

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 Building Supply, LLC
3355 Pit Road Aggregate Facility
Humboldt County, Nevada
October 29, 2024**

Nevada Building Supply, LLC (NBS) submitted an application for a new Class II Air Quality Operating Permit, AP1442-4693, FIN A1067, for the 3355 Pit Road Aggregate Facility in Humboldt County, Nevada. The project is located 9 miles North of Winnemucca, on U.S. Highway 95 in all or portions of Sections 9 and 10, Township 37 N, Range 38 E, M.D.B.&M.

Nevada Building Supply, LLC proposes to operate a 400 ton/hour aggregate crushing and screening plant. Aggregate is loaded onto a portable screen plant. Oversize material is transferred to an oversize stockpile and a portable crusher plant. Crushed aggregate is re-cycled back to the screen plant. The main product is conveyed from the screen plant to a radial stacker and then to the product stockpile. Water sprays will be used to control dust.

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>NBS Potential to Emit (PTE)</i>		
	Pollutant	Facility-Wide (tons/year)	
Current emissions estimates indicate NBS 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.	PM	Particulate Matter	14.13
	PM₁₀	Particulate Matter ≤ 10 microns in diameter	5.17
	PM_{2.5}	Particulate Matter ≤ 2.5 microns in diameter	0.79
	SO₂	Sulfur Dioxide	N/A
	NO_x	Oxides of Nitrogen	N/A
	CO	Carbon Monoxide	N/A
	VOC	Volatile Organic Compounds	N/A
	Pb	Lead	N/A
	HAP (single)	Hazardous Air Pollutants	N/A
	HAPs (all)	Hazardous Air Pollutants	N/A

The project is located in Air Quality Hydrographic Area (HA) 69 of the Paradise Valley. HA 69 is not a triggered basin for an increment analysis. NBS will be subject to 40 CFR 60 Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants.

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 NBS, will not violate any air quality standard.

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