

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

**Walker Lane Minerals Corporation
Isabella Pearl Mine
Mineral County, Nevada
March 3, 2025**

Walker lane Minerals Corporation – Isabella Pearl Mine (Isabella Pearl) submitted an application for a revised Class II Air Quality Operating Permit, AP1041-3853.01, FIN A2039, for the Isabella Pearl facility in Mineral County, Nevada. The project is located north-east of Hawthorne, Nevada, approximately 0.5 miles from State Route 361, in all or portions of Sections 27, 34, and 35, Township 9N, Range 34E, M.D.B. & M and Section 3, Township 8N, Range 34E, M.D.B. & M.

Isabella Pearl is a gold recovery operation. The Class II permit covers the crushing and screening operations along with the power generation and laboratory equipment. Isabella Pearl is proposing to combine Systems 1 and 2 into one emission source, remove water sprays and add water sprays to multiple systems, and increase the throughput of multiple systems. Isabella Pearl also added two prill silos to the insignificant activities list and a radial stacker to System 10.

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>Isabella Pearl Potential to Emit (PTE)</i>			
	Pollutant		Revision Net Change (tons/year)	Facility-Wide (tons/year)
	Current emissions estimates indicate Isabella Pearl is a <i>Class II source</i> , because the facility-wide PTE for any individual regulated pollutant is less than 100 tons per year.	PM	Particulate Matter	35.8
PM₁₀		Particulate Matter ≤ 10 microns in diameter	18.3	37.5
PM_{2.5}		Particulate Matter ≤ 2.5 microns in diameter	4.83	9.00
SO₂		Sulfur Dioxide	-1.58	0.14
NO_x		Oxides of Nitrogen	-5.40	93.4
CO		Carbon Monoxide	3.20	22.1
VOC		Volatile Organic Compounds	-3.19	2.78
Pb		Lead	0.00	0.00
HAP (single)		Hazardous Air Pollutants	< 10	< 10
HAPs (all)		Hazardous Air Pollutants	< 10	< 10

The project is located in Air Quality Hydrographic Area (HA) 121A of the Soda Springs Valley/Eastern Part. HA 121A is not a triggered basin for an increment analysis. Isabella Pearl will be subject to 40 CFR Part 60 Subpart LL, 40 CFR Part 60 Subpart IIII, and 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 Isabella Pearl, will not violate any air quality standard.

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