

STATE OF NEVADA
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR QUALITY PLANNING

**Director's Review and Preliminary Determination of Permit Issuance
for**

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

September 2, 2009

Newmont Mining Corporation – Twin Creeks Mine has submitted a new unit application for a Mercury Operating Permit to Construct (MOPTC) pursuant to NAC 445B.3633(c) to the Nevada Division of Environmental Protection-Bureau of Air Quality Planning (NDEP-BAQP) for two new mercury retorts on June 24, 2009.

The applicable facility, located in air shed basin #66, in Humboldt county is:

*Newmont Mining Corporation
Twin Creeks Mine
PO Box 69
Golconda, NV 89414*

The NDEP-BAQP has reviewed the application and has made a preliminary determination to issue the MOPTC. The draft MOPTC consists of two new mercury retorts, each with emissions performance standards and control technologies determined to be NvMACT pursuant to NAC 445B.3683.2(b).

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. Other permit contents include mercury emission limits for each mercury retort.

Initial determination of proposed NvMACT mercury emissions performance for each retort is: 5×10^{-3} gr/dscf mercury. Final NvMACT mercury emissions limit shall be determined based on the emissions control demonstration period. Determination of proposed NvMACT mercury emissions control technology for each retort is: chilled-water condensers followed by sulfur impregnated carbon filter columns.

None of the proposed projects will cause or contribute to a violation of any applicable Federal or State air quality standard. After review of the application and independent NDEP-BAQP analyses, the agency has determined that the Newmont Mining Corporation – Twin Creeks 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>