

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

**New Rise Renewables Reno
Renewable Naphtha and SAF Processing Plant
Storey County, Nevada
July 10, 2025**

New Rise Renewables Reno (NRRR) submitted an application for a revised Class II Air Quality Operating Permit, AP2869-3847.01, FIN A1107, for the Renewable Naphtha and SAF Processing Plant facility in Storey County, Nevada. The project is located 611 Peru Drive, McCarran, Nevada, in all or portions of Section 33, Township 20 N, Range 22 E, M.D.B.&M.

NRRR owns and operates an existing former petrochemical turned renewable fuel plant. NRRR is currently permitted to produce renewable diesel but is proposing to manufacture sustainable aviation fuel (SAF) and renewable naphtha (RN) that is converted from distillers' plant-based oil non-food renewable feedstock. A hydrotreating (hydrodeoxygenation) process (hydrogen at elevated temperature and pressure in the presence of a catalyst) is used to remove undesirable characteristics before being marketed as SAF and RN. The revised permit will allow the plant to transload to rail or truck up to 39,091,500 gallons of SAF per year and 6,898,500 gallons of RN per year.

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 NRRR 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.	<i>NRRR Potential to Emit (PTE)</i>			
	Pollutant		Revision Net Change (tons/year)	Facility-Wide (tons/year)
	PM	Particulate Matter	-0.93	5.85
	PM₁₀	Particulate Matter ≤ 10 microns in diameter	- 0.93	5.85
	PM_{2.5}	Particulate Matter ≤ 2.5 microns in diameter	-0.93	5.85
	SO₂	Sulfur Dioxide	-3.58	0.50
	NO_x	Oxides of Nitrogen	41.37	75.61
	CO	Carbon Monoxide	91.66	97.12
	VOC	Volatile Organic Compounds	28.57	36.62
	Pb	Lead	0.0001	0.0001
	HAP (single)	Hazardous Air Pollutants	0.695	1.61
	HAPs (all)	Hazardous Air Pollutants	0.73	1.70

The project is located in Air Quality Hydrographic Area (HA) 83 of the Tracy Segment. HA 83 is designated as PSD and is triggered for PM₁₀, SO₂, and NO_x. NRRR 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 – Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines; 40 CFR Part 60, Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984, and On or Before October 4, 2023; 40 CFR Part 60, Subpart Kc – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After October 4, 2023; 40 CFR Part 60, Subpart Dc – Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units; and 40 CFR Part 60.18, Subpart A – General Control Device Requirements.

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 NRRR, will not violate any air quality standard.

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