

US Department of Energy Groundwater Database Groundwater Master Report

Installation Name, State: Durango
Responsible DOE Office: Office of Legacy Management

Plume Name: Durango Mill Tailings Area
Remediation Contractor: No response

Report Last Updated: 2009

Contaminants

Halogenated VOCs/SVOCs Present? **No**

Fuel Present? **No**

Metals Present? **Yes**

Metal Name	Metal Concentration (ppb)	Regulatory Driver	Cleanup Requirement
Mn	4500	No	
Se	83	Yes	0.05
Mo	110	Yes	0.1
Cd	42	Yes	0.01
U	1400	Yes	0.044

Isotopes Present? **No**

Explosives Present? **Yes**

Other Contaminants? **No**

Tritium Present? **No**

Nitrates Present? **No**

Sulfates Present? **Yes**

Concentration: **2500000** (ppb)

Hydrogeology

Conduit Flow? **No**

Multiple Units Affected? **No**

Depth (feet): **25**

Avg Velocity (feet/year): **730**

Plume Information (no source)

Source **Not Present**

Plume Status **Plume static or shrinking in size**

Area of Plume (acres): **18**

Remedial Approach

Remedy Name	Status	Start Date	End Date
natural flushing	Proposed	2003	2103
other (provide names)	Proposed	2003	

Groundwater Use / Exit Strategy

Potable? **No**

Sole Source Aquifer? **No**

Does an Exit Strategy Exist? **Yes**

Basis for Exit Strategy: **Target Concentration**

Environmental Indicators (EIs)

Groundwater Migration Under Control? **Yes**

Confirmed by Lead Regulator? **No**

Current Human Exposure Acceptable? **Yes**

Confirmed by Lead Regulator? **No**

Regulatory

Decision Document? **Assessment Ongoing**

Regulatory Position on Groundwater Use Same as Site? **Yes**

Lead Regulatory Agency: **Federal**

Regulatory Driver: **Other**

Comments

The contaminant and hydrogeology information provided above is for the portion of the site where a Natural Flushing compliance strategy has been selected. The Durango site is divided into two geographically distinct areas, the Mill Tailings Area and the Raffinate Ponds Area. Separate compliance strategies that have been selected for each area. The compliance strategy for the Mill Tailings Area is Natural Flusing. The compliance strategy for the Raffinate Ponds Area is Supplemental Standards based on widespread ambient contamination.