

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
November 25, 2024**

Tesla, Inc. (Tesla) submitted an application for a new Class I Air Quality Operating Permit to Construct (OPTC), AP3692-4647, 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, Sections 1 and 12, Township 19N, Range 22E, Section 36, Township 20N, Range 22E M.D.B.&M.

Tesla is building a high-volume battery manufacturing facility. The battery manufacturing facility will produce lithium-ion batteries. The battery manufacturing techniques, technologies and equipment are of proprietary design.

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)	
Current emissions estimates indicate Tesla is a Class I major source, as emissions of one or more criteria pollutant are less than 100 tons per year (TPY). Tesla is classified as an area source of HAPs as the PTE for a single HAP is less than 10 TPY and combined HAPs are less than 25 TPY.	PM	Particulate Matter	8.75
	PM₁₀	Particulate Matter ≤ 10 microns in diameter	8.75
	PM_{2.5}	Particulate Matter ≤ 2.5 microns in diameter	8.75
	SO₂	Sulfur Dioxide	0.49
	NO_x	Oxides of Nitrogen	17.7
	CO	Carbon Monoxide	33.3
	VOC	Volatile Organic Compounds	12.6
	Pb	Lead	0.00
	HAP (single)	Hazardous Air Pollutants	< 10
	HAPs (all)	Hazardous Air Pollutants	2.75
	GHG (CO_{2e})	Greenhouse Gases (Carbon Dioxide Equivalent)	96,836.2

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 will be subject to NSPS – 40 CFR Part 60 Subpart Dc – Small Industrial-Commercial-Institutional Steam Generating Units.

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.