

US Department of Energy Groundwater Database Groundwater Master Report

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

Plume Name: Riverton
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	950	No	
Mo	660	Yes	100
U	1500	Yes	44

Isotopes Present? **No**

Explosives Present? **Yes**

Other Contaminants? **No**

Tritium Present? **No**

Nitrates Present? **No**

Sulfates Present? **Yes**

Concentration: **4000000** (ppb)

Hydrogeology

Conduit Flow? **No**

Multiple Units Affected? **No**

Depth (feet): **20**

Avg Velocity (feet/year): **455**

Plume Information (no source)

Source **Not Present**

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

Area of Plume (acres): **256**

Remedial Approach

Remedy Name	Status	Start Date	End Date
natural flushing	Confirmed	1998	

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? **Yes**

Current Human Exposure Acceptable? **Yes**

Confirmed by Lead Regulator? **Yes**

Regulatory

Decision Document? **Decision Document in Place**

Date Approved **9/3/1998**

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 June 2008 sampling event.