

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**

**Vantage Data Centers NV11, LLC  
Vantage NV1  
Storey County, Nevada  
August 20, 2025**

Vantage Data Centers NV11, LLC (VDC) submitted an application for a new Class II Air Quality Operating Permit, AP7374-4749, FIN A2540, for the Vantage NV1 facility in Storey County, Nevada. The project is located in the Tahoe-Reno Industrial Center, southeast of the intersection of USA Parkway and Electric Avenue in McCarran, Nevada, in all or portions of Section 35, Township 19N, Range 22E, and portions of Section 2, Township 20N, Range 22E, M.D.B.&M.

Vantage Data Centers is proposing to construct and operate a data center Facility in McCarran, Storey County, Nevada. The data center will be equipped with eighty-eight identical Tier 2 diesel emergency generators, two identical Tier 3 diesel emergency fire pump generators, and one Tier 3 diesel emergency generator as well as their associated diesel storage tanks. These generators would provide electricity for the Facility in the event of an emergency and would be operated for routine testing and maintenance events.

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 VDC 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.	Vantage Data Centers NV11, LLC <i>Potential to Emit (PTE)</i>			
	Pollutant		New (tons/year)	Facility-Wide (tons/year)
	PM	Particulate Matter	1.25	1.25
	PM <sub>10</sub>	Particulate Matter ≤ 10 microns in diameter	1.25	1.25
	PM <sub>2.5</sub>	Particulate Matter ≤ 2.5 microns in diameter	1.25	1.25
	SO <sub>2</sub>	Sulfur Dioxide	0.22	0.22
	NO <sub>x</sub>	Oxides of Nitrogen	76.3	76.3
	CO	Carbon Monoxide	14.5	14.5
	VOC	Volatile Organic Compounds	4.57	4.57
	Pb	Lead	0.00	0.00
	HAP (single)	Hazardous Air Pollutants	0.047	0.047
	HAPs (all)	Hazardous Air Pollutants	1.99	1.99

The project is located in Air Quality Hydrographic Area (HA) 83 of the Tracy Segment. HA 083 is designated as PSD and is triggered for SO<sub>2</sub>, NO<sub>x</sub>, and PM<sub>10</sub>. VDC will be subject to Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines and Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.

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 VDC, will not violate any air quality standard.

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