northwest Clean Air agency
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Original Issuance: September 24, 2021
Revision a: September 20, 2022

Northwest Clean Air Agency (NWCAA) hereby issues Order of Approval to Construct (OAC) 1372a

Project Summary: Replace (3) existing underground storage tanks, product delivery lines and piping with new insulated, double walled ("protected") aboveground storage tanks (ASTs), product delivery lines, and piping at existing Ault Field Naval Exchange Gasoline Station. This permit covers existing 6,000 gallon diesel AST and (3) new ASTs – (2) gasoline, and (1) split compartment gasoline and diesel.

Approved Emission Units:

- New (1) 12,000 gallon Gasoline AST-2929-01 with Stage I EVR
- New (1) 12,000 gallon split compartment AST-2929-02A & B:
  - 4,000 gallon storage of Diesel, and
  - 8,000 gallon storage of Gasoline with Stage I EVR.
- New (1) 10,000 gallon Gasoline AST-2929-03 with Stage I EVR
- Existing (1) 6,000 gallon Diesel AST-2929-04

Owner/Operator	Facility Name and Location
U.S. Navy 1015 W Midway Street Oak Harbor, WA 98277 Contact: Jennifer Stewart, Base Air Program Manager	Ault Field Navy Exchange Gasoline Station, Building 2595 1015 W Midway Street Oak Harbor, WA 98277

Permit History

Upon issuance, this Order supersedes and cancels NWCAA OAC 1372, issued September 24, 2021.

Issuance of this Order is authorized by Northwest Clean Air Agency Regulation Section 300. The Owner/Operator must comply with the following restrictions and conditions[1]:

[1] Nothing in this permit is intended to, or shall, alter or waive any applicable law [including but not limited to defenses, entitlements, challenges or clarifications related to the Credible Evidence Rule, 62 FR 8315 (Feb. 27, 1997)] concerning the use of data for any purpose under the Act, generated by the reference method specified herein or otherwise. Pursuant to Section 300.10 of the NWCAA Regulation and ch 43.21B RCW, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon the NWCAA within 30 days of the date the applicant receives this Order. Additional information regarding appeal procedures can be found at: http://www.eluho.wa.gov/ under PCHB.

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AST 2929-01, -02, & -03

(1) Install, operate, test and maintain Stage I enhanced vapor recovery equipment on gasoline storage tanks/compartments in a vapor tight manner in accordance with one of the following California Air Resources Board (CARB) Executive Orders for AST based on manufacturer: for OPW- VR-401; for Morrison Brothers - VR-402.

(2) Install ASTs designed and equipped with the following standing loss controls (SLCs):

- CARB EVR-certified pressure vacuum vent valve (P/V vent valve), and
- "protected" double-wall tank meeting CARB Executive Order VR-302 (ConVault, SuperVault MH Series, Fireguard, CSI Hoover Vault, or Above Ground Tank AGT Vault).

(3) Inspect reflective coatings on tanks and piping monthly for cracks, chips, peeling, and corrosion. Visible signs of significant damage to paint integrity indicate reduction in SLC necessitating tank and piping repair and repainting. Follow manufacturer instructions on when to take corrective action, how to perform repairs and manufacturer coating specifications when repainting the tank. Record date and results of inspections; record date and extent of any repairs or repainting.

(4) Use low-permeation hoses on all gasoline dispensers at the facility, as listed in CARB Executive Order NVR-1 or as determined by testing in accordance with UL 330 (7th ed) – Underwriters Laboratories' Standard for Hose and Hose Assemblies for Dispensing Flammable Liquids. Replace hoses according to manufacturer's recommendations or when excessive damage occurs to prevent gasoline leaks or spills. Keep dates and records of hose replacements.

(5) Every calendar year conduct and pass tests of the Stage I vapor recovery system for each gasoline AST/compartment using the latest version of CARB test procedure, TP-206.3 – Determination of Static Pressure Performance of Vapor Recovery Systems at Gasoline Dispensing Facilities Using Above-Ground Storage Tanks. Keep results on site and readily available for inspection by NWCAA.

(6) Every calendar year test the P/V vent valve on each gasoline AST/compartment using the latest version of CARB test procedure TP-201.1E – Leak Rate and Cracking Pressure of Pressure/Vacuum Vent Valves. Keep results on site and readily available for inspection by NWCAA.

(7) Notify NWCAA within 24 hours of any failed CARB Executive Order compliance tests, if the defective equipment cannot be repaired or replaced by the person conducting the test on the day of the test.

If the defective equipment cannot be repaired within 14 calendar days of failing a test, suspend receipt and dispensing of gasoline from the defective equipment until the owner or operator can repair and retest defective equipment and all required compliance tests have been passed, not including any operation of the equipment necessary to conduct a retest.

(8) Do not handle gasoline in a manner that would result in vapor releases to the atmosphere for extended periods of time. Take measures to include, but are not limited to, the following:

(A) Minimize gasoline spills;

(B) Clean up spills as expeditiously as practicable;

(C) Cover all open gasoline containers and all gasoline storage tank/compartment fill-pipes with a gasketed seal when not in use;

(D) Equip and operate all gasoline tank/compartment vent pipes at the GDF with properly functioning pressure vacuum vent caps;

(E) Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.

Crystal Rau
Air Quality Scientist

Agata McIntyre, P.E.
Engineering Manager

Revision a: Replace storage of E85 with diesel in what was AST 2595-08, but is now listed as AST-2929-04 and replace gasoline dispensers with new gasoline dispensers using low-permeation hoses.