



Equipment Owner/Operator: GBFUIN, Inc. / GBFUIN, Inc.

Equipment Location: located at: 1100 E. Ocean Avenue in Lompoc, CA

Equipment Description: FID No. 01892 Balance EVR w/ ISD

TANK LOCATION: Underground

TANK NO.	FUEL	CAPACITY (gal)
1	Gasoline	10,000
2	Gasoline	12,000

DISPENSER MFG.	MODEL	SERIES	SERIAL NO	# OF DISPENSERS	NOZZLES PER DISPENSER
Gilbarco	NN1	Encore 700S	EN00268763	1	2
Gilbarco	NN1	Encore 700S	EN00268762	1	2
Gilbarco	NN1	Encore 700S	EN00268761	1	2
Gilbarco	NN1	Encore 700S	EN00268760	1	2

TANK PRESSURE MANAGEMENT SYSTEM / ISD SYSTEM	
Healy Clean Air Separator	Model 9961
Veeder-Root	TLS-450 Plus

Total Number of Phase II Gasoline Nozzles: 8

Phase I Vapor Recovery Executive Order No.: VR-102-C

Phase II Vapor Recovery Executive Order No.: VR-204-AC

Applicable Prohibitory Rules: Rule 303 (*Nuisance*); Rule 316 (*Storage and Transfer of Gasoline*),

Authorized Modifications: Increase permitted annual throughput from 2,400,000 gallons to 3,000,000 gallons. This permit does not authorize any modification to the permitted equipment or the vapor recovery system.

Applicable Conditions:

1. **Gasoline Throughput.** Gasoline throughput shall not exceed 3,000,000 gallons per year. Records shall be kept on site by the operator and shall be made available to District personnel upon request.



2. **Emission Limits.** Facility emissions of Reactive Organic Compounds (“ROCs”) shall not exceed either 4.85 lbs/day or 0.88 tons/yr. Compliance with this condition will be assessed through: (a) the annual gasoline throughput limit, (b) the vapor recovery systems testing, and (c) the inspection and maintenance requirements of this permit, Rule 316, the applicable Executive Orders and State laws, rules and regulations. A copy of this permit and complete copies of the applicable Phase I and Phase II Executive Orders shall be maintained onsite at all times and be made available upon request.
3. **Annual Report.** An annual report shall be submitted to the District by March 1 of each year detailing the previous calendar year’s activities. The report shall list the gross gasoline throughput on a monthly and yearly basis.
4. **Facility Condition.** Any defective component of the Vapor Recovery System (“VRS”) shall be removed from service until it is repaired, replaced, or adjusted as necessary to ensure compliance.
5. **Vapor Tight Seals.** Gauging and sampling devices on the tanks shall be equipped with vapor-tight covers which shall be closed at all times except during gauging or sampling.
6. **Equipment Operation.** Equipment operation shall be conducted in compliance with all data, specifications and assumptions included with the applications and as documented in the District’s project file. The VRS system(s) listed above shall be installed, operated and maintained in accordance with the applicable California Air Resources Board (“CARB”) Executive Orders. The permittee shall maintain, and make available to the District upon request, a complete list of the VRS components installed prior to the performance testing (list by component type, make and model number).
7. **Vapor Recovery System (VRS) Performance Testing - Initial Operations.** N/A
8. **Vapor Recovery System (VRS) Testing – Routine/Ongoing Operations.** The permittee shall routinely conduct and successfully pass the VRS system tests as outlined in Table T as well as any VRS specific tests required in the applicable Executive Orders. These tests shall be conducted pursuant to Table T and shall be performed pursuant to test protocols approved by the ARB. Pre-testing shall not be performed within 24 hours of the arranged test date. In order for the District to witness testing, the permittee shall notify the District via email (vrstest@sbcapcd.org) of the planned testing date not less than five (5) business days prior to the testing. All data for each test (including any data showing initial test failures) shall be submitted to the District via email (vrstest@sbcapcd.org) or mailed to the District at 260 North San Antonio Road, Suite A, Santa Barbara, CA, 93110 (Attn: *Compliance Division*) within 30 days of successful test completion, using District or ARB approved reporting forms¹.
9. **Inspection, Maintenance, Repair and Testing Records.** The permittee shall keep clear and legible records of all inspections, maintenance, repairs, and testing of any of the gasoline dispensing VRS components at this station. This includes, but is not limited to, the activities for normal operation and maintenance per the manufacturer, ISD control panel alarm tracking (if applicable), performance and/or compliance testing according to ARB protocols, and those following damage to dispensing equipment from a “driveoff” or other kind of damage. The permittee shall ensure that all records obtained from third party contractors are a legible form. The records listed in Attachment “A” shall be maintained on site by the permittee for at least three years and shall be made available for District inspection upon request.

¹ see the District’s Gasoline Station Webpage at <http://www.ourair.org/gas-station/>



10. **Transfer of Owner/Operator.** This permit is only valid for the owner and operator listed on the first page of this permit unless a *Transfer of Owner/Operator* application has been applied for and received by the District. Any transfer of ownership or change in operator shall be done in a manner as specified in District Rule 203. District Form –01T and the appropriate filing fee shall be submitted to the District within 30 days of the transfer.
11. **Phase II Enhanced Vapor Recovery (EVR).** The Balance Phase II EVR vapor recovery system is subject to the following requirements:
- The Balance Phase II Enhanced Vapor Recovery System shall be installed, operated and maintained in accordance with the provisions of ARB Executive Order VR-204-AC. Scheduled maintenance of the Balance system shall follow the requirements of the Executive Order and the ARB approved *Installation, Operation and Maintenance Manual* (IOM).
 - Only technicians certified by the manufacturer(s) of the vapor recovery and ISD system equipment installed at this site (“Certified Technicians”) shall be used to install, repair and maintain the Balance Phase II vapor recovery and ISD systems. The Certified Technicians must be able to show proof of certification at all times. One Certified Technician is required to be at the station during the installation, repair or maintenance of the Balance vapor recovery and/or ISD systems. Other technicians, working under the guidance of the Certified Technician(s), may perform installation, repair or maintenance of the System(s). The Certified Technicians are responsible for conducting start-up testing to verify proper installation/operation of the Balance vapor recovery and ISD systems. A Certified Technician shall be present whenever any other technicians are working on the applicable system
 - Any nozzle with a product dispensing rate of less than 6 gal/min or more than 10 gal/min shall be taken out of service until repaired.
 - The Veeder-Root vapor pressure sensor shall be installed into one of the dispensers located closest to the underground storage tanks. Any dispenser can be used if a row of dispensers are equal distance from the tank pad and are within 10 feet of each other.
 - Only Teflon tape (or equivalent) shall be used when installing the vapor flow meter.

A copy of the *Installation, Operation, and Maintenance Manual for Balance Phase II EVR Systems, Including ISD* and the applicable Phase I and Phase II Executive Orders shall be maintained at the facility at all times and be made available for review by the District upon request.

12. **In-Station Diagnostics (ISD).** The following requirements apply to the ISD system:

General ISD Requirements: The In-Station Diagnostics (“ISD”) system shall be operational at all times. The ISD system shall automatically prohibit the dispensing of fuel to the affected dispenser(s) upon a Red Failure alarm or loss of power to the TLS panel. The designated posting time for the daily 24-hour ISD system tests shall be **8:00 AM**. Anytime the ISD TLS panel indicates a Yellow Warning alarm, the permittee may wait up to 48 hours after the appearance of the alarm to determine if a call for service is required and may cancel a previously scheduled service call. If an ISD alarm is still active 48 hours after the first appearance of the alarm, the permittee shall initiate corrective action within the next 8 hours. All repair action information shall be entered into the *Facility Repair Log* (see Attachment “A”). The permittee shall not “clear” an ISD TLS panel Red Failure alarm without



first having made repairs to the system. "Clearing" a Red Failure alarm without attempting a repair subjects the permittee to District enforcement action. The ISD system shall maintain an electronic archive of monthly reports for a period up to 12 consecutive months and an archive of daily reports for the last 365 consecutive days. The permittee shall maintain an adequate quantity of printer supplies onsite at all times. The District shall be granted access to the ISD TLS panel for the printout of daily and archive reports and to connect a portable computer for system data downloads from the panel's RS-232 and Multiport boards. The permittee shall update the ISD software to the most current certified version within 120 days of ARB certification.

Winter Fuel Overpressure Alarm Policy: Notwithstanding the above requirements, from November 1 until March 31, no service or equipment testing is required prior to clearing any ISD overpressure alarm listed in Table 1 of ARB Special Advisory 405-D. All other ISD alarms, those not related to over-pressurization, shall be responded to in a normal fashion, only by certified service providers. All overpressure alarms that occur from April 1 to October 31 shall be responded to in a normal fashion, only by certified service providers.

Restarting the Station Pumps after ISD Shutdown: The permittee may "re-enable" operations after the ISD system shuts down the station pumps by using the ISD Shutdown Override command. The permittee may only initiate such action if repairs to the vapor recovery system have been made or if the failed equipment is taken out of service. Such corrective actions shall be documented in the *Facility Repair Log*. The *Facility Repair Log* shall also note when the Red Failure alarm was "cleared".

ISD Equipment Failure: Gasoline dispensing activities shall cease during a failure of the ISD system itself, unless the permittee contacts the District via email at enfr@sbcapcd.org to obtain Rule 505 "Breakdown" protection for the failed equipment. Breakdown relief is valid for up to 24 hours. If the ISD system itself is unable to be repaired within 24 hours, gasoline dispensing operations shall cease unless a variance is obtained from the District Hearing Board.

Condition Re-Opening: The District may revise or suspend (in whole or in part) the requirements of this permit condition and the test matrix Table T based on the District's evaluation of ISD system's effectiveness.

13. **Severability.** In the event that any condition herein is determined to be invalid, all other conditions shall remain in force.

AIR POLLUTION CONTROL OFFICER

DATE



air pollution control district
SANTA BARBARA COUNTY

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ATTACHMENTS:

- Permit Evaluation for Authority to Construct 16555
- Attachment A - Table T – Vapor Recovery System Testing Requirements
- Attachment B – Vapor Recovery System Facility Repair Log and Testing Records
- Attachment C – Emission Calculations
- Attachment D - Fee Statement

NOTES:

- 1) If this permit is used, it will supersede all prior air quality permits for this station.

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air pollution control district
SANTA BARBARA COUNTY

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**PERMIT EVALUATION FOR
AUTHORITY TO CONSTRUCT/PERMIT TO OPERATE 16406**

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1.0 BACKGROUND

- 1.1 General: The application for Authority to Construct 16406 was submitted on April 28, 2026, and deemed complete on June 3, 2026. This permit authorizes the increase of permitted annual throughput from 2,400,000 gallons to 3,000,000 gallons.

1.2 Permit History:

PERMIT	FINAL ISSUED	PERMIT DESCRIPTION
ATC 16139	09/08/2023	Remove and replace dispensers. Switch from INCON to Veeder-Root TLS-450 Plus.
PTO 16139	02/07/2025	Remove and replace dispensers. Switch from INCON to Veeder-Root TLS-450 Plus.

1.3 Compliance History:

VIOLATION TYPE	NUMBER	ISSUE DATE	DESCRIPTION OF VIOLATION
NOV	13901	03/07/2025	A violation of District Rule 206 by exceeding the annual gasoline throughput limit as per Condition 1. of Permit to Operate 14169. This violation was documented during the review of the 2024 Annual Report for your facility.
NOV	13857	12/05/2024	Failure to perform all required VRS start-up testing within 30 days of initial startup that began on 9/20/24 (Condition 7)
NOV	13858	12/05/2024	Failure to submit PTO application within 15 days of VRS Performance Testing Initial Operation (Condition 13)
NOV	13859	12/05/2024	Failure to provide maintenance records (Condition 9)
NOV	13595	3/15/2024	Notice of Violation 13595 documents a violation of District Rule 206 by exceeding the annual gasoline throughput limit of PTO 14169.

2.0 ENGINEERING ANALYSIS

- 2.1 Equipment/Processes: This permit authorizes the increase of permitted annual throughput from 2,400,000 gallons to 3,000,000 gallons. No changes to the permitted equipment is authorized under this permit.
- 2.2 Emission Controls: A California Air Resources Board (CARB) certified Phase I enhanced vapor recovery (EVR) system under Executive Order VR-102-C is used to recover the vapors generated during the transfer of gasoline from the gasoline delivery vessel into the underground storage tanks. A CARB certified Phase II EVR system under Executive Order VR-204-AD is used to recover the vapors generated during the fueling of motor vehicles from the underground storage tanks.

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PERMIT EVALUATION FOR
AUTHORITY TO CONSTRUCT/PERMIT TO OPERATE 16406

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- 2.3 Emission Factors: The following District approved ROC emission factors were used to calculate emissions from these processes:

**GDF ROC Emission Factors for Underground Storage Tanks
With Phase I EVR and Phase II EVR and Vent Valves**

	SBCAPCD Approved
	lb/1000 gal
Loading	0.150
Breathing	0.024
Refueling	0.356
Spillage	0.05
Total	0.58

Benzene loading, breathing, and refueling emissions were calculated using CAPCOA's *Gasoline Service Station Industry Wide Risk Assessment Guidelines* listed weight percentage of benzene in gasoline vapor of 0.3%. Benzene spillage emissions were calculated using the listed weight percentage of benzene in liquid gasoline of 1.0%.

Additionally, hose permeation emissions were calculated using the following District approved factors for balance Phase II EVR systems:

Hose Permeation ROC Emission Factors

Hose Type	SBCAPCD Approved	
	lb/day-per hose	lb/year-per hose
Balance System Types	0.010	3.74

- 2.4 Reasonable Worst-Case Emission Scenario: A worst case emission scenario was based on a maximum gasoline throughput of 3,000,000 gallons per year.
- 2.5 Emission Calculations: Detailed emission calculation spreadsheets may be found in Attachment D. These emissions define the Potential to Emit for the permitted equipment.
- 2.6 Special Calculations: There are no special calculations.
- 2.7 BACT Analyses: Best Available Control Technology was not required for this project.
- 2.8 Enforceable Operational Limits: The permit has enforceable operating conditions to ensure compliance with permitted emission limits.
- 2.9 Monitoring Requirements: The permit has enforceable monitoring conditions to ensure compliance with operational limits.
- 2.10 Recordkeeping and Reporting Requirements: The permit requires that specific data be recorded and reported to the District.

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PERMIT EVALUATION FOR AUTHORITY TO CONSTRUCT/PERMIT TO OPERATE 16406

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3.0 REEVALUATION REVIEW (not applicable)

4.0 REGULATORY REVIEW

4.1 Partial List of Applicable Rules: This project is anticipated to operate in compliance with the following rules:

Rule 201.	Permits Required
Rule 202.	Exemptions to Rule 201
Rule 205.	Standards for Granting Permits
Rule 301.	Circumvention
Rule 302.	Visible Emissions
Rule 316.	Storage and Transfer of Gasoline
Rule 801.	New Source Review – Definitions and General Requirements
Rule 802.	New Source Review
Rule 809.	Federal Minor Source New Source Review

4.2 Rules Requiring Review: None.

5.0 AQIA

The project is not subject to the Air Quality Impact Analysis requirements of Regulation VIII.

6.0 OFFSETS/ERCs

6.1 Offsets: The emission offset thresholds of Regulation VIII are not exceeded.

6.2 ERCs: This source does not generate emission reduction credits.

7.0 AIR TOXICS

On April 28, 2025, Lompoc Fuel applied for Authority to Construct/Permit to Operate No. 16406 for an increase in the throughput at the gas station located at 1100 E. Ocean Avenue in Lompoc. The first complete health risk assessment (HRA) submittal for this project was submitted by Rincon Consultants, Inc. on behalf of Lompoc Fuel and received by the District on October 2, 2026. The District provided comments on the October 2025 HRA. A revised HRA was submitted on May 11, 2026, and the District revised the HARP2 files and approved the HRA on June 3, 2026.

The HRA was conducted using the Hotspots Analysis and Reporting Program (HARP) software, Version 2 (Build 22118). Cancer risk and chronic non-cancer Hazard Index (HI) risk values were calculated and compared to *significance thresholds* for cancer and chronic non-cancer risk adopted by the District's Board of Directors. The calculated risk values and applicable thresholds are as follows:

	<u>Lompoc Fuel Max Risks</u>	<u>Significance Threshold</u>
Cancer risk:	5.88/million	≥10/million
Chronic non-cancer risk:	0.04	>1
8-Hour Chronic non-cancer risk:	0.04	>1
Acute non-cancer risk:	0.79	>1

Based on these results, the increase in throughput at the gas station located at 1100 E. Ocean Avenue in Lompoc permitted under Authority to Construct/Permit to Operate No. 16406, does not present a significant risk to the surrounding community.

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**PERMIT EVALUATION FOR
AUTHORITY TO CONSTRUCT/PERMIT TO OPERATE 16406**

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8.0 CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) REVIEW

The District is the Lead Agency under CEQA on this project. The project is exempt from further environmental review pursuant to *Appendix A: APCD List of Exempt Projects* of the *District's Environmental Review Guidelines* (Section 2.x.) that specifically provides an exemption for gasoline fueling stations. The proposed project involves a minor increase in the maximum annual gasoline throughput of an existing gas station. There are no physical modifications or ground disturbance proposed for the project site. The proposed project does not trigger offsets or an AQIA. A refined HRA was conducted to analyze the potential health risk from the operation of the Lompoc Fuel gas station at its proposed maximum annual throughput of 3.0 million gallons. The HRA found that the project would not expose nearby receptors to significant health risks. Section 15300.2 of the State CEQA Guidelines lists exceptions that would prohibit a project from qualifying for a categorical exemption. The District considered the applicability of the listed exceptions and concludes that none of the exceptions apply. No further action is required under CEQA.

9.0 SCHOOL NOTIFICATION PROCESS

A school notice pursuant to the requirements of H&SC §42301.6 was required as the project site is located within 1,000 feet of Hapgood Elementary School. A notice to the parents of the students, residences and businesses within 1,000 feet of the project will be mailed.

10.0 PUBLIC and AGENCY NOTIFICATION PROCESS/COMMENTS ON DRAFT PERMIT

10.1 This project is subject to public notice.

10.2 Draft comments, if any, may be found in the final permit.

11.0 FEE DETERMINATION

Fees for the District's work efforts are assessed on a fee basis. The Project Code is 500100 (*Gasoline Stations*). The fee calculations may be found in Attachment C.

12.0 RECOMMENDATION

It is recommended that this permit be granted with the conditions as specified in the permit.

Ariana Velazquez
AQ Engineer

September 2026
Date


Supervisor

September 2026
Date

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Authority to Construct /Permit to Operate 16406

ATTACHMENT A

Table T – Vapor Recovery System Testing Requirements

<i>Phase I EVR Tests</i>	<u>Testing required.</u> These tests shall be performed per the listed ARB test procedure and the applicable Executive Order: (a) <u>Annual test:</u> Static Torque of Phase I Adapters per ARB TP-201.1B. (b) <u>Triennial test:</u> Pressure Integrity Check of the Drop Tube/Drain Valve Assembly per ARB TP-201.1C/D. (c) <u>As requested by District:</u> Drop Tube/Drain Valve Assembly Leak Test per ARB TP-201.1C (or TP-201.1D if equipped with a flapper valve).
<i>Balance Phase II EVR Tests</i>	<u>Annual testing required.</u> (the Exhibits referenced below are for the version of VR-204 installed for this permit) (a) Static Leak Decay Test using ARB TP-201.3 per Exhibit 4. (b) Dynamic Back Pressure test using ARB TP-201.4 and Exhibit 6. (c) Liquid Removal Test per Exhibit 5. (d) Vapor Pressure Sensor Verification Test per Exhibit 10. (e) Franklin Fueling Systems Clean Air Separator; Static Pressure Performance Test per Exhibit 14.
<i>ISD Tests</i>	(a) <u>Annual Testing:</u> ISD Flow Meter Operability Test per Exhibit 17 or Exhibit 19 of Executive Order VR-204.
<i>Time Frames Defined</i>	Annual tests shall occur at least 350 days between tests, but not to exceed 410 days between tests. Triennial tests shall occur one time every three years (+/- 30 days of the three year test anniversary date).

The tests listed above, and any other VRS specific tests required in the applicable Executive Orders, are required to be performed by the permittee according to the time frames indicated. At any time, the District may require the permittee to perform any applicable ARB Test Procedure if operational VRS problems are observed.

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Authority to Construct /Permit to Operate 16406

ATTACHMENT B

Vapor Recovery System Facility Repair Log and Testing Records

The permittee shall maintain a Facility Repair Log and maintain the results of all VRS Testing Records in a folder or filing system separate from other regulatory agency documents and as noted below:

1. **Facility Repair Log:** A Repair Log that includes the information below. District Form ENF –99 shall be used. An alternative log form may be used if approved, in advance, by the District.
 - Date and time the problem was detected (e.g., component malfunction, defect, ISD Warning alarm, ISD Failure alarm, reconnection of breakaways)
 - Date and time the component was removed from service
 - Date and time the call for service was placed (including calls for service due to an ISD Warning alarm or ISD Failure alarm)
 - Date of actual service for which the component or defect was repaired or replaced (indicate if the ISD Failure alarm was “cleared”)
 - Name of the person performing the service and telephone number
 - Affiliation (company name) of the person performing the service
 - Indicate whether the service call was due to an ISD Warning alarm or ISD Failure alarm
 - Provide a short description of the service performed and list each component repaired, serviced, or removed, (include the component(s) manufacturer's (or re-manufacturer's) name and model number
 - Receipts for parts used in the repair and, if applicable, work orders, which shall include the name and signature of the person responsible for performing the repairs shall be made available to the District upon request
 - Any other information specifically required by the applicable Executive Orders
2. **Testing Records:** Records of all Compliance Tests, and any other VRS specific tests required in the applicable Executive Orders that include:
 - The date and start time of each test;
 - The type of test (specify ARB TP number);
 - Name(s), employer (or affiliation), address and phone number of the person(s) performing the tests;
 - Test data and calibration data for all equipment used;
 - Date and time each test is completed and the facility owner/operator is notified of the test results. For a test that fails, a description of the reason(s) for the test failure shall also be included; and
 - For a retest following a failed test, a description of the repairs performed prior to the retest (or a cross-reference to the Facility Repair Log above).
 - Completed CARB or District-approved reporting forms¹.

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Authority to Construct /Permit to Operate 16406

ATTACHMENT C Emission Calculations

Gasoline Dispensing Facility (GDF) Emission Calculations with Santa Barbara County Approved Emission Factors - October 2024

Facility Data

Permit:
FID:
Hose Type:
Number of Hoses:
Annual Throughput (gal/yr):
Tank Capacity (gallons) - required for AST
System Type:
Is this a new A6 system - AST, modified A6 system - AST, or other system?

ATC/PTO 16406
1892
H3 - Balance (All Balance System Types)
8
3,000,000

U1 - UST with Phase I EVR and Phase II EVR w/ Vent Valve
All Other Scenarios - Not A6

Emission Factors for Facility

Sum of Loading, Breathing, Refueling & Spillage Emission Factors:
Daily Hose Permeation Factor:
Annual Hose Permeation Factor:
AST Standing Losses (System Type A6 Only)

0.58 lb/1000 gal
0.010 (lb/day-per hose)
3.740 (lb/year-per hose)
0.000 lb/1000 gal ullage/day

Facility ROC Emissions

Total Daily ROC Emissions:
Total Annual ROC Emissions:

4.85 lb/day
0.88 ton/yr

Table 1 - GDF ROC Emission Factors for Loading, Breathing, Refueling and Spillage

System Type	Loading (lb/1000 gal)	Breathing (lb/1000 gal)	Refueling (lb/1000 gal)	Spillage (lb/1000 gal)	Sum of Loading, Breathing, Refueling & Spillage (lb/1000 gal)
U1 - UST with Phase I EVR and Phase II EVR w/ Vent Valve	0.15	0.024	0.356	0.05	0.58
U2 - UST with Phase I EVR and II w/ Vent Valve	0.15	0.25	0.42	0.42	1.24
U3 - UST with Phase I and II w/ Vent Valve	0.42	0.25	0.42	0.42	1.51
U4 - UST with Phase I and II w/o Vent Valve	0.42	1.00	0.42	0.42	2.26
U5 - UST with Phase I with Vent Valve	0.42	0.25	8.40	0.61	9.68
U6 - UST with Phase I only	0.42	1.00	8.40	0.61	10.43
U7 - UST with No Control	8.40	1.00	8.40	0.61	18.41
A1 - AST with Phase I EVR and II w/Vent Valve	0.15	0.525	0.42	0.42	1.52
A2 - AST with Phase I and II w/Vent Valve	0.42	0.525	0.42	0.42	1.79
A3 - AST with Phase I and II w/o Vent Valve	0.42	2.10	0.42	0.42	3.36
A4 - AST with Phase I only	0.42	2.10	8.40	0.61	11.53
A5 - AST with No Control	8.40	2.10	8.40	0.61	19.51
A6 - AST with Phase I EVR and Phase II EVR w/ Vent Valve and Standing Loss Control	0.15	0.024	0.356	0.05	0.58

Table 2 - Hose Permeation ROC Emission Factors

Hose Type	ROC Emission Factor (lb/day-per hose)	ROC Emission Factor (lb/year-per hose)
H1- Conventional, Assist Uncontrolled (Pre-EVR)	0.030	10.98
H2 - Assist Controlled (EVR for both Phase I and II)	0.001	0.47
H3 - Balance (All Balance System Types)	0.010	3.74

Table 3 - AST Standing Losses - A6 System Only

	Standing Loss (A6 Only) lb/1000 gal ullage/day	Standing Loss (A6 Only) lb/year
Modified A6 - AST with Phase I EVR and Phase II EVR w/ Vent Valve and Standing Loss Control	2.26	0.00
New A6 - AST with Phase I EVR and Phase II EVR w/ Vent Valve and Standing Loss Control	0.57	0.00
All Other Scenarios - Not A6	0.00	0.00

Average Ullage: 0 gallons

Notes:

- User inputs in red.
- Calculated values in blue.

References:

- Santa Barbara County Air Pollution Control District's Internal Memorandum, November 18, 2019, Cobbs, R. *Hose Permeation Emission Factors for Gasoline Dispensing Facilities*.
https://sbcapcd.org/shares/Toxics/Source_Types/Gas_Stations/Hose_Permeation_Emission_Factors_for_GDFs_Memo.docx
- Santa Barbara County Air Pollution Control District's Internal Memorandum, October 22, 2024, Cobbs, R. *GDF Emission Factors for Phase I EVR and Phase II EVR for UST and AST Systems*.
https://sbcapcd.org/shares/Toxics/Source_Types/Gas_Stations/GDF_Emission_Factors_for_Phase_I_EVR_and_Phase_II_EVR_for_UST_and_AST_Oct2024.docx



air pollution control district
SANTA BARBARA COUNTY

FEE STATEMENT

ATC/PTO No. 16406

FID: 01892 Ocean Ave, 1100 E. (MVFF) / SSID: 01892

Permit Fee

8 Total Nozzles at \$74.93 per Nozzle	\$599.44
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Fee Statement Grand Total = \$599.00

Notes:

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- (1) Fee Schedule Items are listed in District Rule 210, Fee Schedule "A".
 - (2) The term "Units" refers to the unit of measure defined in the Fee Schedule.