

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

**Rice Lake Weighing Systems
Lyon County, Nevada
September 2, 2024**

Rice Lake Weighing Systems (RLWS) submitted applications for renewal and revision of Class II Air Quality Operating Permit, AP3596-2979.02, FIN A1298, for the RLWS facility in Lyon County, Nevada. The project is located 265 Logan Lane, Fernley, Nevada 89408, in all or portions of Section 11, Township 20 N, Range 24E, M.D.B.&M.

This permit action includes renewal and revision of the existing Class II Air Quality Operating Permit No. AP3596-2979 consisting of System 01 – Fabrication Operations (Welding), System 02 – Plasma Cutting, System 03 Abrasive Blast Booth, System 04 – Paint Spray System, and Insignificant Activities (IA1.001 through IA1.005). Revision included: (1) Systems 01 through 04 – daily and yearly operating hours; and hourly and yearly throughputs were updated; and (2) System 03 – old 2011 wheelabrator dust collector was replaced with a 2023 Imperial systems dust collector.

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>Rice Lake Weighing Systems Potential to Emit (PTE)</i>			
	Pollutant		Revision Net Change (tons/year)	Facility-Wide (tons/year)
	Current emissions estimates indicate RLWS 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	-2.99
PM₁₀		Particulate Matter ≤ 10 microns in diameter	-2.99	0.32
PM_{2.5}		Particulate Matter ≤ 2.5 microns in diameter	-2.99	0.32
SO₂		Sulfur Dioxide	0.00	0.01
NO_x		Oxides of Nitrogen	0.36	2.25
CO		Carbon Monoxide	0.00	1.59
VOC		Volatile Organic Compounds	-7.58	0.15
Pb		Lead	0.00	0.00
HAP (single)		Hazardous Air Pollutants	0.00	0.14
HAPs (all)		Hazardous Air Pollutants	0.00	0.14

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. An increment analysis was performed on June 5, 2024, the results demonstrated that the operation of RLWS is within increment standards. RLWS will not be subject to any applicable 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 RLWS, will not violate any air quality standard.

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