

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

**Valley Joist, LLC
Fernley Facility
Lyon County, Nevada
September 27, 2024**

Valley Joist, LLC (Fernley Facility) submitted an application for a revised Class II Air Quality Operating Permit, AP3441-4531, FIN A0012, for the Fernley facility in Lyon County, Nevada. The project is located east of Reno. Take US I-80 east towards Fernley. Take exit 46 for W. Main Street Fernley. Turn right onto W. Main Street (0.2 miles), then turn left on Logan Lane (0.5 miles). Facility will be on the left., in all or portions of Section 11, Township 20N, Range 24E, M.D.B.&M.

This permit action is a revision to the existing Class II Air Quality Operating Permit. The proposed revision will replace S2.003 (13.4 HP Generac NG-Fired Emergency Generator – mdl #00589-3, s/n 3025114, mfd 1997) with S2.004 (148.9 BHP Generac NG-Fired Emergency Generator – mdl SG100, s/n 3001378559, mfd 2016).

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>Fernley Facility Potential to Emit (PTE)</i> | | |
|---|---|--|----------------------------------|
| | Pollutant | Revision Net Change (tons/year) | Facility-Wide (tons/year) |
| Current emissions estimates indicate Fernley Facility 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. | PM | Particulate Matter | 0.00055 |
| | PM₁₀ | Particulate Matter ≤ 10 microns in diameter | 0.00053 |
| | PM_{2.5} | Particulate Matter ≤ 2.5 microns in diameter | 0.00053 |
| | SO₂ | Sulfur Dioxide | 0.000033 |
| | NO_x | Oxides of Nitrogen | 0.011 |
| | CO | Carbon Monoxide | 0.03 |
| | VOC | Volatile Organic Compounds | 0.016 |
| | Pb | Lead | 0.00 |
| | HAP (single) | Hazardous Air Pollutants | 0.00 |
| | HAPs (all) | Hazardous Air Pollutants | 0.00 |

The project is located in Air Quality Hydrographic Area (HA) 76 of the Fernley Area. HA 76 is designated as PSD and is triggered for SO₂ Valley Joist, LLC will be subject to 40 CFR Part 63 Subpart ZZZZ and 40 CFR Part 60 Subpart JJJJ.

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 Valley Joist, LLC, will not violate any air quality standard.

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