

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**

**Fish Lake Geothermal LLC  
Fish Lake Geothermal Power Plant  
Esmeralda County, Nevada  
February 10, 2026**

Fish Lake Geothermal LLC (Fish Lake Geothermal) submitted an application for a new Class II Air Quality Operating Permit, AP4911-4784, FIN A2662, in Esmeralda County, Nevada. The project is located approximately 14 miles north of Dyer, Nevada, in all or portions of Sections 12 and 13, Township 1 S, Range 35 E, M.D.B.&M.

Fish Lake Geothermal LLC proposes to operate a geothermal power generation facility consisting of a 15-20 MW net-rated power plant, geothermal fluid production wells, access roads, geothermal fluid pipelines, a diesel fired emergency generator and ancillary support facilities.

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 Fish Lake Geothermal 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.	<b><i>Fish Lake Geothermal Power Plant Potential to Emit (PTE)</i></b>		
	<b>Pollutant</b>		<b>Facility-Wide (tons/year)</b>
	<b>PM</b>	Particulate Matter	42.8
	<b>PM<sub>10</sub></b>	Particulate Matter ≤ 10 microns in diameter	42.8
	<b>PM<sub>2.5</sub></b>	Particulate Matter ≤ 2.5 microns in diameter	42.8
	<b>SO<sub>2</sub></b>	Sulfur Dioxide	0.00081
	<b>NO<sub>x</sub></b>	Oxides of Nitrogen	0.71
	<b>CO</b>	Carbon Monoxide	0.39
	<b>VOC</b>	Volatile Organic Compounds	0.19
	<b>H<sub>2</sub>S</b>	Hydrogen Sulfide	76.5
	<b>HAPs (all)</b>	Hazardous Air Pollutants	0.00070

The project is located in Air Quality Hydrographic Area (HA) 117 of the Fish Lake Valley. HA 117 is not a triggered basin for an increment analysis. Fish Lake Geothermal will be subject to 40 CFR Part 60 Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines, 40 CFR Part 63 Subpart ZZZZ – National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, and 40 CFR Part 63 Subpart CCCCCC – 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 Fish Lake Geothermal will not violate any air quality standard.

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