

Kennecott Utah Copper Air Permitting Actions Update August 2010

Kennecott Utah Copper is seeking to update our long-held-air-quality permit called the Kennecott Bingham Canyon Mine Air Quality Approval Order. The current Utah Division of Air Quality (UDAQ) permit allows Kennecott to move a maximum of 197 million tons of material per year. An increasing amount of overburden material and decreased ore grade requires an increase in total material movement. The increase is necessary for sustained copper production levels and mine extension beyond 2020. If approved, the modification would recognize Kennecott Utah Copper's plan to increase the total material moved from 197 million tons per year to 260 million tons per year.

The current material movement limit is set at 197 million tons and is contained in the Mine AO, and in the PM₁₀ State Implementation Plan, or SIP. A SIP is a state's plan for complying with, maintaining and enforcing the National Ambient Air Quality Standards (NAAQS), protection standards set by the EPA. The limit must be changed in both of these prior to operating at the proposed rate.

Increasing the limit in the SIP requires a demonstration that the emissions from the proposed modification will not adversely affect attainment/maintenance with the NAAQS. An analysis has been completed and submitted to UDAQ that shows that our proposed change will not adversely affect attainment and maintenance of the PM₁₀ standard.

Updating the AO and the SIP will happen concurrently. We have submitted a Notice of Intent (NOI) to propose an increase to the material move limit in the AO to the UDAQ's New Source Review (NSR) group. UDAQ will begin their internal review process, followed by a public comment period.

Kennecott works to reduce emissions through a variety of emission reduction projects described in the 2010 [Air Quality Information brief](#).