

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 Company LLC
Dayton Aggregates
Lyon County, Nevada
October 8, 2025**

CAS Development Company LLC (CAS) submitted an application for a revised Class II Air Quality Operating Permit, AP1442-0823.05, FIN A0432, for the Dayton Aggregates 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 proposing to edit unit descriptions for PF1.001, PF1.002, PF1.004 through PF1.010, PF1.012, PF1.014, PF1.018, PF1.020 through PF1.022, PF1.027 through PF1.030, PF1.035 and PF1.036, PF1.039, PF1.040, PF1.045 through PF1.047, PF1.050 through PF1.052, and PF1.055, while removing PF1.003, PF1.011, PF1.013, PF1.015 through PF1.017, PF1.019, PF1.023 through PF1.026, PF1.031 through PF1.034, PF1.037, PF1.038, PF1.041 through PF1.044, PF1.048, PF1.049, PF1.053, PF1.054, and PF1.056. CAS is also adding new units PF1.057 through PF1.076, S2.001, IA1.002, and IA1.003.

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 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.	<i>Dayton Aggregates Potential to Emit (PTE)</i>			
	Pollutant		Revision Net Change (tons/year)	Facility-Wide (tons/year)
	PM	Particulate Matter	-20.3	33.27
	PM ₁₀	Particulate Matter ≤ 10 microns in diameter	-7.34	12.28
	PM _{2.5}	Particulate Matter ≤ 2.5 microns in diameter	-1.11	1.86
	SO ₂	Sulfur Dioxide	0.00	0.00
	NO _x	Oxides of Nitrogen	0.00	0.00
	CO	Carbon Monoxide	0.00	0.00
	VOC	Volatile Organic Compounds	-0.0035	0.017
	Pb	Lead	0.00	0.00
	HAPs (all)	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. CAS 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.