

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**

August 23, 2024

Nevada Gold Mines, LLC – Gold Quarry Operations has submitted an application for revision to Mercury Operating Permit to Construct (MOPTC) AP1041-2219 pursuant to NAC 445B.3663.1 to the Nevada Division of Environmental Protection-Bureau of Air Pollution Control (BAPC) for Systems 1, 2, and 3.

The applicable facility, located in hydrographic area #51, in Eureka County is:

*Nevada Gold Mines, LLC – Gold Quarry Operations
1655 Mountain City Highway
Elko, NV 89801*

The BAPC has reviewed the application and has made a preliminary determination to issue the MOPTC. The draft MOPTC is for 3 systems, 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.

This revision increases the throughput to System 1 – Static Separator, updates the exhaust flow rate of System 2 – Ore Preheaters, and revises a work practice standard for the sulfuric acid production plant under System 3 – Roasters. This revision will not change any emission limits or controls for any of the previously mentioned systems.

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 Nevada Gold Mines, LLC 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.