

## US Department of Energy Groundwater Database Groundwater Master Report

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

**Plume Name:** Carbon Tetrachloride Spill  
**Remediation Contractor:** Unknown

**Report Last Updated:** 2009

### Contaminants

Halogenated VOCs/SVOCs Present? **Yes**

VOC Name	Concentration (ppb)	Regulatory Driver	Cleanup Requirement
CCI4	40000	Yes	

Fuel Present? **No**

Metals Present? **No**

Isotopes Present? **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): **15**

Avg Velocity (feet/year): **600**

### Plume Information (no source)

Source **Not Present**

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

Area of Plume (acres):

### Remedial Approach

Remedy Name	Status	Start Date	End Date
monitored natural attenuation	Confirmed	2007	

### 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

Water quality is the basis for exit strategy. Site closed in 2005, under DOE-LM since 2005, long-term monitoring and surveillance with institutional controls. Source contamination from a subsurface tank was removed, diodegradation of residual contamination enhanced during backfill.