

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**

**Nevada Mercury Control Program
Mercury Operating Permit to Construct**

December 1, 2025

Solidus Resources, LLC – Spring Valley Mine Project has submitted an application for a new Mercury Operating Permit to Construct (MOPTC) AP1041-4682 pursuant to NAC 445B.3663.1 to the Nevada Division of Environmental Protection-Bureau of Air Pollution Control (BAPC) for a proposed precious metals mining facility.

The applicable facility, located in hydrographic areas #73A and 129, in Pershing County is:

Spring Valley Mine Project

21 miles Northeast of Lovelock, NV on Lovelock-Unionville Road.

From Lovelock, take I-80 E for approximately 12.6 miles. Take Exit 119 towards NV-858 E and turn right onto NV-858E. Continue onto Lovelock-Unionville Road and drive approximately 14 miles to the project location.

The BAPC has reviewed the application and has made a preliminary determination to issue the MOPTC. The draft MOPTC is for four (4) new systems (System 01 – Carbon Kiln, System 02 – Electrowinning Circuit, System 03 – Retort, and System 04 – Furnace), with an emission performance standard and control technologies determined to be NvMACT pursuant to NAC 445B.3677.3.

The draft MOPTC includes requirements for monitoring, recordkeeping, annual stack testing for mercury emissions, annual emissions reporting, annual mercury co-product reporting, limits of operation, and work practice standards which minimize emissions of mercury to the atmosphere. The permit also includes a mercury emission limit for each system.

Solidus Resources, LLC submitted an application for a new MOPTC for a precious metal mining operation at the proposed Spring Valley Mine Project, which will primarily produce gold. The new facility will include the following thermal mercury emitting equipment: a carbon kiln (TU4.001) in System 01, an electrowinning circuit having electrowinning cells (TU4.002 in System 02), a barren tank (TU4.003), and an eluant tank (TU4.004) in System 02, a retort (TU4.005) in System 03, and a furnace (TU4.006) in System 04.

The proposed project will not cause or contribute to a violation of any applicable Federal or State air quality standard. After review of the application and independent BAPC analyses, the Agency has determined that the Solidus Resources, LLC – Spring Valley Mine Project MOPTC may be issued and operated. The proposed sources must comply with all State and Federal air quality requirements and all conditions established within the draft MOPTC.