

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**

**CAS Development/3D Concrete LLC  
Dayton Materials  
Lyon County, Nevada  
April 1, 2026**

CAS Development/ 3D Concrete LLC (CAS) submitted an application for a revised Class II Air Quality Operating Permit, AP1442-0823.01, FIN A0432, for the Dayton Materials facility in Lyon County, Nevada. The project is located in Dayton, in all or portions of Sections 23 and 24, Township 16N, Range 21E, M.D.B.&M. From Carson City, drive east on HWY50 towards Dayton. Turn right on Dayton Valley Road and right again on Ricci Road.

CAS is requesting to add a “Closed Loop System” to the facility. The addition of the “Closed Loop System” will result in revising the unit description for PF1.067 (System 41). This revision will also result in the addition of System 48 (PF1.077 – 3-Deck Cedar Rapids Screen 6’ x 20’ [In from Conveyor C-30 or Conveyor C-42; Out to Conveyor C-31, Conveyor C-40, or Temporary Oversize Storage Stockpile]), and System 49 (PF1.078 – Conveyor C-40 transfer to Conveyor C-41)

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>Dayton Materials Potential to Emit (PTE)</i>			
	<b>Pollutant</b>		<b>Revision Net Change (tons/year)</b>	
			<b>Facility-Wide (tons/year)</b>	
Current emissions estimates indicate CAS 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.	<b>PM</b>	Particulate Matter	6.30	39.57
	<b>PM<sub>10</sub></b>	Particulate Matter ≤ 10 microns in diameter	2.28	14.56
	<b>PM<sub>2.5</sub></b>	Particulate Matter ≤ 2.5 microns in diameter	0.35	2.20
	<b>SO<sub>2</sub></b>	Sulfur Dioxide	0.00	0.00
	<b>NO<sub>x</sub></b>	Oxides of Nitrogen	0.00	0.00
	<b>CO</b>	Carbon Monoxide	0.00	0.00
	<b>VOC</b>	Volatile Organic Compounds	0.00	0.017
	<b>Pb</b>	Lead	0.00	0.00
	<b>HAPs (all)</b>	Hazardous Air Pollutants	0.00	0.00

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. Dayton Materials will be subject to 40 CFR Part 60 Subpart OOO and 40 CFR Part 63 Subpart CCCCC.

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 CAS, will not violate any air quality standard.

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