

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**

May 12, 2025

Marigold Mining Company – Marigold Mine has submitted an application for revision to Mercury Operating Permit to Construct (MOPTC) AP1041-2254 pursuant to NAC 445B.3663.1 to the Nevada Division of Environmental Protection-Bureau of Air Pollution Control (BAPC) for System 01 (TU4.001).

The applicable facility, located in hydrographic area #64, in Humboldt County is:

*Marigold Mine
4 Miles South of I-80 at the Valmy Interchange (Exit 216)*

The BAPC has reviewed the application and has made a preliminary determination to issue the MOPTC. The draft MOPTC is for one revised system (System 01 – Carbon Kiln), 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.

Marigold Mining Company has submitted an application to revise their MOPTC Permit No. 1041-2254 for the Marigold Mine. The application includes the following proposed changes: updating the control equipment list to include an existing heater (HE-001) and demister (DM-001) as gas conditioning units for the Carbon Kiln (System 01, TU4.001), and revising the wet scrubber control unit (WS-001) water flow rate from 50 gallons per minute to 40 gallons per minute.

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 Marigold Mining Company – Marigold Mine 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.