northwest Clean Air agency
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Original Issuance: December 13, 2021
Revision a: July 12, 2022

Northwest Clean Air Agency (NWCAA) hereby issues Order of Approval to Construct (OAC) 1378a

Project Summary: Replace (4) existing underground storage tanks (USTs), product delivery lines and piping at Government Fleet Gas Station with above ground storage tanks (ASTs).

Approved Emission Units:

- (2) New 10,000 gallon Gasoline ASTs (AST-2622-01 and AST-2623-01) with Standing Loss Controls (SLCs) and equipped with Stage I Enhanced Vapor Recovery (EVR)

Owner/Operator	Facility Name and Location
U.S. Navy, Naval Air Station Whidbey Island 1115 W. Lexington Street, B103 Oak Harbor, WA 98277 Contact: Jennifer Stewart, Base Air Program Manager	Government Fleet Gas Station Ault Field, Bldg 2622 and 2623 Oak Harbor, WA 98277

Permit History

- Upon issuance, this Order supersedes OAC 1378, issued December 13, 2021.

Note that in addition to other applicable rules and regulations, one or more of the approved emission units are subject to applicable portions of the following federal regulations:

NWCAA Regulations

- NWCAA Section 580.6 Gasoline Dispensing Facilities

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

[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.

- California Air Resource Board (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).

(2) Install, operate, test and maintain Stage I EVR equipment in a vapor tight manner in accordance with CARB Executive Order VR-402.

(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) Within 60 days after the date of first dispensing gasoline, and every three years thereafter, conduct and pass tests of the Stage I vapor recovery system for each AST 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) Within 60 days after the date of first dispensing gasoline from a dispenser, and thereafter according to the frequency listed in the table below, test the P/V vent valve on each AST 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.

CY Throughput Threshold	P/V Vent Valve Testing Frequency
less than 119,999 gal/yr	Every 5 calendar years
120,000 to 1,200,000 gal/yr	Every 3 calendar years
greater than 1,200,000 gal/yr	Every calendar year

Once a more stringent throughput testing frequency threshold has been triggered, that becomes the new required testing frequency, regardless of whether the gasoline throughput later falls below the applicable throughput threshold. 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 fill-pipes with a gasketed seal when not in use;

(D) Equip and operate all gasoline tank 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.

(9) Provide written notice to NWCAA within 7 days after first dispensing gasoline from the new ASTs at the facility and include a reference to OAC 1378.

Crystal Rau

Crystal Rau
Air Quality Scientist

C.S. Christy, P.E.

for Agata McIntyre, P.E.
Engineering Manager

Revision a: Replace CARB EO VR-401 with CARB EO VR-402. Correct address.