

US Department of Energy Groundwater Database Groundwater Master Report

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

Plume Name: Gunnison
Remediation Contractor: Unknown

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	6500	No	
U	760	Yes	44

Isotopes Present? **No**

Explosives Present? **Yes**

Other Contaminants? **No**

Tritium Present? **No**

Nitrates Present? **No**

Sulfates Present? **No**

Hydrogeology

Conduit Flow? **No**

Multiple Units Affected? **No**

Depth (feet): **100**

Avg Velocity (feet/year): **931**

Plume Information (no source)

Source **Controlled**

Plume Status **Contaminants Offsite**

Area of Plume (acres): **480**

Remedial Approach

Remedy Name	Status	Start Date	End Date
natural flushing	Proposed		

Groundwater Use / Exit Strategy

Potable? **Yes**

Sole Source Aquifer? **Yes**

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? **Remedial Approach Proposed**

Date Approved

Lead Regulatory Agency: **Federal**

Regulatory Driver: **Other**

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

Comments

Contaminant concentrations listed above are the maximum observed in the alluvial aquifer from the May 2008 sampling event. Source left in place on the former millsite per application of supplemental standards. Compliance strategy is currently in review with NRC.