

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

**Knox Excavating, Inc.
Painted Rock Mine
Douglas County, Nevada
October 6, 2025**

Knox Excavating, Inc. (Knox.) submitted an application for a new Class II Air Quality Operating Permit, AP1442-4782, FIN A2342, for the Painted Rock Mine facility in Douglas County, Nevada. The project is located 6 miles East of US 395 on Sunrise Pass Road, in Minden, NV, in all or portions of Section 6, Township 13, Range 21, M.D.B.&M.

Currently Knox is operating a temporary screening operation at the Painted Rock Mine location. This permitting action will allow Knox to operate at the Painted Rock Mine under a new, Class II Stationary Air Quality Operating Permit. The facility will include both crushing and screening equipment.

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 Knox. 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>Painted Rock Mine Potential to Emit (PTE)</i>		
	Pollutant		Facility-Wide (tons/year)
	PM	Particulate Matter	17.78
	PM₁₀	Particulate Matter ≤ 10 microns in diameter	7.22
	PM_{2.5}	Particulate Matter ≤ 2.5 microns in diameter	1.94
	SO₂	Sulfur Dioxide	5.06
	NO_x	Oxides of Nitrogen	18.12
	CO	Carbon Monoxide	20.55
	VOC	Volatile Organic Compounds	5.85
	Pb	Lead	0.00
	HAPs (all)	Hazardous Air Pollutants	0.066

The project is located in Air Quality Hydrographic Area (HA) 105 of the Carson Valley. HA 105 is not a triggered basin for an increment analysis. Knox. will be subject to 40 CFR Part 60 Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants, 40 CFR Part 60 Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines, 40 CFR 63 Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.

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 Knox., will not violate any air quality standard.

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