

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 Department of Corrections
Northern Nevada Correctional Center
Carson City County, Nevada
February 25, 2025**

Nevada Department of Corrections – Northern Nevada Correctional Center (NDOC-NNCC) submitted an application for a revised Class II Air Quality Operating Permit, AP9223-2093.03, FIN A0670A, for the NDOC-NNCC facility in Carson City County, Nevada. The project is located at 1721 Snyder Avenue, Carson City, Nevada. The project is located in all or portions of Section 4, Township 14N, Range 20E, M.D.B.&M.

NDOC-NNCC operates a prison facility. This permit action seeks to remove all currently permitted units, which includes 4 boilers and 2 fuel storage tanks, while adding 6 boilers and 2 fuel storage tanks. There are also several non-permitted emission units associated with NDOC-NNCC which have been added, removed, or updated. These changes result in an overall reduction in PM, PM₁₀, PM_{2.5}, SO₂, NO_x, CO, and VOC emissions.

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>NDOC-NNCC Potential to Emit (PTE)</i>			
	Pollutant	Revision Net Change (tons/year)	Facility-Wide (tons/year)	
Current emissions estimates indicate NDOC-NNCC 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	-0.39	1.37
	PM₁₀	Particulate Matter ≤ 10 microns in diameter	-0.39	1.37
	PM_{2.5}	Particulate Matter ≤ 2.5 microns in diameter	-0.39	1.37
	SO₂	Sulfur Dioxide	-0.0090	0.16
	NO_x	Oxides of Nitrogen	-5.14	19.3
	CO	Carbon Monoxide	-4.19	14.7
	VOC	Volatile Organic Compounds	-0.12	1.59
	HAPs (all)	Hazardous Air Pollutants	1.89	2.30

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. NDOC-NNCC will be subject to 40 CFR Part 63 Subpart CCCCC, NESHAP for National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities.

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 NDOC-NNCC, will not violate any air quality standard.

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