

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**

**March 7, 2011**

Newmont Mining Corporation – Gold Quarry Operations Area has submitted an existing unit application for a Phase-2 Mercury Operating Permit to Construct (MOPTC) pursuant to NAC 445B.3663.1 to the Nevada Division of Environmental Protection-Bureau of Air Pollution Control (NDEP-BAPC) for a system consisting of two existing ore pre-heaters on February 4, 2008.

The applicable facility, located in air shed basin #51, in Eureka County is:

*Newmont Mining Corporation  
Gold Quarry Operations Area  
6 miles north of  
Carlin, Nevada*

The NDEP-BAPC has reviewed the application and has made a preliminary determination to issue the MOPTC. The draft MOPTC is for a system consisting of two existing ore pre-heaters 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 the system.

Initial determination of proposed NvMACT mercury emissions performance for the system is:  $9.86 \times 10^{-6}$  gr/dscf mercury. Final NvMACT mercury emissions limit shall be determined pursuant to the emissions control demonstration period. Determination of proposed NvMACT mercury emissions control technology for the system is: two baghouses, a sulfur dioxide scrubber and a carbon filter tray system consisting of 33,000 pounds of sulfur impregnated carbon.

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 NDEP-BAPC analyses, the Agency has determined that the Newmont Mining Corporation – Gold Quarry Operations Area 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.

Copies of this permit action's public notice and the draft Mercury Operating Permit to Construct are available for review on the Nevada Division of Environmental Protection - Bureau of Air Quality Planning website at: <http://ndep.nv.gov/baqp/hg/pub.html>