

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

**Tesla, Inc.
Storey County, Nevada
January 27, 2025**

Tesla, Inc. (Tesla) submitted an application for a new Class I Air Quality Operating Permit to Construct (OPTC), AP3692-4630, FIN A1768A, for the Tesla facility in Storey County, Nevada. The project is located at 1 Electric Avenue, Sparks, NV 89434, in all or portions of Sections 5 – 8, Township 19N, Range 23E, M.D.B.&M.

Tesla is building a high-volume heavy-duty truck manufacturing facility. Semi-truck manufacturing activities will include a series of processes to assemble cab and battery enclosure components, preparing drive unit (rotor and drive axle) components, and battery module assembly followed by general assembly of the final semi-truck.

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>Tesla, Inc. Potential to Emit (PTE)</i>			
	Pollutant	New OPTC (tons/year)	Facility Wide (tons/year)	
Current emissions estimates indicate Tesla is a Class I Major Stationary Source, as emissions of one or more criteria pollutant are greater than 250 tons per year (TPY). Tesla is classified as a major source of HAPs as the PTE for the combined HAPs are greater than 25 TPY.	PM	Particulate Matter	4.61	17.3
	PM₁₀	Particulate Matter ≤ 10 microns in diameter	4.61	17.3
	PM_{2.5}	Particulate Matter ≤ 2.5 microns in diameter	4.61	17.3
	SO₂	Sulfur Dioxide	0.13	2.93
	NO_x	Oxides of Nitrogen	22.1	41.4
	CO	Carbon Monoxide	18.6	58.1
	VOC	Volatile Organic Compounds	1.22	253.8
	Pb	Lead	0.00	0.00
	HAP (single)	Hazardous Air Pollutants	< 10	< 10
	HAPs (all)	Hazardous Air Pollutants	0.42	27.3
	GHG (CO_{2e})	Greenhouse Gases (Carbon Dioxide Equivalent)	2,811.5	100,951.4

The project is located in Air Quality Hydrographic Area (HA) 83 of the Tracy Segment. HA 83 is designated as PSD and is triggered for NO₂, PM₁₀, and SO₂. Tesla is not subject to any federal regulations.

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 Tesla, after equipment associated with the OPTC is constructed, will not violate any air quality standard.

Tesla must comply with all State and Federal air quality requirements and all conditions established within the proposed draft OPTC.