

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

**Stella-Jones Corporation
Stella-Jones Corporation – Silver Springs Facility
Lyon County, Nevada
February 19, 2025**

Stella-Jones Corporation (SJC) submitted an application for a renewed and revised Class II Air Quality Operating Permit, AP2491-0095.06, FIN A0499, for the SJC – Silver Springs Facility in Lyon County, Nevada. The project is located at 1680 Spruce Avenue, Silver Springs, Nevada, in all or portions of Section 30, Township 18 N, Range 25 E, M.D.B.&M.

SJC – Silver Springs Facility treats wood products such as rail ties, telephone poles, and building lumber to resist attack from insect (termite, wood borers, etc.) and wood rot (fungi, bacteria, etc.) attack. The renewed and revised permit will remove pentachlorophenol as a wood preservative, replace the retorts, update the work tanks, add a steam boiler, revise emissions inventory for all pollutants, update the insignificant activities list. DCOI (4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one) and copper naphthenate may be used as wood preservatives.

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>SJC – Silver Springs Facility Potential to Emit (PTE)</i>			
	Pollutant	Revision Net Change (tons/year)	Facility-Wide (tons/year)	
Current emissions estimates indicate SJC 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	0.66	1.71
	PM₁₀	Particulate Matter ≤ 10 microns in diameter	0.66	1.71
	PM_{2.5}	Particulate Matter ≤ 2.5 microns in diameter	0.66	1.71
	SO₂	Sulfur Dioxide	0.052	0.10
	NO_x	Oxides of Nitrogen	8.63	16.90
	CO	Carbon Monoxide	7.25	14.20
	VOC	Volatile Organic Compounds	-0.31	26.70
	Pb	Lead	0.00004	0.00008
	HAP (single, naphthalene)	Hazardous Air Pollutants	-0.11	0.33
	HAPs (all)	Hazardous Air Pollutants	-0.11	0.33

The project is located in Air Quality Hydrographic Area (HA) 102 of the Churchill Valley. HA 102 is designated as PSD and is triggered for NO₂. SJC will be subject to 40 CFR 60 Subpart Dc – Standards of Performance for 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 SJC, will not violate any air quality standard.

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