



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

AUTHORITY TO CONSTRUCT

G014970

If construction is not completed by the expiration date of this permit, it may be renewed for one additional year upon payment of applicable fees. Any additional extension will require the written approval of the Air Pollution Control Officer. This Authority to Construct may serve as a temporary Permit to Operate provided the APCO is given prior notice of intent to operate and the Permit to Operate is not specifically denied.

EXPIRES LAST DAY OF: JANUARY 2027

OWNER OF OPERATOR (Co. #3005)

LW Mojave Gas, Inc.
61380 Twentynine Palms Highway
Joshua Tree, CA 92252

EQUIPMENT LOCATION (Fac. #4437)

ACRO AMPM Self Serve Car Wash
14402 Mojave Drive
Victorville, CA 92394

Description:

GASOLINE DISPENSING FACILITY consisting of: Two underground storage tanks (UST), equipped with an OPW Phase I Vapor Recovery System and Phase II Balance system with a Veeder Root Vapor Polisher and Veeder Root In-Station Diagnostics (ISD). There is also one Diesel underground storage tank (UST) with a capacity of 10,000 gallons (exempt from permitting, pursuant to MD Rule 219(E)(15)(c)(iii)). Facility Elevation is 2943 feet above sea level.

FUEL TANKS

Tank No.	Material Stored	Volume (US Gallons)	Above/Underground
1	87U	20,000	Under Ground
2	91U	8,000	Under Ground
3	Diesel	10,000	Under Ground
4	E85	10,000	Under Ground

DISPENSING EQUIPMENT

Fuel Type	Quantity
TPN	16
Diesel	8
E85	4

Fee Schedule: 6 (N/A)

Rating: 52 product-nozzles SIC: 5541

SCC: 40600399

Location/UTM(Km):
467E/3820N

This permit does not authorize the emission of air contaminants in excess of those allowed by law, including Division 26 of the Health and Safety Code of the State of California and the Rules and Regulations of the District. This permit cannot be construed as permission to violate existing laws, ordinances, statutes or regulations of this or other governmental agencies. This permit must be renewed by the expiration date above. If billing for renewal fee required by Rule 301(c) is not received by expiration date above, please contact the District.

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By: **COPY**
Eldon Heaston
Air Pollution Control Officer

VAPOR CONTROL EQUIPMENT

Type	Equipment Name	Compliance
PI	OPW	VR-102
PI	BAL VP	VR-204

CONDITIONS:

1. The owner/operator shall conspicuously post, in the gasoline dispensing area, the operating instructions and the district's toll-free telephone number for complaints (1-800-635-4617).
[District Rule 461 - Gasoline Transfer and Dispensing]
2. The owner/operator shall maintain a log of all inspections; maintenance and repairs (including ISD alarm and failures); and throughput on equipment. Such logs or records shall be maintained at the facility for at least two (2) years and shall be available to the District upon request.
[District Rule 461 - Gasoline Transfer and Dispensing]
3. The District must be notified when installation of all piping and control fittings is completed. Vapor control piping and fittings must remain exposed until the District has inspected the installation or given approval to complete backfill. Notification may be made via phone, or via email request to VaporRecoveryTesting@mdaqmd.ca.gov
[District Regulation XIII - NSR]
4. Any modification or installation involving exposure of underground storage tank and/or associated piping requires that the District be notified via telephone or via email request to VaporRecoveryTesting@mdaqmd.ca.gov at least 24 hours prior to backfilling. Vapor control piping and fittings must remain exposed until the District has inspected the installation or given approval to complete backfill.
[District Rule 461 - Gasoline Transfer and Dispensing, District Regulation XIII - NSR]
5. The District shall be notified via telephone or via email request to VaporRecoveryTesting@mdaqmd.ca.gov for inspection no later than 10-days after completion of backfill, modification and/or installation of all vapor control piping and control fittings. Upon notification, the District will determine if an inspection of vapor control piping is required or approval will be given to commence gasoline dispensing.
[District Rule 204 - Permit Conditions, District Rule 461 - Gasoline Transfer and Dispensing, District Regulation XIII - NSR]
6. The Enhanced Vapor Recovery (EVR), Phase I and II Vapor Recovery System must be tested in accordance with the requirements of CARB Executive Orders, VR-102 and Order VR-204, no later than 60 days after initial startup, and at least once every twelve (12) months using the latest adopted version of the required test procedures.

The District must be notified a minimum of 10 days prior to performing the required tests with the final results submitted to the District within 30 days of completion of the tests. Testing notifications and testing results may be sent to VaporRecoveryTesting@mdaqmd.ca.gov
[District Rule 461 - Gasoline Transfer and Dispensing, Executive Orders VR-102 and VR-204]
7. The combined annual throughput of unleaded gasoline and E85, ethanol blend and gasoline blend, shall not exceed 6,000,000 gallons per year. Throughput records shall be kept on site and available to District personnel upon request, and annual throughput for the previous calendar year shall be provided to the District not later than the end of February of each year. Before this annual throughput can be increased the facility is required to submit to the District an application to modify the permit which may require a Health Risk Assessment (HRA). In addition, public notice and/or a commenting period may be required.
[District Rule 1320 - NSR for Toxic Air Contaminants; District Rule 107(b); H&S Code 39607 & 44341-44342; and 40 CFR 51, Subpart A]
8. Enhanced Vapor Recovery (EVR), 2-Point Phase I Vapor Control Equipment must be installed and maintained in compliance with CARB Executive Order VR-102. The owner or operator shall perform the required maintenance as specified in ARB-Approved Installation and Maintenance Manual for the Phase I Vapor Recovery System, including PV maintenance, as applicable.
[District Rule 461 - Gasoline Transfer and Dispensing, Executive Order VR-102, 40 CFR 63, Subpart CCCCCC]

9. Enhanced Vapor Recovery (EVR), Phase II Vapor Control Equipment, including the ISD system and software, must be installed and maintained in compliance with CARB Executive Order VR-204. The owner or operator shall install, operate and maintain the Phase II Vapor Recovery System including In-Station Diagnostics System as specified in the ARB-approved Installation, Operation and Maintenance Manual for the Phase II Vapor Recovery System including In-Station Diagnostics System.
[District Rule 461 - Gasoline Transfer and Dispensing, Executive Order VR-204, 40 CFR 63, Subpart CCCCCC]

10. ISD equipment must be installed and maintained in compliance with CARB Executive Order VR-204. Within 2 hours of the first warning alarm the facility shall notify the responsible official and log information relating to the alarm. When the alarm condition persists, the ISD system activates a failure alarm and dispensing is terminated. The ISD equipment must not be reset to allow vehicle fueling to resume until the condition causing the alarm is repaired by an authorized person or as otherwise allowed per the most recent version of CARB's ISD System Alarm Response Policy: <https://www.arb.ca.gov/vapor/advisories/adv405d.pdf>

11. Only EVR Phase I products and equipment that are certified for use with ethanol/gasoline blends of up to 85% ethanol shall be used for the storage and Phase I Vapor Recovery of E85 fuel; for a complete list of approved EVR Phase I components, see Exhibit 1 of Executive Order VR-102.
[District Rule 1302]

12. The annual throughput of E85 shall not exceed 1,200,000 gallons per year. To ensure compliance with this requirement, E85 throughput records shall be kept on site, for two-years, and made available to District, State, or Federal personnel upon request.
[Executive Order VR-102 and District Rule 1302]

13. E85 fuel dispensing is exempt from Phase II Vapor Recovery, as there are no CARB Certified systems for E85, and all flex vehicles using E85 are ORVR equipped. As such, E85 fuel dispensing shall have completely separate fuel storage, dispensing systems, and Phase I EVR Systems from the unleaded gasoline systems. Hanging hardware, including hoses, nozzles and breakaways shall be specific to E85 dispensing as evidenced by yellow E85 markers. Additionally, the E85 Phase I system shall be completely separate from that of the unleaded gasoline systems, including vapor recovery piping, vent pipes and PV Valves.
[District Rule 1302]

14. Since E85 fuel storage and dispensing is Exempt from Phase II Vapor Recovery, it is NOT part of the ISD system and therefore monitoring of E85 by ISD is prohibited.
[District Rule 1302]

ATC Only: the owner/operator shall conduct a Tie-Tank Test to ensure that the E85 Tank is NOT manifolded to any of the Unleaded Gasoline Storage Tanks. This test shall be conducted no later than 60 days after initial startup, and at least once every twelve (12) months using the latest adopted version of the required test procedures. The District must be notified a minimum of 10 days prior to performing the required tests with the final results submitted to the District within 30 days of completion of the tests. Testing notifications and testing results may be sent to vaporRecoveryTesting@mdaqmd.ca.gov.
[District Rule 461 - Gasoline Transfer and Dispensing, Executive Orders VR-102 and VR-204]