

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

**Nevada Gold Mines LLC
Western 102 Power Plant
Storey County, Nevada
March 20, 2026**

Nevada Gold Mines LLC (NGM) submitted an application for a renewal of Class I Air Quality Operating Permit AP 4911-2189, FIN A0016, for the Western 102 Power Plant facility in Storey County, Nevada. The project is located approximately 25 kilometers east of Reno, NV at the Reno-Tahoe Industrial Complex, in all or portions of Sections 33 and 34, Township 20N, Range 22E, M.D.B.&M.

NGM is proposing to renew their existing Class I AQOP in this permit action. NGM operates the Western 102 Power Plant facility, which consists of 14 Wartsila 20V34SG four stroke lean-burn pipeline quality natural gas burning engines that turn generators to develop power. Additionally, the facility has a 170 hp Detroit Diesel Emergency Generator.

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>Western 102 Power Plant Potential to Emit (PTE)</i>			
	Pollutant	Facility-Wide (tons/year)	
Current emissions estimates indicate NGM is a Class I (Title V) Source, as emissions of one or more criteria pollutant are less than 250 tons per year (TPY). NGM 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	158.60
	PM₁₀	Particulate Matter ≤ 10 microns in diameter	158.60
	PM_{2.5}	Particulate Matter ≤ 2.5 microns in diameter	158.60
	SO₂	Sulfur Dioxide	40.50
	NO_x	Oxides of Nitrogen	106.98
	CO	Carbon Monoxide	152.36
	VOC	Volatile Organic Compounds	149.52
	Pb	Lead	0
	Hg	Mercury	0
	HAP (single)	Hazardous Air Pollutants	<10
	HAPs (all)	Hazardous Air Pollutants	23.73
	GHG (CO_{2e})	Greenhouse Gases (Carbon Dioxide Equivalent)	629,077.85

The project is located in Air Quality Hydrographic Area (HA) 83 of the Tracy Segment. HA 83 is designated as PSD and is triggered for PM₁₀, SO₂, and NO_x. NGM will be subject to 40 CFR Part 60 Subpart ZZZZ for System 01 (S2.001 through S2.014) and System 02 (S2.015).

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 NGM 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. NGM shall comply with all State and Federal air quality requirements and all conditions established within the proposed draft operating permit.