

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.

	<i>Fish Lake Geothermal Power Plant Potential to Emit (PTE)</i>	
	Pollutant	Facility-Wide (tons/year)
PM	Particulate Matter	42.8
PM₁₀	Particulate Matter \leq 10 microns in diameter	42.8
PM_{2.5}	Particulate Matter \leq 2.5 microns in diameter	42.8
SO₂	Sulfur Dioxide	0.00081
NO_x	Oxides of Nitrogen	0.71
CO	Carbon Monoxide	0.39
VOC	Volatile Organic Compounds	0.19
H₂S	Hydrogen Sulfide	76.5
HAPs (all)	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 III – 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.