

**ENGINEERING EVALUATION  
AUTHORITY TO CONSTRUCT**

**Facility Name:** Costco Gasoline (Loc. No. 124)

**Application Number:** APCD2023-APP-007920 for a new GDF

**Equipment Type:** New installation of three (3) new underground gasoline storage tanks, one underground additive tank, and thirty (30) new nozzles to replace existing gasoline storage tanks, additive tank and dispensing equipment

**Facility ID:** APCD SITE: APCD1998-SITE-10352

**Current Equipment Address:** 1755 Hacienda Drive, Vista CA 32081

**New Equipment Address:** 1765 Hacienda Drive, Vista CA 92081

**Facility Contact:** Costco Wholesale Corporation Warehouse Manager

**Facility Contact Phone:** (760)631-7255

**Facility Email** [costco@barghausen.com](mailto:costco@barghausen.com)

**Application Contact:** Jacqueline Choe

**Application Company Affiliation:** Barghausen Consulting Engineers, Inc

**Application Contact Title:** Assistant Project Coordinator

**Application Contact Phone:** 425-656-7420

**Application Contact Email:** [jchoe@barghausen.com](mailto:jchoe@barghausen.com)

**Permit Engineer:** Karen Chan

**Senior Engineer:**

**X**

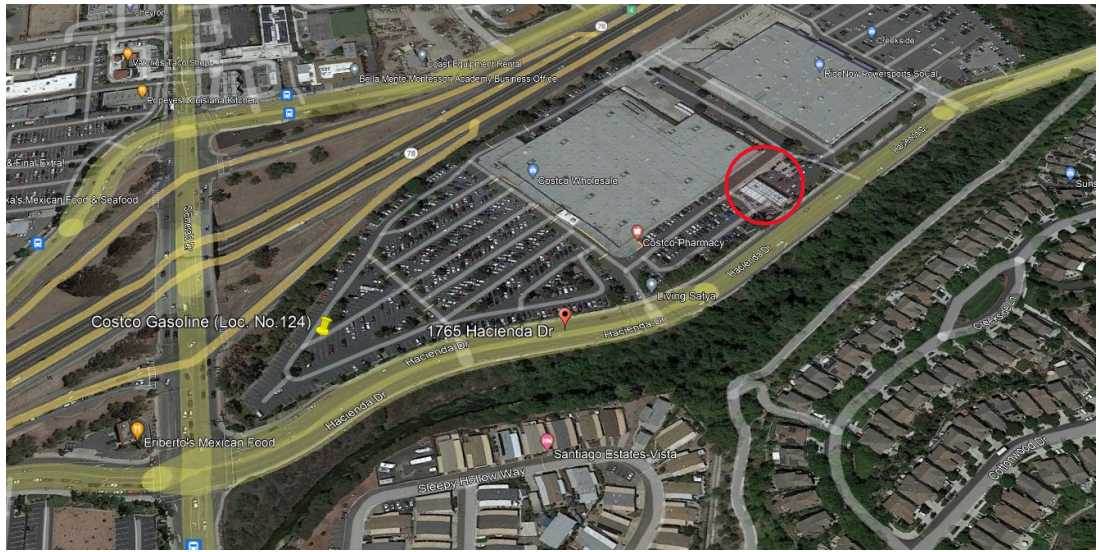
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Allison Weller  
Senior Engineer

## 1.0 BACKGROUND

### 1.1 Type of Applications –

Costco Gasoline is applying for a permit to construct and operate a new Gasoline Dispensing Facility (GDF) to replace an existing GDF at the SITE. The applicant is proposing to install three (3) 40,000-gallon gasoline underground storage tanks (USTs) and one (1) 1500-gallon additive underground storage tank (UST), connecting piping to connect the new USTs, and thirty (30) new nozzles to dispense gasoline. The facility will install new Phase I, Phase II systems and utilize an ARID permeator for the emission control of their gasoline dispensing operation. The estimated annual throughput for Post-project gasoline is 84,000,000 gallons and monthly throughput is 7,000,000 gallons.



The Site has an existing permitted gas dispensing operation under APCD2006-PTO-971289. The current gasoline operations have sixteen (16) gasoline nozzles, dispensers and underground storage tanks will be demolished after the new gas dispensing operation is in operation. The 2022 throughput for the current facility was 14,254,336-gallon per year.

Installation, operation, and maintenance conditions will be incorporated into the ATC and PTO to ensure compliance with all requirements, regulations and standards in the applicable CARB Executive Order, relevant Installation, Operation and Maintenance Manual (IOMs) and District Rules and Regulations.

### 1.2 Permit History –

This is a permit application for a replacement retail gasoline dispensing facility at the Site. The facility has one open like-kind replacement application and an existing GDF permit with the District at this location. The existing permitted gasoline station is located adjacent to the proposed new GDF within the same property boundary. The facility is intended to replace the existing GDF operation with this new proposed gasoline station.

Record ID	Status	Description
APCD2023-APP-007920	Open	New GDF for replacement of existing retail GDF station
APCD2006-PTO-971289	Active	Existing GDF operation
APCD2019-APP-005773	Cancelled	New Installation of a GDF
APCD2023-APP-007938	Open	Like-Kind Replacement of gasoline additive from Lubrizol 9888 to Lubrizol GA9058

1.3 Facility Description –

This facility is a new retail gasoline dispensing station, which uploads, stores, and dispenses gasoline to mobile vehicles. The owner is intended to replace their existing GDF once the new facility is in operation.

1.4 Other Background Information –

There is no record on permit denial, legal settlement, or nuisance complaint associate with this facility and this is not a Title V facility. There were two violations for V/L failures at this Costco SITE and the NOV's were corrected and paid.

## 2.0 PROCESS DESCRIPTION

2.1 Equipment Description –

**Existing equipment description under APCD2006-PTO-971289:**

Gasoline Dispensing Facility (Retail) (BACT):

Sixteen (16) nozzles, as listed in Exhibit 1 of the Phase II Executive Order (E.O.) specified below, with two (2) grades per nozzle;

Phase II VRS: Healy Vacuum Assist per ARB E.O. VR-202-F;

ISD System: Veeder Root Software Version 1.06;

Processor: Permeator AT-150 per ARB E.O. VR-202;

Phase I VRS: Two Point OPW per ARB E.O. VR-102-N. Alternative additive configuration per figure 2F.

Tanks: Three (3) 20,000 gallon, gasoline, underground {manifolded underground}

Additive Tank: One (1) 1,500 gallon underground Lubrizol 9888 storage tank (manifolded to the gasoline underground storage tanks), equipped with a submerged drop tube, product dust cap and spill container cover. Additive will be pumped into gasoline USTs through Phase I drop tube.

**New equipment description under APCD2023-APP-007920:**

Gasoline Dispensing Facility (Retail) (BACT):

Thirty (30) nozzles, as listed in Exhibit 1 of the Phase II Executive Order (E.O.) specified below, with two (2) grades per nozzle;

Phase II VRS: Healy Vacuum Assist per ARB E.O. VR-202;

ISD System: Veeder Root Software in compliant version;

Processor: Permeator AT-150 per ARB E.O. VR-202;

Phase I VRS: Two Point OPW per ARB E.O. VR-102.

Alternative additive configuration per ARB E.O. VR-102, Figure 2-7,

Tanks: Three (3) 40,000 gallon, gasoline, underground {manifolded underground}

Additive Tank: One (1) 1,500 gallon underground Lubrizol GA9058 storage tank (manifolded to the gasoline underground storage tanks), equipped with a submerged drop tube, product dust cap and spill container cover. Additive will be pumped into gasoline USTs through Phase I drop tube.

2.2 Process –

This is a retail gasoline dispensing facility installing new dispensing equipment, underground storage tanks and the associated equipment to receive, store, and dispense gasoline.

Additive tank:

This proposed GDF is equipped with an underground storage tank to store a gasoline additive, which will be transferred to the gasoline storage tanks. The existing gasoline additive is Lubrisol 9888, according to the previous approved permit applications for existing Costco gasoline dispensing facilities (refer to APCD2018-APP-005450, APCD2013-APP-003089), this gasoline additive is not defined as volatile organic liquid due to low Reid Vapor Pressure, as per Rule 11(c)(34).

*(34) "Volatile Organic Liquid" means any organic liquid either having a Reid Vapor Pressure (RVP) greater than 3 pounds per square inch if the American Society for Testing Material International (ASTM) RVP test method is applicable, or having a true vapor pressure greater than 3 pounds per square inch absolute at 100°F if the ASTM RVP test is not applicable.*

The new additive Lubrisol GA9085 has two additional ingredients, Polyether amines and 2-Ethyl Hexanol, when compare with the existing fuel additive. The new gasoline additive is not expected to contribute to a significant increase of VOC emissions.

While the additive storage tank by itself would be exempt from permitting requirements per Rule 11(d)(17)(i), states that stationary equipment used to store and/or transfer non-volatile organic liquids are exempt from Rule 10 permitting requirements. The additive tank is dependent on the gasoline dispensing facility and will not be operated without the gasoline service station; therefore, it is part of the gasoline dispensing process and process line, as defined in District Rule 2, therefore needs to be added to the gasoline dispensing facility permit.

2.3 Emissions Controls –

The proposed retail gasoline dispensing facility will be equipped with CARB certified Phase I and Balance Phase II vapor recovery systems. The fuel additive is supposed to enhance fuel efficiency of vehicles and reduce emissions.

2.4 Attachments –

Refer to applicable Executive Order and/or Installation, Operation and Maintenance Manual for supporting information.

### 3.0 EMISSIONS

3.1 Emission Estimate Summary –  
Emissions increase from the installation of a new gasoline dispensing facility is expected.

Emission increase estimated for **gasoline dispensing operation as shown in Table 1.**  
*Table 1: Post and Pre project emissions and VOC Emissions increases.*

	Post-Project	Pre-Project	Emissions increase	Units
Annual VOC Emissions	43,008.00	7,298.05	35,709.95	lbs TOG/year
Annual VOC Emissions (in tons)	21.70	3.65	17.85	Tons TOG/year
Daily VOC Emissions	117.83	19.99	97.84	lbs TOG/day
Average Hourly Emissions	6.53	1.11	5.42	lbs TOG/hour (Avg)
Maximum Hourly Emissions	23.09	9.86	13.23	lbs TOG/hour loading (Max)

*Note: MAX Hourly Emissions assumed the worst case scenario for one (1) hour is dispensing gas while the tank is being loaded with gas from a delivery (to full max tank capacity). However, the actual max hourly emissions are expected to be lower. Facilities are not allowed to fill tanks past 90% and most full deliveries are not filling an empty tank (fuel deliveries are typically ordered in advance before tanks run “dry”). Average volume of bulk tank delivery also varies.*

Methods for the emission calculations are presented in the calculation sections 3.2 and 3.3 of this report.

3.2 Emission Estimate Assumptions –  
Calculation Procedure:

The SDCAPCD Emission Calculation Procedures were used to calculate the annual VOC emissions (located at [APCD-G11-Underground-Storage-w-Phase-I-and-II-EVR \(sdapcd.org\)](http://apcd-g11-underground-storage-w-phase-i-and-ii-evr.sdapcd.org)).

Equations:

$$E_a = U_a \times EF_t \times C_i$$

$$E_h = T \times EF_l \times C_i$$

Variables:

- $E_a$  Annual emissions of gasoline vapor (lbs/year)
- $E_h$  Maximum hourly emissions of gasoline vapor (lbs/hour)
- $U_a$  Annual gasoline throughput (gallons/year)
- $T$  Maximum one-hour bulk gasoline delivery
- $EF_t$  Emission factor (combined) for throughput (lbs/gallon)
- $EF_l$  Emission factor for underground tank loading (lbs/gallon)
- $C_i$  Concentration of each listed substance in the gasoline vapor (lbs/lb)

Emission Factors:

The above SDAPCD methodology requires the input of emission factors from CARB’s Revised Emission Factors for Gasoline Marketing Operations at California Gasoline Dispensing Facilities dated December 23, 2013 were used (<https://ww3.arb.ca.gov/vapor/gdf-emisfactor/gdfumbrella.pdf>), which are shown in Table 2.

Table 2: Gasoline Emission Factors

Sub-Category	Revised (lbs/1000 gal)	Source
	EVR	
Phase I Bulk Transfer Loss	0.15	<a href="#">CARB 2013 Updated Emission Factors Table I-I</a>
Pressure Driven Loss (Breathing Loss)	0.024	<a href="#">CARB 2013 Updated Emission Factors Table I-I</a>
*Phase II fueling	0.089	<a href="#">CARB 2013 Updated Emission Factors Table I-I</a>
Hose Permeation, low perm hose (2017)	0.009	<a href="#">CARB 2013 Updated Emission Factors Table I-I</a>
Spillage	0.24	<a href="#">CARB 2013 Updated Emission Factors Table I-I</a>
Total (lbs/1000 gal)	0.512	

\*The Phase II Fueling emission factor for Non-ORVR and ORVR vehicles is based on the “[Gasoline Service Station Industrywide Risk Assessment Technical Guidance \(Dated: 2/18/2022\)](#).” The document suggested the percentage of gasoline dispensed to ORVR vehicles versus non-ORVR vehicle in 2018 was 83 percent ORVR vehicles and 17 percent non-ORVR vehicles. The weighted average calculation is as follows:

$$\begin{aligned}
 & (\text{Percent Non – ORVR} \times \text{Non – ORVR EVR Emission Factor}) + \\
 & (\text{Percent ORVR} \times \text{ORVR EVR Emission Factor}) = \\
 & \text{Phase II Fueling Emission Factor}
 \end{aligned}$$

$$\begin{aligned}
 & \left( (1 - 0.83) \times 0.42 \frac{\text{lbs}}{1000 \text{ gallons}} \right) + \left( 0.83 \times 0.021 \frac{\text{lbs}}{1000 \text{ gallons}} \right) \\
 & = 0.089 \frac{\text{lbs}}{1000 \text{ gallon}}
 \end{aligned}$$

3.3 Emission Calculations –

*Table 3: Emissions increase from the new installation of the GDF.*

Variable	Post-Project	Pre-Project	Emissions increases (post-pre project)	Units	Description
U <sub>A</sub>	84,000,000	14,254,000	69,746,000	gallons/year	Annual Gasoline Throughput (increase only)
EF <sub>T</sub>	0.512	0.512	--	lbs/1000 gallons	Total Emission Factor
C <sub>i</sub>	1	1	--	lbs/lb	Concentration of VOCs in gasoline vapor
E <sub>A</sub>	43,008.00	7,298.05	35,709.95	lbs/year	Annual VOC Emissions: Sum of loading loss, breathing loss, refueling and spillage
E <sub>A</sub>	21.70	3.65	17.85	tons/year	Annual VOC Emission: E <sub>A</sub> * (1 ton/2000 lbs)
E <sub>D</sub>	117.83	19.99	97.84	lbs/day	Daily VOC Emissions: E <sub>A</sub> *(1 year/365 days)
E <sub>Haverage</sub>	6.53	1.11	5.42	lbs/hour	Loading + breathing Loss + Refueling+ Hose Permeation (per hour)
E <sub>Hmax</sub>	23.09	9.86	13.23	lbs/hour	EF loading x tank cap. (gal) + breathing loss lb/ hr + refueling lb/hr + hose permeation lb/hr + spillage lb/hr

3.4 Attachments –

**APCD2023-APP-007920\_VR Emission Calculations**

**4.0 APPLICABLE RULES**

4.1 Prohibitory Rules

**Rule 50 – Visible Emissions**

Requirement	Explanation:	Condition
<i>Visible emissions cannot exceed 20% opacity for more than 3 minutes in any consecutive 60-minute period.</i>	Facility is expected to comply based on similar and exiting operations.	n/a

**Rule 61.3 – Transfer of Volatile Organic Compounds into Stationary Storage Tanks**

Requirement	Explanation:	Condition
<i>Rule 61.3 outlines the standards and requirements for the transfer of VOCs into stationary storage tanks.</i>	Complies – the equipment related to gasoline is subject to and complies with Rule 61.3.1, which is more stringent than Rule 61.3. The additive tank is not subject to this rule since the additive is not considered a volatile organic liquid.	n/a

**Rule 61.3.1 – Transfer of Gasoline into Stationary Underground Storage Tanks**

<b>(d) Equipment and Operation Requirements</b>			
Section	Requirement	Explanation:	Condition
<i>(d)(1)</i>	<i>Non-certified Phase I vapor recovery systems are prohibited from being sold, supplied and installed. Components installed shall be a Phase I vapor recovery system certified by CARB with the identification depicting manufacturer name, model number, and serial number unless exempt by CARB</i>	Compliance is expected. A CARB certified Phase I EVR system per the <u>VR-102</u> series is proposed for the gasoline dispensing equipment.	ATC condition(s): 21
<i>(d)(2)</i>	<i>Post 9/1/2006, all contractors and installers must successfully complete the corresponding manufacturers' training program for installing, modifying or repairing the Phase I vapor recovery system. Documentation of successful completion must be available upon District request.</i>	Compliance is expected. The ATCs and PTO will incorporate conditions regarding the requirement for Phase I equipment certified contractors and installers.	ATC condition(s): 23
<i>(d)(3)</i>	<i>Gas stations shall not be operated unless the following are met:</i>		
<i>(d)(3)(i)</i>	<i>Each underground storage tank (UST) is equipped with a CARB certified drop tube.</i>	The facility is expected to comply. The gasoline tanks will be required to have submerged fill pipes	ATC condition(s): 7, 33



		installed that meet the necessary distance requirements (within 6 inches from highest cut to the bottom of the tank). Verification will be conducted during the inspections.	
(d)(3)(ii)	<i>Minimum gasoline vapor control efficiency: 98.0% by volume Mass emission factor: Not exceeding 0.15 lbs gasoline vapor per 1,000 gallons of gasoline dispensed.</i>	Expected to comply, a CARB certified Phase I EVR system is proposed for the gasoline tanks.	ATC condition(s): 19
(d)(3)(iii)	<i>Phase I vapor recovery system is maintained and operated accordingly to the CARB Executive Order (E.O.) and manufacturer Installation, Operation and Maintenance (IOM) manual. Also free of defects per Title 17.</i>	The facility is expected to comply. The ATCs and PTOs will incorporate a condition regarding handling repair and defects in equipment.	ATC condition(s): 19, 29
(d)(3)(iv)	<i>When required by the applicable CARB Executive Order, the Phase I vapor recovery system is equipped with:</i>	Expected to comply, a CARB certified Phase I EVR system is proposed for the gasoline tanks. The ATC and PTO will incorporate a condition requiring all components listed in the applicable CARB Executive Order be installed	ATC condition(s): 21
(d)(3)(iv)(A)	<i>CARB certified gasoline vapor and liquid anti-rotational couplers or rotatable adaptors. Static rotation shall not exceed 108 pound-inch (9 pound-foot).</i>		
(d)(3)(iv)(B)	<i>CARB certified poppeted dry breaks or other CARB certified poppeted fittings on the vapor return coupler that are vapor tight when closed;</i>		
(d)(3)(iv)(C)	<i>CARB certified pressure/vacuum (P/V) valve(s) on the stationary underground storage tank vent pipe(s). The tank vent pipes shall be manifolded when required by the most recent applicable CARB Executive Order;</i>		
(d)(3)(iv)(D)	<i>CARB certified spill boxes each having an integral drain valve or other devices that are certified by CARB to return spilled gasoline</i>		

	<i>to the stationary underground storage tank. Each spill box shall be maintained free of standing gasoline and free of any debris that may interfere with the seating of the drain valve. Spill boxes used exclusively for Phase I vapor connections shall not have drain valves.</i>		
<i>(d)(3)(v)</i>	<i>All components shall be maintained free of liquid leaks and vapor tight unless otherwise specified by CARB.</i>	The facility is expected to comply. A CARB certified Phase I EVR system is proposed for gasoline equipment which have specified allowable leak rates for certain components. Startup inspection and annual compliance test will be required to ensure compliance.	ATC condition(s): 26
<i>(d)(3)(vi)</i>	<i>The gasoline liquid delivery hose shall only be connected or disconnected when the vapor return hose is connected during gasoline delivery.</i>	The facility is expected to comply with subsections (d)(3)(vi) and (d)(3)(vii). The ATCs and PTOs will incorporate a condition regarding the proper transfer connections and order during fuel bulk delivery to prevent leakage during a delivery and disconnection.	ATC condition(s): 44, 26, 27
<i>(d)(3)(vii)</i>	<i>There shall be no liquid leaks of the gasoline delivery hose and vapor return hose during a delivery and disconnection.</i>		
<b>(e) Inspection and Maintenance Program</b>			
<i>(e)(1)</i>	<i>Periodic inspections shall be conducted per Table 1 of Rule 61.3.1 and include all components but not limited to:</i>	The facility is expected to comply. The ATCs and PTOs will incorporate a condition regarding the inspection requirements.	ATC condition(s): 30
<i>(e)(1)(i)</i>	<i>All stationary UST fill caps and gaskets, to verify the components are in place and in good condition.</i>		
<i>(e)(1)(ii)</i>	<i>All stationary UST popped dry breaks, gasoline vapor and liquid adaptors, to verify they are operable and sealing properly.</i>		
<i>(e)(1)(iii)</i>	<i>All stationary UST spill boxes, to verify there is no standing gasoline or debris in the spill</i>		

	<i>boxes and that drain valves are seating properly</i>		
<i>(e)(2)</i>	<i>Annual inspection to ensure compliance with all applicable District rules, regulations and permit conditions.</i>	The facility is expected to comply. The ATCs and PTOs will incorporate a condition regarding the annual compliance inspection requirements and schedule.	ATC condition(s): 33
<i>(e)(2)(i)</i>	<i>The District permit is current and posted.</i>		
<i>(e)(2)(ii)</i>	<i>The facility complies with all permit conditions.</i>		
<i>(e)(2)(iii)</i>	<i>The Phase I vapor recovery system is properly installed and complies with the most recent applicable CARB certification procedures and CARB Executive Orders.</i>		
<i>(e)(2)(iv)</i>	<i>All stationary USTs have gasoline submerged drop-tubes installed and not damaged. A re-inspection shall be conducted each time specific components are removed or replaced.</i>		
<i>(e)(2)(v)</i>	<i>The vent pipes are equipped with the required pressure/vacuum valves and each such valve is properly installed. A re-inspection shall be conducted each time specific components are removed or replaced.</i>		
<i>(e)(3)</i>	<i>Maintenance Procedures</i>	The facility is expected to comply with subsections (e)(3) and (e)(4). The ATCs and PTOs will incorporate a condition regarding maintenance issues and requirements.	ATC condition(s): 29, 34
<i>(e)(3)(i)</i>	<i>Any component not in working order or good condition shall be repaired, replaced or adjust within 7 calendar days to bring the facility into compliance. An additional 7 day extension may be requested.</i>		
<i>(e)(3)(ii)</i>	<i>Components having a Title 17 defect shall not be used.</i>		
<i>(e)(4)</i>	<i>Any additional alternative maintenance procedures by CARB E.O.s or IOMs.</i>		
<b>(f) Source Testing</b>			
<i>(f)(1)</i>	<i>Initial compliance test shall be conducted within 60 calendar dates for new installations or modifications.</i>	The facility is expected to comply. The ATCs will require an initial startup inspection with applicable	ATC condition(s): 69

		testing per the CARB Executive Orders.	
(f)(2)	<i>Annual compliance source test required. Additional tests may be required.</i>	The facility is expected to comply. The ATCs and PTOs will incorporate a condition regarding the compliance test schedule.	ATC condition(s): 66-67
(f)(3)	<i>Contractors/technicians conducting tests are required to complete the SCAQMD orientation class, alternative District approved classes/training, training/certificates by CARB or the systems manufacturer.</i>	Compliance with subsections (f)(3), (f)(4) and (f)(5) is expected. The ATCs and PTOs will incorporate conditions regarding certification requirements and testing time frames as required.	ATC condition(s): 23
(f)(3)(i)	<i>A copy of a current certificate from the South Coast Air Quality Management District, CARB, system manufacturer and/or from other approved training.</i>		
(f)(3)(ii)	<i>Records of equipment calibrations performed as required by the applicable test procedures.</i>		
(f)(4)	<i>Tests shall be conducted per the ATC, PTO, and applicable CARB EO and Certification Procedures.</i>		
(f)(5)	<i>Test and/or re-test reports shall be submitted to the owner or operator within 15 calendar days.</i>		
<b>(g) Recordkeeping</b>			
(g)(1)	<i>Records of inspections performed as required by Section (e) of this rule.</i>	The facility is expected to comply. The ATCs and PTOs will incorporate a condition regarding the requirements for recordkeeping as outlined.	ATC condition(s): 32 to 35
(g)(2)	<i>Records of all malfunctioning components, including the date(s) such components were identified and repaired or replaced, and any other records and information required by the most recent applicable CARB Executive Orders.</i>		
(g)(3)	<i>Records of initial and periodic compliance source tests, which include at a minimum:</i>		
(g)(3)(i)	<i>Date and time of each test;</i>		

(g)(3)(ii)	Name, affiliation, address, and phone number of the person(s) who performed the test;		
(g)(3)(iii)	For a retest following a failed initial or periodic compliance source test, description of repairs performed;		
(g)(3)(iv)	Copies of all test reports, including test equipment calibration date(s), test results and failed test data, in District-approved format and, for a test that fails, a description of the reasons for the test failure.		
(g)(4)	Monthly gasoline throughput records.		ATC condition(s):  24

**Rule 61.4 – Transfer of Volatile Organic Compounds into Vehicle Fuel Tanks**

Requirement	Explanation:	Condition
<i>Rule 61.4 outlines the standards and requirements for the transfer of VOCs into stationary storage tanks.</i>	Complies – the equipment related to gasoline is subject to and complies with Rule 61.4.1, which is more stringent than Rule 61.4.	n/a

**Rule 61.4.1 – Transfer of Gasoline from stationary underground storage tanks into vehicle fuel tanks**

<b>(a) Applicability</b>		
Section	Requirement	Explanation:
(a)(1)	<i>Except as otherwise provided in Section (b), this rule is applicable at any gasoline dispensing facility where gasoline is dispensed into motor vehicle fuel tanks from any stationary underground storage tank with a capacity of 250 gallons (946 liters) or more...</i>	The facility’s retail gasoline station is subject to this rule. The capacity of the underground storage tanks is more than 250 gallons of gasoline.

<b>(d) Equipment and Operation Requirements</b>			
<b>Section</b>	<b>Requirement</b>	<b>Explanation:</b>	<b>Condition(s)</b>
(d)(1)	<i>Non-certified Phase II vapor recovery systems are prohibited from being sold, supplied and installed. Components installed shall be a Phase I vapor recovery system certified by CARB with the identification depicting manufacturer name, model number, and serial number unless exempt by CARB.</i>	The GDF is expected to comply. A CARB certified Phase II EVR system per the <u>VR-202</u> series is proposed.	ATC condition(s): 21
(d)(2)	<i>Post 9/1/2006, all contractors installing, modifying, and repairing Phase II vapor recovery systems must have successfully completed the applicable manufacturer's training program. Documentation of successful complete shall be made available if requested.</i>	Compliance is expected. The ATC and PTO will incorporate conditions regarding the requirement for Phase II equipment certified contractors and installers.	ATC condition(s): 23
(d)(3)	<i>Gas stations shall not be operated unless the following are met:</i>	The facility is expected to comply Phase I EVR System per Executive Order VR-102 series and Phase II EVR System per Executive Order VR-202 series are proposed.	ATC condition(s): 21, 22
(d)(3)(i)	<i>A CARB certified Phase II vapor recovery system is installed and compatible with the CARB certified Phase I system at the gas station.</i>		
(d)(3)(ii)	<i>By the applicable dates...</i>		
(d)(3)(ii)(A)	<i>Summer fuel: a gasoline vapor control efficiency of at least 95% by weight and a mass emission factor not exceeding 0.38 pounds of gasoline vapors per 1,000 gallons of gasoline dispensed.</i>		
(d)(3)(ii)(B)	<i>Winter fuel: a gasoline vapor control efficiency of at least 95% by weight and a mass emission factor not exceeding 0.38 pounds of gasoline vapors per 1,000 gallons of gasoline dispensed.</i>		
(d)(3)(iii)	<i>The Phase II vapor recovery system is installed, maintained and operated per the applicable</i>		

	<i>CARB certifications, CARB E.O. and manufacturer I.O.M.</i>		
<i>(d)(3)(iv)</i>	<i>The Phase II vapor recovery system is free of Title 17 defects.</i>		ATC condition(s): 29
<i>(d)(3)(v)</i>	<i>All applicable Phase II vapor recovery system and components shall be free of leaks and are vapor tight unless an otherwise specified by CARB.</i>		ATC condition(s): 27
<i>(d)(3)(vi)</i>	<i>All liquid removal devices installed shall have a minimum liquid removal rate of 5 mL per gallon of gasoline dispensed unless otherwise specified by CARB.</i>		ATC condition(s): 15
<i>(d)(3)(vii)</i>	<i>The gas station has posted:</i>		ATC condition(s):
<i>(d)(3)(vii)(A)</i>	<i>Nozzle operating instructions and a toll-free number to report problems.</i>		
<i>(d)(3)(vii)(B)</i>	<i>A warning sign that topping off is prohibited and may cause spillage.</i>		
<i>(d)(3)(viii)</i>	<i>The Phase II vapor recovery system is CARB certified and compatible with ORVR.</i>		ATC condition(s): n/a
<i>(d)(3)(ix)</i>	<i>Facilities that dispense &gt; 600,000 gallons of gasoline must be equipped with a CARB certified ISD system.</i>	Complies, Phase II EVR per CARB Executive Order <u>VR-202</u> series with compatible Veeder-Root ISD Software are proposed by the facility.	ATC condition(s): 49
<i>(d)(3)(x)</i>	<i>New or replacement dispensers must be unihose. Existing dispensers can be replaced with the same type of dispensers due to damage, accidents, or vandalism.</i>	The facility is expected to comply. Verification will occur during the startup inspection.	n/a
<b>(e) Inspection and Maintenance Program</b>			
<i>(e)(1)</i>	<i>Periodic inspections shall be conducted per Table 1 of Rule 61.4.1 and include all components but not limited to:</i>	The facility is expected to comply. The ATC and PTO will incorporate a condition regarding the annual compliance inspection requirements and schedule.	ATC condition(s): 31
<i>(e)(1)(i)</i>	<i>Vapor guards (if required) are intact.</i>		
<i>(e)(1)(ii)</i>	<i>Breakaway couplings have not separated.</i>		

<i>(e)(1)(iii)</i>	<i>Nozzle boots are free of holes, slits and rips that are Title 17 defects.</i>	The weekly draining requirement will be phased out, Rule 61.4.1 is pending a Rule update.	
<i>(e)(1)(iv)</i>	<i>Vapor recovery hoses, swivels, nozzles, hold-open latches and faceplates are in good working conditions. Gas station components outside each dispenser are also free of liquid leaks and Title 17 defects.</i>		
<i>(e)(2)</i>	<i>Balance system: Weekly draining of any retained gasoline from the coaxial hoses. Volume of gasoline removed shall be recorded.</i>		ATC condition(s): n/a
<i>(e)(3)</i>	<i>Dispensing flow rate shall be verified monthly per the CARB E.O. or Title 17 CCR requirements.</i>		ATC condition(s): 21, 29
<i>(e)(4)</i>	<i>An annual inspection shall verify and ensure compliance with applicable rules, regulations and permit conditions.</i>		ATC condition(s):  65-67
<i>(e)(4)(i)</i>	<i>District permit and the signs required under subsection (d)(3)(vii) of this rule are current and posted.</i>		
<i>(e)(4)(ii)</i>	<i>Gas station complies with all permit conditions.</i>		
<i>(e)(4)(iii)</i>	<i>The Phase II vapor recovery system is properly installed and complies the applicable CARB certification procedures and CARB E.O.</i>		
<i>(e)(4)(iv)</i>	<i>All connections and fittings inside dispensers are free of liquid leaks.</i>		
<i>(e)(4)(v)</i>	<i>Dispenser hoses are compliant with the required lengths and installation arrangements per the applicable CARB E.O.</i>		
<i>(e)(5)</i>	<i>Maintenance Procedures</i>		
<i>(e)(5)(i)</i>	<i>Any component not in working order or good condition shall be repaired, replaced or adjust within 7 calendar days to bring the facility into compliance. An</i>	The facility is expected to comply. The ATC and PTO will incorporate a condition regarding maintenance issues and requirements.	ATC condition(s): 16



	<i>additional 7 day extension may be requested.</i>		
<i>(e)(5)(ii)</i>	<i>Components having a Title 17 defect shall not be used.</i>		
<i>(e)(6)</i>	<i>Any additional alternative maintenance procedures by CARB E.O.s or IOMs.</i>		
<b>(f) Source Testing</b>			
<i>(f)(1)</i>	<i>Initial compliance test shall be conducted within 60 calendar dates for new installations or modifications.</i>	The facility is expected to comply. The applicable tests referenced in <u>Attachment A</u> shall be successfully conducted within 60 days after startup of the equipment authorized herein.	69
<i>(f)(2)</i>	<i>Annual compliance source test required. Additional tests may be required.</i>		ATC condition(s): 65-66
<i>(f)(3)</i>	<i>Contractors/technicians conducting tests are required to complete the SCAQMD orientation class, alternative District approved classes/training, training/certificates by CARB or the systems manufacturer.</i>		ATC condition(s): 23
<i>(f)(3)(i)</i>	<i>A copy of a current certificate from the South Coast Air Quality Management District, CARB, system manufacturer and/or from other approved training.</i>		ATC condition(s): 23
<i>(f)(3)(ii)</i>	<i>Records of equipment calibrations performed as required by the applicable test procedures.</i>		ATC condition(s): 23
<i>(f)(4)</i>	<i>Tests shall be conducted per the ATC, PTO, and applicable CARB EO and Certification Procedures.</i>		ATC condition(s): 23
<i>(f)(5)</i>	<i>Test and/or re-test reports shall be submitted to the owner or operator within 15 calendar days.</i>		ATC condition(s): 65,66
<b>(g) Recordkeeping</b>			
<i>(g)(1)</i>	<i>Records of inspections performed as required by Section (e) of this rule.</i>	The facility is expected to comply. The ATC and PTO will incorporate a condition regarding the requirements for recordkeeping as outlined.	ATC condition(s): 32-35
<i>(g)(2)</i>	<i>Records of all malfunctioning components, including the</i>		

	<i>date(s) such components were identified and repaired or replaced, and any other records and information required by the most recent applicable CARB Executive Orders.</i>		
(g)(3)	<i>Records of initial and periodic compliance source tests, which include at a minimum:</i>		
(g)(3)(i)	<i>Date and time of each test;</i>		
(g)(3)(ii)	<i>Name, affiliation, address, and phone number of the person(s) who performed the test;</i>		
(g)(3)(iii)	<i>For a retest following a failed initial or periodic compliance source test, description of repairs performed;</i>		
(g)(3)(iv)	<i>Copies of all test reports, including test equipment calibration date(s), test results and failed test data, in District-approved format and, for a test that fails, a description of the reasons for the test failure.</i>		
(g)(4)	<i>Monthly gasoline throughput records.</i>		ATC condition(s): 24

**Rule 61.5 – Visible Emissions Standards for Vapor Control Systems**

<b>Requirement</b>	<b>Explanation:</b>	<b>Condition</b>
<i>Rule 61.5 states: No person shall discharge, or allow to be discharged, into the atmosphere from any vapor control system used to meet the requirements of Rules 61.1, 61.2, 61.3, 61.4 or 61.7, air contaminants in such a manner that the opacity of the emission is: (1) Greater than 10% for a period or periods aggregating more than one (1) minute in any 60 consecutive minutes; or (2) Greater than 40% at any time.</i>	The facility is expected to comply based on facility’s ongoing and similar operations.	n/a

**Rule 61.6 – NSPS Requirements for Storage of Volatile Organic Compounds**

<b>Requirement</b>	<b>Explanation:</b>	<b>Condition</b>
<i>Any person owning or operating any source subject to the provisions of any federal New Source Performance Standard (NSPS), the enforcement of which has been delegated to the San Diego County Air Pollution Control District must, in addition to complying with Rules 61.1 through 61.5 and 61.7 and 61.8, comply with Regulation X.</i>	Not applicable, this source is not subject to any NSPS.	n/a

**Rule 61.7 – Spillage and Leakage of Volatile Organic Compounds**

<b>Requirement</b>	<b>Explanation:</b>	<b>Condition</b>
<i>No person shall: (i) Spill, allow the spillage or cause spillage of such compounds during the disconnection of fittings used for transfer, except for spillage which would normally occur with equipment handled in a manner designed to minimize spillage. (ii) Use or allow equipment to be used to transfer fuel unless the equipment is free of defects and properly maintained in a manner designed to minimize spillage, and (iii) No person shall allow fugitive liquid leaks along the liquid transfer path, including any storage tank.</i>	The facility is expected to comply based on similar operations. Conditions will be added to the permit to limit spillage and fugitive liquid leaks. Compliance with Rule 61.7 will be verified during inspections, and performance tests will be required on an annual basis in order to verify the vapor recovery systems comply with Rule 61.7.	ATC condition(s):  26, 27,33

**Rule 61.8 – Certification Requirements for Vapor Control Equipment**

<b>Requirement</b>	<b>Explanation:</b>	<b>Condition</b>
<i>No person shall install, provide, sell or sell for use within the County of San Diego a gasoline vapor control system or system component subject to the certification requirements of Division 26, Part 4, Chapter 3, Article 5, of the State of California Health and Safety Code unless it has</i>	Gas: Complies, Phase I vapor recovery system certified per CARB Executive Order VR-102 series and Phase II vapor recovery system certified per CARB EO VR-202 are proposed for gasoline dispensing equipment.	ATC condition(s):  17

been certified by the California Air Resources Board.		
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#### 4.2 New Source Review

##### **Rule 20.1 New Source Review – General Provisions**

This application is subject to District NSR rules. This site is considered a non-major stationary source, for each pollutant, as shown in the Table 4, and is therefore subject to District Rule 20.2. Calculation of emissions and determination of applicable requirements is performed in accordance with District Rule(s) 20.1 through 20.3.

*Table 4: Classification of Major/PSD Source and Modification New Source Review (NSR) Requirements*

	<b>NO<sub>x</sub></b>	<b>VOC</b>	<b>PM-10</b>	<b>SO<sub>x</sub></b>
<i>Major Source Threshold (ton/year)</i>	25	25	100	100
<i>Federal Major Source Threshold (ton/year)</i>	25*	25*	100	100
<i>Major Modification Threshold (ton/year)</i>	25	25	15	50
<b>Major?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>
<b>Contemporaneous Calculations Performed?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>
<b>Major New or Modification?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>
<i>PSD Threshold (ton/year)</i>	250	250	250	250
<i>PSD Modification Threshold (ton/year)</i>	40	40	15	40
<b>PSD New or Modification?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>

\*based on EPA’s ozone nonattainment designation for the San Diego Air Basin in 40 CEF81.305

District Rule 20.2 contains requirements for Best Available Control Technology (BACT), Air Quality Impact Assessment (AQIA), Prevention of Significant Deterioration (PSD) and public notification.

<b>New Source Review Discussion</b>				
<b>Rule/Requirement</b>	<b>Requirement</b>	<b>Applies?</b>	<b>Discussion</b>	<b>Condition(s)</b>
<b>Applicability</b>	Rule 20.2 applies to non-major sources.	Yes	This is not a major source, so rule 20.2 applies.	n/a
<b>Type of application</b>	New installation of a gasoline dispensing station	Yes	Yes. This new installation is intended to replace the existing GDF operations at the same location.	n/a
<b>Exemptions</b>	No exemptions apply to this equipment		n/a	n/a

<b>20.2(d)(1) - BACT</b>				
<b>BACT - NOx</b>	Installation of BACT is required if emissions of NOx exceed 10 lb/day	No	The potential to emit for this pollutant from this equipment does not exceed this trigger level, so BACT is not required.	n/a
<b>BACT - VOC</b>	Installation of BACT is required if emissions of VOC exceed 10 lb/day	Yes	The potential to emit of VOC from this project is 97.84 lbs TOG/day. The emission exceeds the 10 lbs/day limit. The facility proposed to install Phase I and Phase II systems with the new gasoline equipment, which meets both BACT and T-BACT requirements for GDF.	n/a
<b>BACT - PM-10</b>	Installation of BACT is required if emissions of PM-10 exceed 10 lb/day	No	The potential to emit for this pollutant from this equipment does not exceed this trigger level, so BACT is not required.	n/a
<b>BACT - SOx</b>	Installation of BACT is required if emissions of SOx exceed 10 lb/day	No	The potential to emit for this pollutant from this equipment does not exceed this trigger level, so BACT is not required.	n/a
<b>20.2(d)(2) – AQIA</b>				
<b>AQIA - NOx</b>	Required for project emission increases in excess of 25 lb/hr, 250 lb/day or 40 ton/yr of NOx calculated as NO2	No	The increase in emission of this air contaminant from this project does not exceed any of these levels, and AQIA is not required.	n/a
<b>AQIA - PM-10</b>	Required for project emission increases in excess of 100 lb/day or 15 ton/yr of PM-10	No	The increase in emission of this air contaminant from this project does not exceed any of these levels, so no AQIA is required.	n/a
<b>AQIA - SOx</b>	Required for project emission increases in excess of 25 lb/hr, 250 lb/day or 40 ton/yr	No	The increase in emission of this air contaminant from this project does not exceed any of these	n/a

	of SO <sub>x</sub> calculated as SO <sub>2</sub>		levels, so no AQIA is required.	
<b>AQIA - CO</b>	Required for project emission increases in excess of 100 lb/hr, 550 lb/day or 1000 ton/yr of CO	No	The increase in emission of this air contaminant from this project does not exceed any of these levels, so no AQIA is required.	n/a
<b>20.2(d)(3) - PSD</b>	Applicable to source that may have a significant impact on a class I area	n/a	This is not a PSD source and emissions are not expected to impact a class I area	n/a
<b>20.2(d)(4) - Public Notice</b>	Requires 30 day public notice if an AQIA was required or if increase in VOC emissions from the project exceed 250 lb/day or 40 ton/year	n/a	AQIA was not required and VOC emission increase from this project does not exceed these levels.	n/a

#### 4.3 Toxic New Source Review- Rule 1200

*Rule 1200 applies to any new, relocated or modified emission unit which results in any increase in emissions of one or more toxic air contaminant(s), and for which an Authority to Construct or Permit to Operate is required. This rule requires health risks be reviewed to ensure the risks are below:*

- *100 in one million for cancer (with T-BACT installed), and that the*
- *health hazard index is less than 10 from chronic non-cancer and acute toxic air contaminants.*

The installation of a new gasoline dispensing facility will increase the annual VOC emissions. Therefore, the emissions increase from a gasoline station is evaluated for the health risk assessment. The proposed gasoline station is equipped with CARB certified Phase I and Phase II EVR system, which are considered T-BACT.

The annual health risk screening ratio result from the De Minimis analysis exceeded the Rule 1200 risk threshold of 100 in a million. Therefore, a refined HRA is conducted using the conservative increase throughput of 84 million gallon gasoline to evaluate the health risk associate with the gasoline dispensing activities. The results indicate the risk levels are all within the Rule 1200.

Estimated Risk Levels:

Maximum Individual Cancer Risk (residential) = 17.96 in one million < Rule 1200 limit of 100 in a million

Chronic Noncancer Health Hazard Index (Worker) = 0.14 < Rule 1200 limit of 10  
Acute Health Hazard Index (Worker) = 0.57 < Rule 1200 limit of 10

The GDF is equipped with T-BACT and the associated emissions fall within the aforementioned requirements. Therefore, the GDF is subject to the Standards in Rule 1200 §(d) as allowed by the aforementioned subsection (b)(1)(v)(B).

#### 4.4 AB3205 –

AB3205 requires a public notice prior to issuing an Authority to Construct for equipment emitting hazardous air contaminants at a facility within 1000 feet of a school. The facility is within 1000 feet of a K-12 school. Therefore, AB3205 applies, and school notices will be sent out for public commenting on the project.

#### 4.5 NESHAPS AND ATCMs –

**NESHAP:**

*CFR Part 63, Subpart CCCCC, NESHAP for Area Source Categories: Gasoline Dispensing Facilities*

*This NESHAP is applicable to all gasoline dispensing facilities.*

*Date of Promulgation: January 1, 2008*

NESHAP CCCCC outlines management practices to minimize emissions/spillage, equipment specifications and notification requirements.

Gasoline station will be equipped with CARB certified Phase I and Phase II EVR system. Therefore, the Gasoline Dispensing Facility is expected to comply with the NESHAP requirements.

**NSPS:** None

**ATCM:**

*Subchapter 7.5, Section 93101 Benzene Airborne Toxic Control Measure – Retail Service Stations*

Complies, ARB certified Phase I VRS and a Phase II VRS are installed for the new gasoline related equipment.

**CEQA:**

CEQA required Federal, state, and local agencies to analyze and disclose the potential environmental impacts of their decisions, and in the case of CEQA, to minimize significant adverse environmental effects to the extent feasible.

*In California, CEQA was codified under Division 13 of California's Public Resources Code, in sections 21000 et seq. (Cal. Pub. Resources Code, § 21000 et seq.). The Guidelines for Implementation of the California Environmental Quality Act are in Title*

14 of California’s Code of Regulations, section 15000 et seq. (Cal. Code Regs., tit. 14, § 15000 et seq.; hereafter CEQA Guidelines).

**1. What Activities Require Environmental Review?**

**CEQA Requirement:** CEQA applies to projects of all California state, regional or local agencies, but not to Federal agencies. Its purposes are similar to NEPA. They include ensuring informed governmental decisions, identifying ways to avoid or reduce environmental damage through feasible mitigation or project alternatives, and providing for public disclosure (CEQA Guidelines, § 15002, subd. (a)(1)-(4)). CEQA requirements apply to public agency projects including “activities directly undertaken by a governmental agency, activities financed in whole or in part by a governmental agency, or private activities which require approval from a governmental agency” (id. at § 15002, subd. (b)(1)-(2)). CEQA also applies to private projects that involve governmental participation, financing, or approval (id. at §§ 15002, subd. (c) & 15378, subd. (a)(2)).

**2. What Level of Environmental Review is Needed?**

Both NEPA and CEQA require agencies to determine whether a proposed action or project may have a significant impact on the environment, and to determine the appropriate level of environmental review. When NEPA and CEQA apply, agencies must therefore first determine what level of review is required. The agency has the following three options: (1) Categorical Exclusion/Categorical Exemption; (2) Environmental Assessment (EA) and Finding of No Significant Impact (FONSI) (or Mitigated FONSI)/Initial Study (IS)) and Negative Declaration (ND) (or Mitigated Negative Declaration (MND)); or (3) EIS/EIR.

The post-project potential to emit after adding this GDF at the location will be 117.8 pounds of VOC per day, which could trigger CEQA review. To ensure the project is in compliant with CEQA requirements, the District has requested the facility to provide CEQA determination from the lead agency (in this case the City of Vista). The Planning Commission of the City of Vista has determined this project to be exempt from CEQA in accordance with CEQA Guidelines Section 15303 – the New Construction or Conversion of Small Structures. The report stated that the proposed project consists of the relocation of existing fueling operations on the same site. No new commercial buildings are proposed as part of this project. Therefore, the City of Vista has determined that this project is exempt from CEQA requirements. Also the District has determined that the air quality impacts of the project are mitigated by the use of BACT and T-BACT for this project.

4.6 Attachments –  
Attached The Planning Commission Resolution 2023-03 from the City of Vista

4.7 Title V –  
The facility is not a Title V facility.

**5.0 RECOMMENDATION & CONDITIONS**

It is expected that the Gasoline Dispensing Facility shall comply with all the applicable requirements, and it is recommended that Authority to Construct be issued with standard conditions for Costco gasoline dispensing equipment.



## 6.0 RECOMMENDED CONDITIONS

The recommended conditions are combined existing PTO permit conditions from APCD2006-PTO-971289 and Standard ATC conditions.

Conditions from the existing PTO permit:

1	PTO Conds	Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.
2	PTO Conds	This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
3	PTO Conds	The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)
5	PTO Conds	Fuel additive shall be transferred into the gasoline storage tanks as specified in the equipment description of this permit. (Rule 20.2)
6	PTO Conds	Fuel additive shall only be transferred into the gasoline underground storage tanks through an automated pumping system operated in accordance with the manufacturers' instruction/operation manual. (Rule 20.2)
7	PTO Conds	All storage tanks containing gasoline or fuel additive shall be equipped with permanent submerged fill pipes, which have a discharge opening entirely submerged when the liquid level is six (6.0) inches above the bottom of the tank. The District will accept documentation verifying this requirement from the equipment installation contractor or the performance testing contractor in lieu of witnessed measurements taken during performance tests. (Rule 61.3.1)
8	PTO Conds	The Permeator AT-150 shall constantly log oil level, processor on/off condition, vacuum level and tank pressure. (CARB VR-202 Executive Order and Rule 61.4.1)
9	PTO Conds	The Permeator AT-150 Programmable Logic Controller (PLC, display) shall constantly monitor PLC battery level and circuit continuity. (CARB VR-202 Executive Order and Rule 61.4.1)
10	PTO Conds	Except for testing, repairs, or maintenance activities, the Permeator AT-150 shall be operated at all times with the ball valves in the "open" position. The ball valve handles shall either be locked in place or the handles removed and locked inside the Permeator cabinet. (CARB VR-202 Executive Order and Rule 61.4.1)
11	PTO Conds	No dispensing shall be allowed when the vapor collection pump is disabled for maintenance or for any other reason. Only those nozzles affected by the disabled vapor collection pump are subject to this condition.
12	PTO Conds	The hose assembly shall comply with the hose length specified Phase II Executive Order listed in the equipment description of this permit. (Rule 61.4)
13	PTO Conds	When an ISD alarm occurs and gasoline dispensing is terminated, the permittee and/or designated agent shall reset the ISD System to allow vehicle fueling to resume only if: (Rules 61.4.1 and 21) a. All required repairs and tests have been successfully conducted, and all

		<p>information associated with the repairs and tests are recorded in Attachment I the maintenance and repair log, or</p> <p>b. The dispenser(s) associated with the problem that triggered the alarm is isolated and not operated until the required repairs are completed, and all information associated with the repairs is recorded. The time the components are isolated shall be logged immediately.</p>
14	PTO Conds	<p>Only a certified technician as specified in Attachment K of this Permit to Operate shall perform a "clear test after repair" (i.e. clear alarm conditions). The technician shall not perform a "clear test after repair" upon any alarm unless all repairs necessary to correct the alarm condition and/or tests as specified in Attachment A-1 of this Permit to Operate have been successfully performed and recorded in Attachment I, the maintenance and repair log. (Rules 61.4.1 and 21)</p>
15	PTO Conds	<p>The dispensing rate of every grade point shall be maintained at all times within the range specified in the applicable Executive Order, as required to conduct the Vapor-to-Liquid Ratio (V/L) Test. The permittee shall verify the maximum handheld dispensing flow rate of every grade point on a monthly basis. Attachment E, "Dispensing Flow Rate," or an equivalent form, shall be used for this purpose. Dispensing flow rates records shall be maintained on site for at least three (3) years and made available to the District upon request. (Rules 61.4.1)</p>
16	PTO Conds	<p>In the event of any failed test, which does not constitute a defect, the permittee shall make all necessary repairs, reschedule and retest within seven (7) calendar days of the failed test. In the event of any failed test, which does constitute a defect, the permittee shall remove all of the affected components from service until they are successfully retested. Notice of any retest, including the date, time and nature of repairs made, conducted on a subsequent date after the initial test date shall be provided to the District's Compliance Division in writing (e-mail or facsimile are acceptable) as soon as possible and prior to the retest. All retest results shall be reported completely and accurately and submitted to the District Compliance Division within fifteen (15) calendar days of conducting the retest in a format approved by the District Compliance Division. (Rules 61.3, 61.3.1, 61.4 and 61.4.1)</p>

Added standard ATC Cond sets:

Condition sets	Descriptions
APCD2014-CON-000795	Vapor Recovery-General ATC Conditions 100s (17-28)
APCD2014-CON-000796	Vapor Recovery-Maintenance ATC Conditions 200s (29-35)
APCD2014-CON-000797	Vapor Recovery-Piping ATC Conditions 300s (con 36-42)
APCD2014-CON-000794	Vapor Recovery-Phase I ATC Conditions 400s (con 43-48)
APCD2014-CON-000798	Vapor Recovery-ISD ATC Conditions 600s (con 49-60)
APCD2014-CON-000793	Vapor Recovery-Prebackfill ATC Conditions 700s (con 61-64)
APCD2014-CON-000799	Vapor Recovery-Annual Testing ATC Conditions 900s (con 65-67 )

Additional ATC Conds:

4	ATC Conds	New 2	The permittee of the current existing gasoline dispensing facility located at 1755 Hacienda Drive, as per permit APCD2006-PTO-971289, shall cease the existing gasoline operations once the Construction Completion Notice (CCN) for a new gasoline dispensing facility, under permit application APCD2023-APP-007920, has been submitted to the District, and received by the District. At no time, the existing and the new gasoline dispensing facilities shall be conducted gasoline operations concurrently. Gasoline operations include storing gasoline or additive, loading gasoline or additive into underground storage tanks and dispensing gasoline into vehicles. (Rule 1200)
6 8	ATC Conds	NEW00 3	Prior to any deviation of the information submitted on the application forms for this Authority to Construct, the applicant shall submit the proposed changes in writing and request and wait for a written approval from the District. (Rule 21)
6 9	ATC Conds	NEW03 1	Within 30 days of completion of construction and at least fifteen (15) calendar days prior to the proposed test date, the applicant shall contact the undersigned engineer at (858) 586-2600 to schedule a test date.

End of Document