

January 2011 Update

Monticello Mill Tailings Superfund Site

Monticello, Utah
(Five-Year Review date 6/11/2007)

Highlights since the 2007 Five-Year Review

- Water quality monitoring continues.
- DOE/City Cooperative Agreement underway in place through 2016.
- Raptor perches installed; shrubs planted.
- Groundwater Treatment System Expansion Work Plan finalized 1/6/2010.

Issues & Recommendations Update

Issues	Recommendations Follow-up Actions	Follow-up Actions (Status/Due Date)	Status of Follow-up Actions January 2011	Responsible Party
1) DOE/City of Monticello Cooperative Agreement.	In April 2007, DOE and the City completed negotiations for a new cooperative agreement that extends to December 31, 2016.		Complete	Department of Energy (DOE)
2) Minor repair of erosion is needed at several locations on City property.	DOE to communicate repairs needed to the city of Monticello.		Complete. Process in place.	City of Monticello

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3) Aquifer restoration shows improvement but current rates are less than expected.	Continued water quality monitoring/evaluation as per current scope. Continued operation of passive and active ground water treatability study systems.	ESD or ROD Amendment planned 2QFY09. Construction planned 1QFY11.	Ongoing: Completed ESD 3/12/09 to pump and treat the upper plume with monitoring the lower plume. Design in progress.	DOE
4) Selenium concentrations sometimes exceed toxicity benchmark levels in surface water, sediment and aquifer.	Continued water quality monitoring/evaluation as per current biomonitoring scope until definitive trends are apparent and evaluated.		Monitoring ongoing.	DOE
5) Repository vegetation performance criteria are not achieved.	Erect raptor perches, conduct live shrub plantings as needed. Consider winter grazing. Continue to monitor seven-acre embedded lysimeter.		Complete: <ul style="list-style-type: none"> • Installed raptor perches. • Completed shrub plantings. • Grazing considerations and lysimeter monitoring ongoing. 	DOE