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State of Utah
DEPARTMENT OF NATURAL RESOURCES
Division of Oil, Gas & Mining

MICHAEL R. STYLER
Executive Director
JOHN R. BAZA
Division Director

Inspection Report
Minerals Regulatory Program
Date: January 13, 2010

Reviewed: PBB

Mine Name: Barneys Canyon	**Permit Number**: M/035/0009
Operator Name: Kennecott Utah Copper	**Inspection Date**: December 2, 2009
Inspector(s): L Heppler, E. Berry	**Time**: 8:00 am
Other Participants: G. Eurick, Z. Kenyon & others- Kennecott	**Mine Status**: Active

Elements of Inspection	Evaluated	Comment	Enforcemen
1. Permits, Revisions, Transfer, Bonds	☒	☒	☐
2. Public Safety (shafts, adits, trash, signs, highwalls)	☒	☒	☐
3. Protection of Drainages / Erosion Control	☒	☒	☐
4. Deleterious Material	☐	☐	☐
5. Roads (maintenance, surfacing, dust control, safety)	☒	☒	☐
6. Reclamation	☒	☒	☐
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts)	☐	☐	☐
8. Soils	☐	☐	☐
9. Revegetation	☒	☒	☐

Bond Renewal Date: 06-22-2014 **Bond Amount:** $3,873,446 **Permit fee** is up to date

Purpose of Inspection: Routine annual Inspection. This site was last inspected as a Large mine site on 12-20-2005

Inspection Summary: Access to site was limited by gate. A few older bone yards were noted on site. No erosional problems were noted. At the time of inspection the truck shop had undergone demolition. The truck shop site was being regraded and topsoil being applied. The leach pads are still being leached, so ponds and process building is also remaining. The Barneys pit has been reclaimed, and most of the haul roads. Attached photographs document area.

The lower portion of Bingham Creek area was no longer utilized for mining, but had several different stages of undergoing reclamation, most of the earthwork and grading was completed (except upper most active dumping area). Most areas were topsoiled and at various stages of vegetated growth. The hydrology features at the base of the canyon was near completion. Bingham Pit was active and had several slope stability issues, but none endangered public safety. Attached photographs document area.

Conclusions and Recommendations: OGM would like to review details on the Barneys Canyon Dewatering hole abandonment. OGM to continue annual inspections and monitor the site when in the area.

Inspector's Signature Lee Hepp 01-20-10

LAH:vs
cc: Kennnecott - Chris Kaiser
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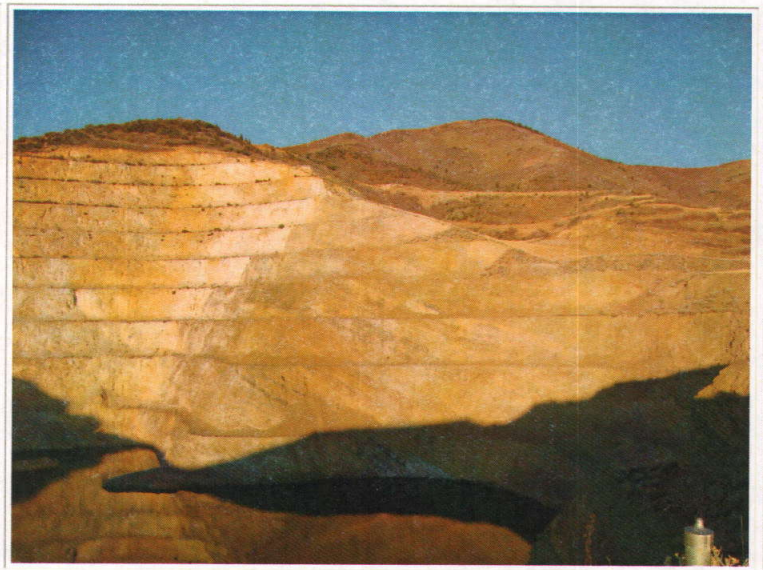
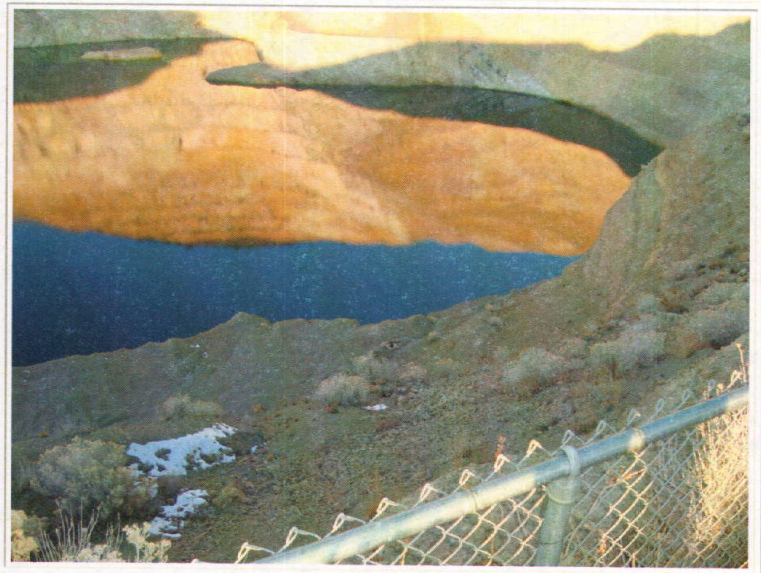
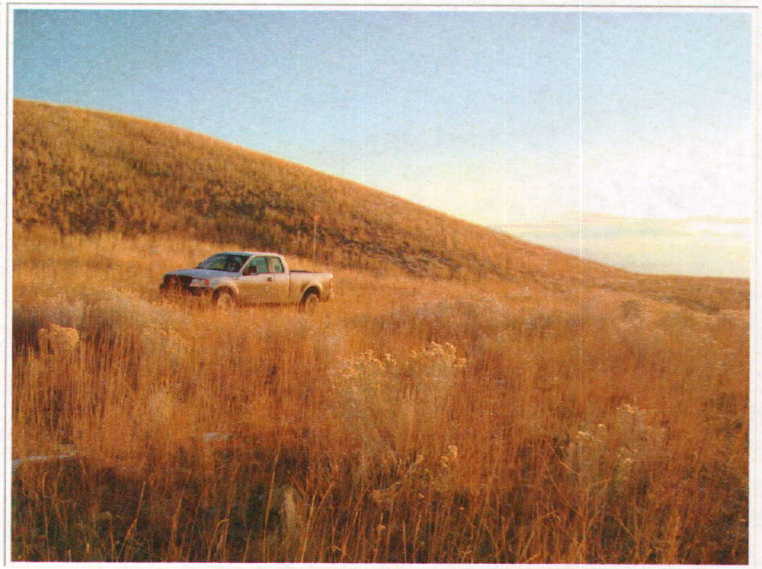
Barneys Canyon Highwall – Note reclamation on benches



Barneys Canyon Highwall – Note reclamation on benches



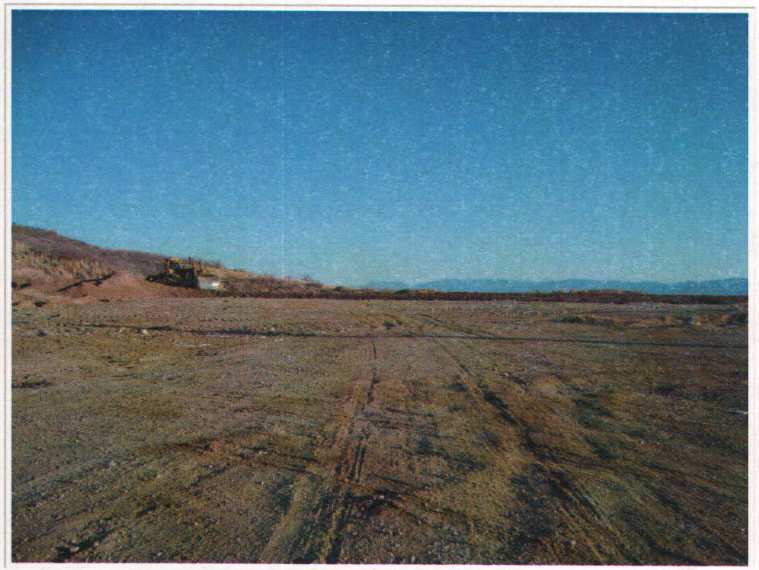
Lake Barney – Note dewatering well



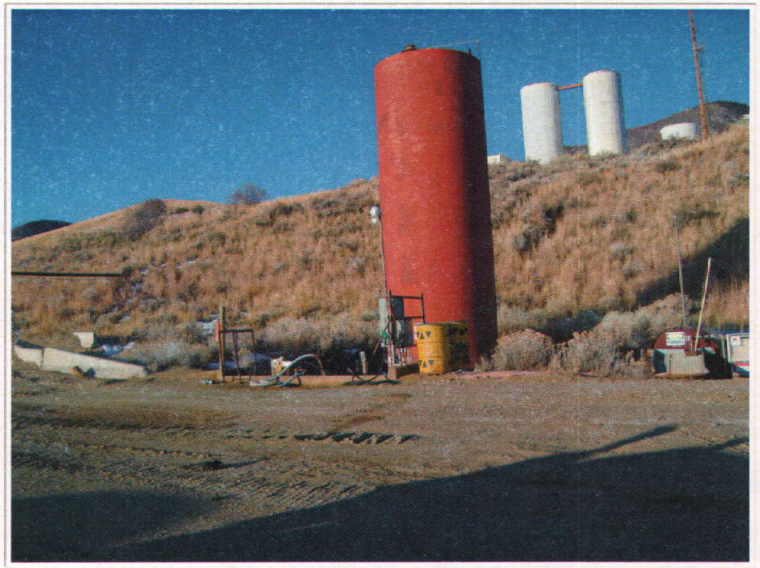
Reclamation – Regraded and seeded

Reclaimed Melco Haul road

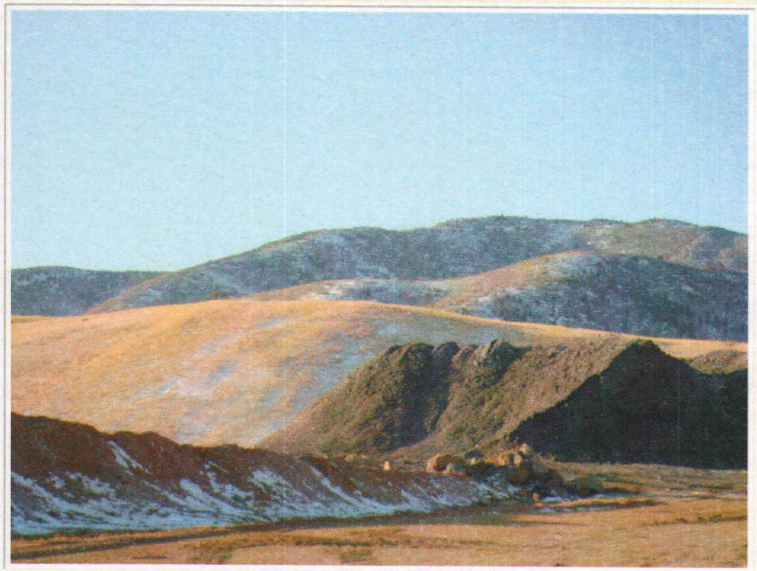
Reclaimed Melco Haul road



Site of Truck shop – demo complete, spreading topsoil



Fuel and water tanks



Reclaimed 6300 dump (background) & sulphide ore (foreground) mixed for Flux at Bingham

Leach pad with edges pushed down to aid leaching