

January 2011 Update

Summitville Mine Superfund Site

Rio Grande County, Colorado

(Five-Year Review date: 9/27/2010)

*H*ighlights since the 2010 Five-Year Review

- Commissioning of the new hydro-electric plant for supplemental site-power expected fall 2011.
- New water treatment plant construction completion targeted for early this fall (September 2011).

Issues & Recommendations Update

Issues	Recommendations/ Follow-up Actions	Follow-up Actions (Status/Due Date)	Status of Follow-up Actions January 2011	Responsible Party
1) Site-wide reclamation assumptions	The site water balance should be updated to reflect the new WTP design capacity and the storage capacity gained in the SDI following the spillway.	11/2012	Assumptions will be evaluated during FY 2011-2012	CDPHE
2) Interim water treatment plant and SDI storage capacity.	Evaluate remedy performance	11/2012	Same as above.	CDPHE
3) Non-point source contamination loading	a) Funding to complete the design and construction of the SDI embankment seepage collection and pumpback system should be secured to reduce the copper loading from this source.	10/2011	Currently evaluating funding needs to complete these tasks and to optimize O&M components for b and c.	CDPHE

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	<p>b) Efforts to refine water management in the Cropsy Basin should continue to reduce the copper loading from this area. This could include minimizing the contact of Ditch R water with AMD producing rock in the Campbell Quarry.</p> <p>c) Funding to construct a system to route AMD seepage from upstream to downstream of the A3-Ditch Turnout should be secured. Improvement of water quality at this location will provide the CDPHE with additional options to manage site surface water.</p>			
4) Mine Pool Management	Develop a strategy for management of the mine pool. Mine pool management will decrease non-point source loading to Wightman Fork, which will reduce copper concentrations in the Alamosa River. Mine pool management may also improve the CDPHE's ability to revegetate the Chandler Bowl.	11/2013	ROD strategy will be optimized and evaluated during FY 2011-2012	CDPHE