

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

**Lithium Nevada LLC
Western Quarry Project
Humboldt County, Nevada
September 11, 2026**

Lithium Nevada LLC (LiNV) submitted an application for a new Class II Air Quality Operating Permit, AP1422-5135, FIN A2772, for the Western Quarry Project facility in Humboldt County, Nevada. The project is located in Humboldt County, Nevada, approximately 50 miles northwest of the town of Winnemucca, in all or portions of Sections 1, 12 and 13, Township 42N, Range 32E, and in all or portions of Sections 6 and 7, Township 42N, Range 33E, M.D.B.&M.

The Western Quarry Project will include the development of a limestone quarry consisting of quarry operations and support activities. The project will include an open pit quarry, an overburden storage pile, a crusher stockpile, a mobile crushing and screening plant, and ancillary facilities that will be used to support the quarry operations.

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.

Current emissions estimates indicate LiNV is a <i>Class II source</i> , because the facility-wide PTE for any individual regulated pollutant is <i>less</i> than 100 tons per year.	<i>Western Quarry Project Potential to Emit (PTE)</i>		
	Pollutant		New (tons/year)
	PM	Particulate Matter	50.4
	PM ₁₀	Particulate Matter ≤ 10 microns in diameter	18.5
	PM _{2.5}	Particulate Matter ≤ 2.5 microns in diameter	3.17
	SO ₂	Sulfur Dioxide	0.31
	NO _x	Oxides of Nitrogen	12.7
	CO	Carbon Monoxide	68.2
	VOC	Volatile Organic Compounds	4.65
	Pb	Lead	0
	HAP (single)	Formaldehyde	0.073
	HAPs (all)	Hazardous Air Pollutants	0.26

The project is located in Air Quality Hydrographic Area (HA) 29 of the Pine Forest Valley. HA 29 is not a triggered basin for an increment analysis. LiNV will be subject to Subpart OOO—Standards of Performance for Nonmetallic Mineral Processing Plants, Title 40 Part 60 Subpart IIII—Standards of Performance for Stationary Compression Ignition Internal Combustion Engines, Title 40 Part 63 Subpart ZZZZ—National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, and Subpart CCCCCC—National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities.

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 LiNV, will not violate any air quality standard.

LiNV must comply with all State and Federal air quality requirements and all conditions established within the proposed draft Class II Air Quality Operating Permit.