

Arizona State Mine Inspector



JOE HART

1700 W. Washington Suite 403  
Phoenix, Arizona 85007-2805  
(602) 542-5971  
Fax (602) 542-5335



*To: Nicole -  
fji/review  
see me.*

May 21, 2009

C.H. Huckelberry, County Administrator  
Pima County Governmental Center  
130 West Congress  
Tucson, AZ 85701

*CHM  
copy Board  
5/26/09*

Dear County Administrator:

The Arizona State Mine Inspector is providing you with notice of the receipt of a proposed Mined Land Reclamation plan for a new mineral mining unit within your County, briefly described as follows.

**Responsible party:** Rosemont Copper Company  
c/o VP of Operations  
4500 Cherry Creek South Drive, suite 1040  
Denver, Colorado 80246

**Location of operation:** Rosemont Copper Project

The property is located southeast of Tucson. The site is located on the west side of Highway 83, approximately 16 miles south of the I-10/ SR83 interchange, in Pima County, AZ. The majority of the open pit and processing areas on private lands are included in portions of T18S R15E Sections 25 & 36, and T18S R16E Sections 30, 31 & 32. Along with some surrounding land for residual operations.

**Physical characteristics:**

Type of mine: Proposed metalliferous (mineral mine) Copper open pit operations.  
Size of operation: Approx. 875 acres of private land, surrounded by 3,315 acres of Federal land; 200 acres of State land; An approx. total minesite size of 4,415 ac.

**Proposed reclamation timeframe:**

Reclamation will be concurrent with mining as feasible. If not concurrent with mining, the final reclamation will begin within 12 months of the completion of mining. Most of the reclamation of the private land will be undertaken in the last 5 years of operation, estimated to be 2035.

**Proposed Post mining land use:**

Post mining land use for this property will be as recreational land and an operating cattle ranch after being returned to naturalized open space. This is consistent with the surrounding property and pre-mining land uses.

**Reclamation Measures:**

- Slopes of between 3H: 1V to 3.5H: 1V will be present in the pit area after mining and reclamation is complete.
- Fencing will be used around the pit, processing area, and ranch as needed for public safety and security patrols will be carried out. Fenced locations may be changed over time as need to secure the property and insure public safety.
- Roads constructed exclusively for mining operations will be removed (ripped, plowed, and/or scarified as needed).
- No temporary or permanent structures will remain on site except as needed for the post mining land use and all equipment will be removed from the property.
- Revegetation will be carried out by reseeding with a native seed mix. Test reseeding plots will be used to verify the best possible seed mixture for the site.

**Brief Narrative:**

Currently no mining is taking place on the site. The site will be used as a copper ore source. Sulfide ore will be milled and concentrated, and oxide ore will be placed on heap leach pads, with the leach solution processed in a SXEW plant. Including construction and post-closure activities, mining operations are expected to take place at the site until 2035.

Topsoil will be salvaged prior to mining and construction. Topsoil removed in early years will be stockpiled while topsoil moved in later years may be directly placed on regraded areas. The stockpiles will be labeled and stored for use in the reclamation.

Access will be restricted by a fence, with signage, around active operating areas to exclude the public as necessary. It will also be patrolled by security guards and site access points will be limited and secured.

Where feasible, reclamation will be done concurrent with mining, where it is not possible; Final reclamation will be started within 12 months of the completion of mining. Most of the reclamation of the private land will be undertaken in the last 5 years of operation.

Post reclamation land use will be as naturalized open space for recreational use and an operating cattle ranch, this fits with the surrounding and current land uses. Revegetation will be carried out by reseeding with a native seed mix and will be reseeded, if need, annually over three years.

The entire plan submittal can be reviewed in our office 8 a.m. to 3 p.m. Monday through Friday. Any person who may be adversely affected by the plan may file written comments on the plan within fifteen days after June 4, 2009 (the last publication date), and/or request a public meeting.

If you have any questions or comments, please contact me or Garrett Fleming in the Reclamation Department at (602) 542-5971.

Sincerely,



Joe Hart  
Arizona State Mine Inspector



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