

STATE OF NEVADA
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL PROTECTION – BUREAU OF AIR POLLUTION CONTROL

Director's Review and Preliminary Determination of Permit Issuance for

**Department of the Army
Hawthorne Army Depot (HWAD)
Mineral County, Nevada
October 17, 2025**

The Department of the Army, Hawthorne Army Depot (HWAD) submitted an application for an administrative renewal of Class I Air Quality Operating Permit (AQOP) AP9711-0863, FIN A0022, for the HWAD facility in Mineral County, Nevada. The project is located along U.S. Route 95 North, one mile north of Hawthorne, Nevada, in all or portions of the following: Section 1, T 7 N, R 28 E; Sections 5 & 6, T 7 N, R 29 E; Sections 1, 2, & 3, all but ¼ of the Northwest ¼ of 4, 9 through 16, Eastern ¼ of 21, 22 through 26, ¾ of 27, ¾ of 35, 36, T 7 N, R 30 E; Sections 2 through 11, 14 through 35, T 7 N, R 31 E; Sections 1 through 3, East ½ of 10, 11 through 14, 1/4 of Northeast ¼ of 15, 23 through 25, Northeast ¼ of the Southeast ¼ of 26, 36, T 8 N, R 28 E; Sections 1 through 33, T 8 N, R 29 E; Sections 1 through 14, East ½ of 15, Northern ½ of 16, 17 through 20, ¾ of 21, Northeast ¼ of 22, 23 through 25, ¾ of 26, 29 through 30, ¾ of 34, 34 through 36, T 8 N, R 30 E; Section 1 through 23, 26 through 35, T 8 N, R 31 E; South ½ of Section 10, Sections 11 through 15, 22 through 27, 34 through 36, T 9 N, R 28 E; Sections 1 through 4, Eastern ½ of 5, 7, Western ½ of 8, 9 through 15, Eastern ½ of 16, 17 through 36, T 9 N, R 29 E; Sections 25 through 36, T 9 N, R 30 E; & Section 31, T 9 N, R 31 E, M.D.B.&M. HWAD is a 144,441-acre compound with operations supporting handling, storage, shipment, destruction, and related testing of military ammunition, weapons, and materials.

HWAD is proposing to renew their AQOP in this permit action. Additionally, typographical errors in the current permit under Systems 22 (S2.039), 26 (S2.043), 32 (S2.049), and 35 (S2.052) were corrected. The throughput limit under System 61 (S2.084) was decreased due to changes in the cutting speed of the unit but did not result in any changes in the emission limits. Finally, the federal subpart reference under Section IV.A.V.6.a(1) of the AQOP has been updated.

The Nevada Division of Environmental Protection – Bureau of Air Pollution Control (BAPC) has reviewed the application for the above-referenced operating permit and has made a preliminary determination to issue the operating permit. The facility-wide Potential to Emit (PTE), including emissions from Non-Permit equipment are given in the table below.

	<i>Department of the Army, Hawthorne Army Depot (HWAD)</i> <i>Potential to Emit (PTE)</i>		
	Pollutant		Facility-Wide (tons/year)
Current emissions estimates indicate HWAD is a Class I (Title V) Source, as emissions of one or more criteria pollutant are less than 250 tons per year (TPY). HWAD is classified as an area source of HAPs as the PTE for a single HAP is less than 10 TPY and combined HAPs are less than 25 TPY.	PM	Particulate Matter	34.7
	PM₁₀	Particulate Matter ≤ 10 microns in diameter	26.7
	PM_{2.5}	Particulate Matter ≤ 2.5 microns in diameter	21.1
	SO₂	Sulfur Dioxide	72.0
	NO_x	Oxides of Nitrogen	249.0
	CO	Carbon Monoxide	68.2
	VOC	Volatile Organic Compounds	26.4
	Pb	Lead	0.083
	Hg	Mercury	0.021
	HAP (single)	Hazardous Air Pollutants	< 10
	HAPs (all)	Hazardous Air Pollutants	< 25
	GHG (CO_{2e})	Greenhouse Gases (Carbon Dioxide Equivalent)	61,980.1

The project is located in Air Quality Hydrographic Area (HA) 110C of the Walker Lake Valley/Whiskey Flat-Hawthorne Sub-Area. HA 110C is not a triggered basin for an increment analysis. HWAD will be subject to 40 CFR Part 60 Subpart Dc, 40 CFR Part 60 Subpart OOO, 40 CFR Part 60 Subpart IIII, 40 CFR Part 60 Subpart JJJJ, 40 CFR Part 63 Subpart JJJJJJ, 40 CFR Part 63 Subpart EEE, 40 CFR Part 63 Subpart ZZZZ, and 40 CFR Part 63 Subpart CCCCCC.

Air dispersion modeling conducted by the applicant and the Nevada Division of Environmental Protection – Bureau of Air Quality Planning (BAQP) demonstrates that continued operation of HWAD will not violate any air quality standard. Prevention of Significant Deterioration (PSD) review is not triggered for this permit action. No adverse air quality impacts are anticipated as a result of the proposed action. HWAD shall comply with all State and Federal air quality requirements and all conditions established within the proposed draft operating permit.