

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**

**QLM Pamlico, LLC  
Pamlico Mine  
Mineral County, Nevada  
September 18, 2023**

QLM Pamlico, LLC (QLM) submitted an application for a new Class II Air Quality Operating Permit, AP1041-4564, FIN A2495, for the Pamlico Mine facility in Mineral County, Nevada. The project is located approximately 15 miles southeast of Hawthorne, NV, in all or portions of Sections 12, 13, and 24, Township 7N, Range 31E, M.D.B.&M and Sections 7, 18, 19, and 30, Township 7N, Range 32E, M.D.B.&M.

QLM Pamlico, LLC mines gold ore at the Pamlico Underground Mine. An on-site Waste Rock Facility is planned for the site

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 QLM 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>Pamlico Mine's Potential to Emit (PTE)</i>		
	Pollutant		Facility-Wide (tons/year)
	<b>PM</b>	Particulate Matter	1.35
	<b>PM<sub>10</sub></b>	Particulate Matter ≤ 10 microns in diameter	1.35
	<b>PM<sub>2.5</sub></b>	Particulate Matter ≤ 2.5 microns in diameter	1.35
	<b>SO<sub>2</sub></b>	Sulfur Dioxide	1.26
	<b>NO<sub>x</sub></b>	Oxides of Nitrogen	19.06
	<b>CO</b>	Carbon Monoxide	4.11
	<b>VOC</b>	Volatile Organic Compounds	1.55
	<b>HAP (single)</b>	Hazardous Air Pollutants	< 10
	<b>HAPs (all)</b>	Hazardous Air Pollutants	0.017

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. QLM will be subject to 40 CFR Part 63 Subpart ZZZZ.

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 QLM, will not violate any air quality standard.

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