

US Department of Energy Groundwater Database Groundwater Master Report

Installation Name, State: Rocky Flats Environmental Technology Site
Responsible DOE Office: Office of Legacy Management

Plume Name: Mound Plume
Remediation Contractor: Unknown

Report Last Updated: 2009

Contaminants

Halogenated VOCs/SVOCs Present? **Yes**

VOC Name	Concentration (ppb)	Regulatory Driver	Cleanup Requirement
CCl4	55	Yes	
PCE	200	Yes	5
TCE	400	Yes	5
cis-1,2-DCE	300	Yes	

Fuel Present? **No**

Metals Present? **No**

Isotopes Present? **Yes**

Isotope Name	Isotope Activity (pCi/l)	Regulatory Driver	Cleanup Requirement
Am		No	
U		No	

Explosives Present? **No**

Other Contaminants? **No**

Tritium Present? **No**

Nitrates Present? **No**

Sulfates Present? **No**

Hydrogeology

Conduit Flow? **No**

Multiple Units Affected? **No**

Depth (feet): **10**

Avg Velocity (feet/year): **40**

Plume Information (no source)

Source **Not Present**

Plume Status **No Response**

Area of Plume (acres):

Remedial Approach

Remedy Name	Status	Start Date	End Date
reactive barrier	Confirmed	2007	2030

Groundwater Use / Exit Strategy

Potable? **No**

Sole Source Aquifer? **No**

Does an Exit Strategy Exist? **Yes**

Basis for Exit Strategy: **Other (provide basis)**

Environmental Indicators (EIs)

Groundwater Migration Under Control? **Yes**

Confirmed by Lead Regulator? **Yes**

Current Human Exposure Acceptable? **Need More Info**

Confirmed by Lead Regulator?

Regulatory

Decision Document? **No Response**

Regulatory Position on Groundwater Use Same as Site?

Lead Regulatory Agency: **Federal**

Regulatory Driver: **Other**

Comments

Exit strategy is water quality. Site closed in 2005, under DOE-LM since 2005, long-term monitoring and surveillance with institutional controls. Contaminated groundwater is intercepted and treated.