398-251-0	97,327 gallons	3020-05 D	1	223.00	223.00	A		97,327 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #154A) WITHOUT PRESSURE/VACUUM VALVE, INSULATED, AND LOCATED INDOOR
N-398-252-0	63,737 gallons	3020-05 D	1	223.00	223.00	A		63,737 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #155A) WITHOUT PRESSURE/VACUUM VALVE, INSULATED, AND LOCATED INDOOR

Detailed Facility Report

For Facility=398 and excluding Deleted Permits
Sorted by Facility Name and Permit Number11/25/19
12:01 pm

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-398-253-0	64,154 gallons	3020-05 D	1	223.00	223.00	A	64,154 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #156A) WITHOUT PRESSURE/VACUUM VALVE, INSULATED, AND LOCATED INDOOR
N-398-254-0	39,935 gallons	3020-05 C	1	165.00	165.00	A	39,935 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #193), WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-255-0	39,170 gallons	3020-05 C	1	165.00	165.00	A	39,170 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #194) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-256-0	39,379 gallons	3020-05 C	1	165.00	165.00	A	39,379 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #195) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-257-0	39,351 gallons	3020-05 C	1	165.00	165.00	A	39,351 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #196) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-258-0	40,645 gallons	3020-05 C	1	165.00	165.00	A	40,645 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #197) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-259-0	40,394 gallons	3020-05 C	1	165.00	165.00	A	40,394 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #198) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-260-0	40,392 gallons	3020-05 C	1	165.00	165.00	A	40,392 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #199) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-261-0	40,699 gallons	3020-05 C	1	165.00	165.00	A	40,699 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #200) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-262-0	40,743 gallons	3020-05 C	1	165.00	165.00	A	40,743 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #201) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-263-0	40,404 gallons	3020-05 C	1	165.00	165.00	A	40,404 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #202) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-264-0	40,366 gallons	3020-05 C	1	165.00	165.00	A	40,366 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #203) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-265-0	40,798 gallons	3020-05 C	1	165.00	165.00	A	40,798 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #204) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-266-0	39,552 gallons	3020-05 C	1	165.00	165.00	A	39,552 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #205) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR

Detailed Facility Report

For Facility=398 and excluding Deleted Permits
Sorted by Facility Name and Permit Number11/25/19
12:01 pm

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	AMOUNT	FEE	TOTAL	STATUS	EQUIPMENT DESCRIPTION
N-398-267-0	39,234 gallons	3020-05 C	1	165.00	165.00	165.00	A	39,234 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #206) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-268-0	39,225 gallons	3020-05 C	1	165.00	165.00	165.00	A	39,225 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #207) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-269-0	38,879 gallons	3020-05 C	1	165.00	165.00	165.00	A	38,879 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #208) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-270-0	41,000 gallons	3020-05 C	1	165.00	165.00	165.00	A	41,000 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #209) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-271-0	40,377 gallons	3020-05 C	1	165.00	165.00	165.00	A	40,377 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #210) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-272-0	40,394 gallons	3020-05 C	1	165.00	165.00	165.00	A	40,394 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #211) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-273-0	40,743 gallons	3020-05 C	1	165.00	165.00	165.00	A	40,743 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #212) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-274-0	40,870 gallons	3020-05 C	1	165.00	165.00	165.00	A	40,870 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #213) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-275-0	40,535 gallons	3020-05 C	1	165.00	165.00	165.00	A	40,535 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #214) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-276-0	40,841 gallons	3020-05 C	1	165.00	165.00	165.00	A	40,841 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #215) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-277-0	40,753 gallons	3020-05 C	1	165.00	165.00	165.00	A	40,753 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #216) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-278-0	40,753 gallons	3020-05 C	1	165.00	165.00	165.00	A	40,753 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #217) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-279-0	40,620 gallons	3020-05 C	1	165.00	165.00	165.00	A	40,620 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #218) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-280-0	40,385 gallons	3020-05 C	1	165.00	165.00	165.00	A	40,385 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #219) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR

Detailed Facility Report

For Facility=398 and excluding Deleted Permits
Sorted by Facility Name and Permit Number11/25/19
12:01 pm

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	STATUS	EQUIPMENT DESCRIPTION
N-398-281-0	41,006 gallons	3020-05 C	1	165.00	165.00	A	41,006 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #220) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-282-0	40,600 gallons	3020-05 C	1	165.00	165.00	A	40,600 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #221) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-283-0	40,197 gallons	3020-05 C	1	165.00	165.00	A	40,197 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #222) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-284-0	40,485 gallons	3020-05 C	1	165.00	165.00	A	40,485 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #223) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-285-0	40,853 gallons	3020-05 C	1	165.00	165.00	A	40,853 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #224) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-286-0	225,735 gallons	3020-05 E	1	296.00	296.00	A	225,735 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #360) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-287-0	229,170 gallons	3020-05 E	1	296.00	296.00	A	229,170 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #361) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-288-0	234,459 gallons	3020-05 E	1	296.00	296.00	A	234,459 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #362) WITHOUT PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED INDOOR
N-398-289-0	2,740 gallons	3020-05 A	1	91.00	91.00	A	2,740 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #SC) WITH PRESSURE/VACUUM VALVE, NON-INSULATED, AND LOCATED OUTDOOR

Number of Facilities Reported: 1

ATTACHMENT C

Exempt Equipment



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



COMPANY NAME: Barrel Ten Quarter Circle Land Co. Inc.			FACILITY ID: N-398		
Check the box next to the exemption category from Rule 2020 which describes any insignificant activity or equipment at your facility not requiring a permit.					
Exemption Category	Rule 2020 Citation	√	Exemption Category	Rule 2020 Citation	√
Structure or incinerator assoc. with a structure designed as a dwelling for 4 families or less	4.1		Containers used to store refined lubricating oils	6.6.8	
Locomotives, airplanes, and watercraft used to transport passengers or freight	4.4		Unvented pressure vessels used exclusively to store liquified gases or assoc with exempt equipment	6.6.9 or 6.13	√
Natural gas or LPG-fired boilers or other indirect heat transfer units of 5 MMBtu/hr or less	6.1.1	√	Portable tanks used exclusively to store produced fluids for ≤ six months	6.6.10	
Piston-type i.e engine with maximum continuous rating of 50 braking horsepower (bhp) or less	6.1.2	√	Mobile transport tanks on delivery vehicles of VOCs	6.6.11	
Gas turbine engines with maximum heat input rating of 3 MMBtu/hr or less	6.1.3		Loading racks used for the transfer of less than 4,000 gal/day of unheated organic material with initial boiling point ≥ 302 F or of fuel oil with specific gravity ≥ 0.8251	6.7.1.1	
Space heating equipment other than boilers	6.1.4	√	Loading racks used for the transfer of asphalt, crude or residual oil stored in exempt tanks, or crude oil with specific gravity ≥ 0.8762	6.7.1.2	
Cooling towers with a circulation rate less than 10,000 gal/min, and that are not used for cooling of process water, or water from barometric jets or condensers++	6.2		Equipment used exclusively for the transfer of refined lubricating oil	6.7.2	
Use of less than 2 gal/day of graphic arts materials	6.3	√	Equipment used to apply architectural coatings	6.8.1	√
Equipment at retail establishments used to prepare food for human consumption	6.4.1		Unheated, non-conveyORIZED cleaning equipment with < 10 ft² open area; using solvents with initial boiling point ≥ 248 F; and < 25 gal/yr. evaporative losses	6.9	√
Ovens at bakeries with total daily production less than 1,000 pounds and exempt by sec. 6.1.1	6.4.3		Brazing, soldering, or welding equipment	6.10	√
Equipment used exclusively for extruding or compression molding of rubber or plastics, where no plastisizer or blowing agent is used	6.5		Equipment used to compress natural gas	6.11	
Containers used to store clean produced water	6.6.1		Fugitive emissions sources assoc. with exempt equipment	6.12	√
Containers ≤ 100 bbl used to store oil with specific gravity ≥ 0.8762	6.6.2		Pits and Ponds as defined in Rule 1020	6.15	
Containers ≤ 100 bbl installed prior to 6/1/89 used to store oil with specific gravity ≥ 0.8762	6.6.3		On-site roadmix manufacturing and the application of roadmix as a road base material	6.17	
Containers with a capacity ≤ 250 gallons used to store organic material where the actual storage temperature < 150 F	6.6.4		Emissions less than 2 lb/day from units not included above	6.19	√
Containers used to store unheated organic material with an initial boiling point ≥ 302 F	6.6.5		Venting PUC quality natural gas from for sole purpose of pipeline and compressor repair and or maintenance	7.2	
Containers used to store fuel oils or non-air-blown asphalt with specific gravity ≥ 0.9042	6.6.6		Non-structural repairs & maintenance to permitted equipment	7.3	√
Containers used to store petroleum distillates used as motor fuel with specific gravity ≥ 0.8251	6.6.7	√	Detonation of explosives ≤ 100 lb/day and 1,000 lb/year	7.4	

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

ATTACHMENT D

Permits to Operate

Permit to Operate

FACILITY: N-398

EXPIRATION DATE: 09/30/2024

LEGAL OWNER OR OPERATOR:
MAILING ADDRESS:

BARREL TEN QUARTER CIRCLE LAND CO INC
C/O ENGR & ENVIRO AFFAIRS
21801 E HIGHWAY 120
ESCALON, CA 95320

FACILITY LOCATION:

21801 E HIGHWAY 120
ESCALON, CA 95320

FACILITY DESCRIPTION:

WINERY

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.

Samir Sheikh
Executive Director / APCO

Arnaud Marjollet
Director of Permit Services

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-398-2-2

EXPIRATION DATE: 09/30/2024

EQUIPMENT DESCRIPTION:

GASOLINE DISPENSING OPERATION WITH ONE 1,000 GALLON SPLIT (500 GALLON GASOLINE/500 GALLON DIESEL) CONVAULT ABOVEGROUND STORAGE TANK SERVED BY MORRISON BROTHERS PHASE I EVR SYSTEM (VR-402-B), STANDING LOSS CONTROL (VR-301-E), AND 1 FUELING POINT WITH 1 PHASE II EXEMPT GASOLINE DISPENSING NOZZLE

PERMIT UNIT REQUIREMENTS

1. The Phase I and Standing Loss Control Vapor recovery systems shall be installed and maintained in accordance with the manufacturer specifications and the ARB Executive Orders 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 and CH&SC 41950]
2. This gasoline storage and dispensing equipment shall not be used in retail sales, where gasoline dispensed by the unit is subject to payment of California sales tax on gasoline sales. [District Rule 4621]
3. The storage container(s) shall be installed, maintained, and operated such that they are leak-free. [District Rule 4621]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. 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]
6. 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]
7. 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]
8. 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]
9. 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]
10. 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]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

Facility Name: BARREL TEN QUARTER CIRCLE LAND CO INC

Location: 21801 E HIGHWAY 120, ESCALON, CA 95320

N-398-2-2 Nov 25 2018 11:18AM -- KAHLONU

11. The permittee shall perform and pass a Static Leak Test "Determination of Static Pressure Performance of Vapor Recovery Systems at Gasoline Dispensing Facilities with Aboveground Tanks" in accordance with the Executive Order specified in this permit for the Phase I Vapor Recovery System at least once every 36 months. [District Rule 4621]
12. 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]
13. 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]
14. 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]
15. 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]
16. 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]
17. 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]
18. 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-398-6-1

EXPIRATION DATE: 09/30/2024

EQUIPMENT DESCRIPTION:

10.083 MMBTU/HR CLAYTON MODEL SEG-245-1 FMB NATURAL GAS FIRED BOILER

PERMIT UNIT REQUIREMENTS

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
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. The NOx emission concentration shall not exceed 6.0 ppmvd @ 3% O2 or 0.007 lb-NOx/MMBtu. [District Rules 2201, 4305, 4306 and 4320]
6. The CO emission concentration shall not exceed 50 ppmvd @ 3% O2 or 0.037 lb-CO/MMBtu. [District Rules 2201, 4305, 4306 and 4320]
7. The emissions shall not exceed any of the following limits: 0.00285 lb-SOx/MMBtu, 0.0055 lb-VOC/MMBtu or 0.003 lb-PM10/MMBtu. [District Rule 2201]
8. The unit shall only be fired on PUC-regulated natural gas. [District Rule 2201]
9. The annual heat input to this boiler shall not exceed 48,753 MMBtu per calendar year. [District Rule 2201]
10. A non-resettable, totalizing mass or volumetric fuel flow meter (or a District approved equivalent method) to measure the amount of natural gas combusted in the unit shall be installed, utilized and maintained. [District Rules 2201, 4305, 4306 and 4320]
11. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081]
12. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
13. Source testing to measure NOx and CO emissions from this unit while fired on natural gas shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District Rules 4305, 4306, and 4320]
14. NOx emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305, 4306, and 4320]
15. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306, and 4320]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

16. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320]
17. Permittee shall determine sulfur content of combusted gas annually or shall demonstrate that the combusted gas is provided from a PUC or FERC regulated source. [District Rules 1081 and 4320]
18. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 4306, and 4320]
19. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4320. [District Rules 4305, 4306, and 4320]
20. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305, 4306, and 4320]
21. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rules 4305, 4306, and 4320]
22. If either the NO_x or CO concentrations corrected to 3% O₂, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of performing the notification and testing required by this condition. [District Rules 4305, 4306, and 4320]
23. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305, 4306, and 4320]
24. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 3% O₂, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 4305, 4306, and 4320]
25. Records of monthly and annual heat input (MMBtu) when fired on natural gas shall be maintained. [District Rules 2201, 4305, 4306 and 4320]
26. All records shall be maintained and retained on-site for a minimum of five years and shall be made available for District inspection upon request. [District Rules 1070, 4305, 4306 and 4320]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-398-7-0

EXPIRATION DATE: 09/30/2024

EQUIPMENT DESCRIPTION:

689 BHP CATERPILLAR MODEL C15 TIER 3 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE
POWERING AN ELECTRICAL GENERATOR

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. 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]
5. This engine shall be equipped with a non-resettable hour meter with a minimum display capability of 9,999 hours, unless the District determines that a non-resettable hour meter with a different minimum display capability is appropriate in consideration of the historical use of the engine and the owner or operator's compliance history. [District Rule 4702 and 17 CCR 93115]
6. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, and 17 CCR 93115]
7. Emissions from this IC engine shall not exceed any of the following limits: 2.48 g-NOx/bhp-hr, 2.39 g-CO/bhp-hr, or 0.28 g-VOC/bhp-hr. [District Rule 2201 and 17 CCR 93115]
8. Emissions from this IC engine shall not exceed 0.10 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201, 4102, and 17 CCR 93115]
9. 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]
10. 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]
11. 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 and 17 CCR 93115]
12. 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 and 17 CCR 93115]
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 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. 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]
15. The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702 and 17 CCR 93115]
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.

Important Note!

There are 282 wine tanks at this facility. These tanks fall into one of the three categories listed in the following table. To ease the review process, three permits are included (one from each category) in this section.

Category/Description	Permit Numbers	Permit to Operate
1. Wine fermentation and storage tanks – Steel tanks ≥5,000-gallon	N-398-8 through '-144, '-147 through '-248	N-398-8
2. Wine fermentation and storage tanks – Steel tanks <5,000-gallon	N-398-145, '-146 and '-289	N-398-145
3. Wine fermentation and storage tanks – Concrete tanks >5,000-gallon	N-398-249 through '-288	N-398-249

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-398-8-0

EXPIRATION DATE: 09/30/2024

EQUIPMENT DESCRIPTION:

231,608 GALLON NOMINAL STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #46) WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. 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]
3. Within 12 months from the date of the issuance of this Permit to Operate, the permittee shall either submit an application to comply with Rule 2520 (Federally Mandated Operating Permits) or shall comply with District Rule 2530 (Federally Enforceable Potential to Emit). If the facility chooses the option to comply with District Rule 2530, the facility shall notify the District by submitting a request to include the District Rule 2530 conditions on their permits to operate prior to the 12-month deadline. [District Rule 2520]
4. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rule 4694]
5. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rule 4694]
6. When used for wine storage, the temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rule 4694]
7. When used for wine storage, the operator shall determine and record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]
8. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rule 4694]
9. A Three-Year Compliance Plan that demonstrates compliance with the requirements of Section 5.1 of District Rule 4694 (12/15/05) for each year of the applicable compliance period shall be submitted to the District by no later than December 1, 2018, and every three years thereafter on or before December 1. [District Rule 4694]
10. A Three-Year Compliance Plan Verification that demonstrates that the Three-Year Compliance Plan elements are in effect shall be submitted to the District by no later than July 1, 2019, and every three years thereafter on or before July 1. [District Rule 4694]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

Facility Name: BARREL TEN QUARTER CIRCLE LAND CO INC

Location: 21801 E HIGHWAY 120, ESCALON, CA 95320

N-398-8-0 Nov 25 2018 11:19AM - KAHLOHJ

11. An Annual Compliance Plan Demonstration that shows compliance with the applicable requirements of District Rule 4694 (12/15/05) shall be submitted to the District by no later than February 1, 2020, and every year thereafter on or before February 1. [District Rule 4694]
12. Operators using CER to mitigate fermentation emissions shall perform all monitoring and recordkeeping, as established in their approved Three-Year Compliance Plan, and shall maintain all records necessary to demonstrate compliance. [District Rule 4694]
13. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070 and 4694]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-398-145-0

EXPIRATION DATE: 09/30/2024

EQUIPMENT DESCRIPTION:

4,220 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #704) WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. 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]
3. Within 12 months from the date of the issuance of this Permit to Operate, the permittee shall either submit an application to comply with Rule 2520 (Federally Mandated Operating Permits) or shall comply with District Rule 2530 (Federally Enforceable Potential to Emit). If the facility chooses the option to comply with District Rule 2530, the facility shall notify the District by submitting a request to include the District Rule 2530 conditions on their permits to operate prior to the 12-month deadline. [District Rule 2520]
4. When used for wine storage, the operator shall determine and record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]
5. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rule 4694]
6. A Three-Year Compliance Plan that demonstrates compliance with the requirements of Section 5.1 of District Rule 4694 (12/15/05) for each year of the applicable compliance period shall be submitted to the District by no later than December 1, 2018, and every three years thereafter on or before December 1. [District Rule 4694]
7. A Three-Year Compliance Plan Verification that demonstrates that the Three-Year Compliance Plan elements are in effect shall be submitted to the District by no later than July 1, 2019, and every three years thereafter on or before July 1. [District Rule 4694]
8. An Annual Compliance Plan Demonstration that shows compliance with the applicable requirements of District Rule 4694 (12/15/05) shall be submitted to the District by no later than February 1, 2020, and every year thereafter on or before February 1. [District Rule 4694]
9. Operators using CER to mitigate fermentation emissions shall perform all monitoring and recordkeeping, as established in their approved Three-Year Compliance Plan, and shall maintain all records necessary to demonstrate compliance. [District Rule 4694]
10. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070 and 4694]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-398-146-0

EXPIRATION DATE: 09/30/2024

EQUIPMENT DESCRIPTION:

4,220 GALLON NOMINAL STAINLESS STEEL RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #705) WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. 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]
3. Within 12 months from the date of the issuance of this Permit to Operate, the permittee shall either submit an application to comply with Rule 2520 (Federally Mandated Operating Permits) or shall comply with District Rule 2530 (Federally Enforceable Potential to Emit). If the facility chooses the option to comply with District Rule 2530, the facility shall notify the District by submitting a request to include the District Rule 2530 conditions on their permits to operate prior to the 12-month deadline. [District Rule 2520]
4. When used for wine storage, the operator shall determine and record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]
5. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rule 4694]
6. A Three-Year Compliance Plan that demonstrates compliance with the requirements of Section 5.1 of District Rule 4694 (12/15/05) for each year of the applicable compliance period shall be submitted to the District by no later than December 1, 2018, and every three years thereafter on or before December 1. [District Rule 4694]
7. A Three-Year Compliance Plan Verification that demonstrates that the Three-Year Compliance Plan elements are in effect shall be submitted to the District by no later than July 1, 2019, and every three years thereafter on or before July 1. [District Rule 4694]
8. An Annual Compliance Plan Demonstration that shows compliance with the applicable requirements of District Rule 4694 (12/15/05) shall be submitted to the District by no later than February 1, 2020, and every year thereafter on or before February 1. [District Rule 4694]
9. Operators using CER to mitigate fermentation emissions shall perform all monitoring and recordkeeping, as established in their approved Three-Year Compliance Plan, and shall maintain all records necessary to demonstrate compliance. [District Rule 4694]
10. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070 and 4694]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-398-249-0

EXPIRATION DATE: 09/30/2024

EQUIPMENT DESCRIPTION:

64,587 GALLON NOMINAL CONCRETE RED AND WHITE WINE FERMENTATION AND STORAGE TANK (TANK #152A) WITHOUT PRESSURE/VACUUM VALVE, INSULATED, AND LOCATED INDOOR

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. 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]
3. Within 12 months from the date of the issuance of this Permit to Operate, the permittee shall either submit an application to comply with Rule 2520 (Federally Mandated Operating Permits) or shall comply with District Rule 2530 (Federally Enforceable Potential to Emit). If the facility chooses the option to comply with District Rule 2530, the facility shall notify the District by submitting a request to include the District Rule 2530 conditions on their permits to operate prior to the 12-month deadline. [District Rule 2520]
4. When used for wine storage, the operator shall determine and record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]
5. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rule 4694]
6. A Three-Year Compliance Plan that demonstrates compliance with the requirements of Section 5.1 of District Rule 4694 (12/15/05) for each year of the applicable compliance period shall be submitted to the District by no later than December 1, 2018, and every three years thereafter on or before December 1. [District Rule 4694]
7. A Three-Year Compliance Plan Verification that demonstrates that the Three-Year Compliance Plan elements are in effect shall be submitted to the District by no later than July 1, 2019, and every three years thereafter on or before July 1. [District Rule 4694]
8. An Annual Compliance Plan Demonstration that shows compliance with the applicable requirements of District Rule 4694 (12/15/05) shall be submitted to the District by no later than February 1, 2020, and every year thereafter on or before February 1. [District Rule 4694]
9. Operators using CER to mitigate fermentation emissions shall perform all monitoring and recordkeeping, as established in their approved Three-Year Compliance Plan, and shall maintain all records necessary to demonstrate compliance. [District Rule 4694]
10. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070 and 4694]

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

ATTACHMENT E

HAP Calculations

**Summary of Hazardous Air Pollutants
Barrel Ten Quater Circle Land Co Inc.
(N-398)**

Substances	N-398-2 (Gasoline Dispensing Operation)	N-398-6 (Boiler)	N-398-7 (Emergency IC Engine)	N-398-8 through '289 Wine Tanks	Total, all permit units (lb/yr)	HAP?	HAP, Total of all permit units (lb/yr)
1,3 Butadiene	--	--	0	--	0	Y	0
Acetaldehyde	--	0.2	0	113	113.2	Y	113.2
Arsenic	--	--	0	--	0	Y	0
Benzene	0.9	0.3	0	0	1.2	Y	1.2
Beryllium	--	--	0	--	0	Y	0
Cadmium	--	--	0	--	0	Y	0
Carbon Tetrachloride	--	--	0	--	0	Y	0
Chlorobenzene	--	--	0	--	0	Y	0
Chloroform	--	--	0	--	0	Y	0
Chromium	--	--	0	--	0	Y	0
Ethyl benzene	4.4	0.3	--	0	4.7	Y	4.7
Ethylene Dichloride	--	--	0	--	0	Y	0
Formaldehyde	--	0.6	0.2	--	0.8	Y	0.8
Hexavalent Chromium	--	--	0	--	0	Y	0
Hydrogen Sulfide	--	--	--	71.1	71.1	Y	0
Lead	--	--	0	--	0	Y	0
Manganese	--	--	0.2	--	0.2	Y	0.2
Mercury	--	--	0	--	0	Y	0
Methanol	--	--	--	104.6	104.6	Y	104.6
Methylene Chloride	--	--	0	--	0	Y	0
Naphthalene	--	0	0	0	0	Y	0
n-Butyl alcohol	--	--	--	2.3	2.3	Y	0
Nickel	--	--	0	--	0	Y	0
PAHs	--	0	0	--	0	Y	0
p-Dichlorobenzene	--	--	0	--	0	Y	0
Perchloroethylene	--	--	0	--	0	Y	0
Propylene	--	25.8	--	--	25.8	Y	0
sec-Butyl alcohol	--	--	--	1.9	1.9	Y	0
Selenium	--	--	0	--	0	Y	0
Toluene	22.1	1.3	--	0	23.4	Y	23.4
Trichloroethylene	--	--	0	--	0	Y	0
Vinyl Chloride	--	--	0	--	0	Y	0
Vinylidene Chloride	--	--	0	--	0	Y	0
Xylenes	6.6	1	--	0	7.6	Y	7.6
						Total:	255.7
							0.1
							lb/yr
							tons/yr

N-398-2(Gasoline dispensing Op)

Substances	CAS#	Tank Filling Loss *EF (lb-pollutant/lb-VOC)	Vehicle Refueling *EF (lb-pollutant/lb-VOC)	Breathing Loss *EF (lb-pollutant/lb-VOC)	Spillage *EF (lb-pollutant/lb-VOC)	Tank Filling Loss **PE (lb/yr)	Vehicle Refueling ***PE (lb/yr)	Breathing Loss ****PE (lb/yr)	Spillage *****PE (lb/yr)	Total PE (lb/yr)
Benzene	71432	3.00E-03	3.00E-03	3.00E-03	1.00E-02	0.03	0.60	0.15	0.15	0.9
Ethyl Benzene	100414	1.60E-02	1.60E-02	1.60E-02	1.60E-02	0.16	3.23	0.81	0.23	4.4
Toluene	108883	8.00E-02	8.00E-02	8.00E-02	8.00E-02	0.81	16.13	4.03	1.17	22.1
Xylenes	1330207	2.40E-02	2.40E-02	2.40E-02	2.40E-02	0.24	4.84	1.21	0.35	6.6
References:										
* The emission factors are derived from the table, "Content of Reformulated Gasoline", in the 1997 CAPCOA Air Toxics "Hot Spots" Program document, Gasoline Service Station Industrywide Risk Assessment Guidelines.										
**PE (lb/yr) = (0.42 lb-VOC/1000 gal fuel) x (24,000 gal/yr) x EF (Tank Filling Loss); Tank filling loss of 0.42 lb-VOC/1000 gal fuel taken from application review under project N-1132226; gasoline throughput is limited to 24,000 gal/yr.										
***PE (lb/yr) = (8.4 lb-VOC/1000 gal fuel) x (24,000 gal/yr) x EF (Vehicle Refueling); Vehicle refueling loss of 8.4 lb-VOC/1000 gal fuel taken from application review under project N-1132226; gasoline throughput is limited to 24,000 gal/yr.										
****PE (lb/yr) = (2.1 lb-VOC/1000 gal fuel) x (24,000 gal/yr) x EF (Breathing Loss); Tank breathing loss of 2.1 lb-VOC/1000 gal fuel taken from application review under project N-1132226; gasoline throughput is limited to 24,000 gal/yr.										
*****PE (lb/yr) = (0.61 lb-VOC/1000 gal fuel) x (24,000 gal/yr) x EF (Spillage); Spillage loss of 0.61 lb-VOC/1000 gal fuel taken from application review under project N-1132226; gasoline throughput is limited to 24,000 gal/yr.										

N-398-6-1 (Boiler)

Substances	CAS#	EF (lb/MMscf)*	**Emissions PE (lb/yr)
Acetaldehyde	75070	3.10E-03	0.2
Acrolein	107028	2.70E-03	0.1
Benzene	71432	5.80E-03	0.3
Ethyl Benzene	100414	6.90E-03	0.3
Formaldehyde	50000	1.23E-02	0.6
Hexane	110543	4.60E-03	0.2
Naphthalene	91203	3.00E-04	0.0
PAHs	1151	1.00E-04	0.0
Propylene	115071	5.30E-01	25.8
Toluene	108883	2.65E-02	1.3
Xylenes	1330207	1.97E-02	1.0
References:			
*The emission factors are from the table, "Natural Gas Fired External Combustion Equipment" in the May 2001 update of VCAPCD AB 2588 Combustion Emission Factors. PAHs emission factor adjusted			
**Emissions PE (lb/yr) = EF (lb/MMscf) x 48,753 MMBtu/yr x scf/1,000 Btu; Heat input rate to the boiler is limited to 48,753 MMBtu/yr; higher heating value of natural gas is assumed to be 1,000 Btu/scf (District practice).			

N-398-7-0(Emergency ICE)

Substances	CAS#	*EF (lbs/ 1,000 gallons)	***Emissions PE (lb/yr)
1,3 Butadiene	106990	3.82E-03	0.007
Acetaldehyde	75070	5.23E-03	0.009
Arsenic	7440382	3.06E-03	0.005
Benzene	71432	1.71E-02	0.030
Beryllium	7440417	4.21E-05	0.000
Cadmium	7440439	1.02E-03	0.002
Carbon Tetrachloride	56235	4.43E-03	0.008
Chlorobenzene	108907	3.81E-03	0.007
Chloroform	67663	3.67E-03	0.006
Chromium	7440473	2.04E-03	0.004
Ethylene Dichloride	107062	2.79E-03	0.005
Formaldehyde	50000	1.38E-01	0.241
Hexavalent Chromium	18540299**	1.02E-04	0.000
Lead	7439921	3.06E-03	0.005
Manganese	7439965	1.08E-01	0.189
Mercury	7439976	1.64E-04	0.000
Methylene Chloride	75092	3.92E-03	0.007
Naphthalene	91203	2.10E-02	0.037
Nickel	7440020	7.12E-03	0.012
p-Dichlorobenzene	106467	4.23E-03	0.007
PAHs	1151	2.15E-02	0.038
Perchloroethylene	127184	4.78E-03	0.008
Selenium	7782492	1.02E-02	0.018
Trichloroethylene	79016	3.79E-03	0.007
Vinyl Chloride	75014	8.99E-03	0.016
Vinylidene Chloride	75354	2.79E-03	0.005
References:			
* The emission factors were derived from the 2002 update of EPA's Stationary Combustion Turbines Emissions Database.			
**5% of Chromium considered Hexavalent Chromium (District Policy)			
***Emissions PE (lb/yr) = EF (lb-pollutant)/1,000 gal x 1,745 gal/yr; Fuel use = 34.9 gal/hr x 50 hr/yr (permitted non-emergency use) = 1,745 gal/yr			

N-398-8-0 to 289-0(Wine tanks)

Substances	CAS#	Red Wine Fermentation EF _{Red} (lb-pollutant/lb-VOC)	White Wine Fermentation EF _{White} (lb-pollutant/lb-VOC)	***Red Wine PE (lb/yr)	****White Wine PE (lb/yr)	Total PE (lb/yr)
Acetaldehyde	75070*	5.87E-04	4.00E-05	90.98	22.01	112.99
Benzene	71432**	3.41E-08	1.70E-10	0.01	0.00	0.01
Ethyl benzene	100414**	0.00E+00	1.04E-09	0.00	0.00	0.00
Hydrogen Sulfide	7783064*	3.70E-04	7.78E-04	57.28	13.86	71.14
Methanol	67561*	5.43E-04	3.56E-04	84.24	20.38	104.62
n-Butyl alcohol	71363	1.20E-05	0.00E+00	1.85	0.45	2.30
Naphthalene	91203**	5.00E-10	6.20E-10	0.00	0.00	0.00
sec-Butyl alcohol	78922	9.78E-06	0.00E+00	1.52	0.37	1.88
Toluene	108883**	3.17E-08	1.35E-08	0.00	0.00	0.01
Xylenes	1330207**	3.51E-08	5.64E-09	0.01	0.00	0.01
References:						
*Acetaldehyde, Hydrogen Sulfide, Methanol - Emission factors for these pollutants are derived from Table 9.12-2-1 (pg. 8), "Emission Factors for Wine Fermentation" in October 1995 AP 42, Fifth Edition, Volume I, Chapter 9: Food and Agricultural Industries, Section 9.12.2: Wines and Brandy. Assumes a worst case estimate that the VOCs are equivalent to Ethanol emissions.						
**Benzene, Ethyl benzene, Naphthalene, Toluene, and Xylene - Emission factors for these pollutants are derived from carbon tube sample data in the 1988 CARB report, Ethanol Emissions and Control for Wine Fermentation and Tanks						
***Red Wine PE (lb/yr) = EF _{Red} (lb-pollutant/lb-VOC) x (6.2 lb-VOC/1,000 gal) x (25,000,000 gal/yr); Per application under project N-1173154, maximum red wine production is 25,000,000 gal/yr; EF for red wine is 6.2 lb-VOC/1,000 gal of wine fermented per year						
****White Wine PE (lb/yr) = EF _{White} (lb-pollutant/lb-VOC) x (2.5 lb-VOC/1,000 gal) x (15,000,000 gal/yr); Per application under project N-1173154, maximum red wine production is 15,000,000 gal/yr; EF for white wine is 2.5 lb-VOC/1,000 gal of wine fermented per year						