

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

**3D Concrete LLC
Dayton Pit
Lyon County, Nevada
November 7, 2025**

3D Concrete LLC (3D Concrete) submitted an application for a renewal Class II Air Quality Operating Permit, AP1442-3436.01, FIN A1735, for the Dayton Pit facility in Lyon County, Nevada. The project is located at 75 Old Como Road, Dayton, Nevada 89403, in all or portions of Section 24, Township 16N, Range 21E, M.D.B.&M.

This permit action includes a renewal of Class II Air Quality Operating Permit No. AP1442-3436.01 consisting of Systems 10 through 15 (PF1.023 through PF1.036), Systems 18 through 23 (S2.003 through S2.008), and an insignificant activity IA1.001. The facility is a construction sand and gravel facility. The Dayton Pit is a source of sand and gravel used in landscaping and construction jobs for homeowners and contractors.

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 3D Concrete is a <i>Class II source</i> , because the facility-wide PTE for any individual regulated pollutant is less than 100 tons per year.	<i>Dayton Pit Potential to Emit (PTE)</i>		
	Pollutant		Facility-Wide (tons/year)
	PM	Particulate Matter	4.25
	PM ₁₀	Particulate Matter ≤ 10 microns in diameter	2.13
	PM _{2.5}	Particulate Matter ≤ 2.5 microns in diameter	1.13
	SO ₂	Sulfur Dioxide	0.89
	NO _x	Oxides of Nitrogen	13.51
	CO	Carbon Monoxide	2.91
	VOC	Volatile Organic Compounds	1.10
	Pb	Lead	0.00
	HAP (single)	Hazardous Air Pollutants	0.002
	HAPs (all)	Hazardous Air Pollutants	0.01

The project is located in Air Quality Hydrographic Area (HA) 103 of the Dayton Valley. HA 103 is not a triggered basin for an increment analysis. 3D Concrete will be subject to NESHAPS 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 3D Concrete, will not violate any air quality standard.

3D Concrete must comply with all State and Federal air quality requirements and all conditions established within the proposed draft Class II Air Quality Operating Permit.