

## US Department of Energy Groundwater Database Groundwater Master Report

**Installation Name, State:** Ashtabula  
**Responsible DOE Office:** Office of Environmental Management

**Plume Name:** Ashtabula  
**Remediation Contractor:** Unknown

**Report Last Updated:** Unknown

### Contaminants

Halogenated VOCs/SVOCs Present? **Yes**

VOC Name	Concentration (ppb)	Regulatory Driver	Cleanup Requirement
TCE	440000	No	
VC	47	No	

Fuel Present? **No**

Metals Present? **Yes**

Metal Name	Metal Concentration (ppb)	Regulatory Driver	Cleanup Requirement
Pb	28	No	
Ba	3222	No	

Isotopes Present? **Yes**

Isotope Name	Isotope Activity (pCi/l)	Regulatory Driver	Cleanup Requirement
Tc	591000	No	
U	12400	No	

Explosives Present? **Yes**

Other Contaminants? **No**

Tritium Present? **No**

Nitrates Present? **Yes** Concentration: **5750000** (ppb)

Sulfates Present? **Yes** Concentration: **470000** (ppb)

### Hydrogeology

Conduit Flow? **Yes**

Depth (feet): **30**

Multiple Units Affected? **No**

Avg Velocity (feet/year): **3.9**

### Plume Information (no source)

Source **Active**

Area of Plume (acres): **54450**

Plume Status **No Response**

### Remedial Approach

Remedy Name	Status	Start Date	End Date
bioremediation	Confirmed	2002	2005
excavate	Confirmed	2003	2006
pump and treat	Confirmed		2018

### Groundwater Use / Exit Strategy

Potable? **No**

Does an Exit Strategy Exist? **Yes**

Sole Source Aquifer? **No**

Basis for Exit Strategy: **Target Concentration**

### Environmental Indicators (EIs)

Groundwater Migration Under Control? **No**

Current Human Exposure Acceptable? **No**

Confirmed by Lead Regulator? **No**

Confirmed by Lead Regulator? **No**

**Regulatory**Decision Document? **Remedial Approach Proposed**

Date Approved

Regulatory Position on Groundwater Use Same as Site?

**Comments**

References: 1) RFI Equivalency Document, RMI Extrusion Plant (Eckenfelder, Inc., 1989) 2) Phase I Ground Water Investigation at the RMI Extrusion Plant Site (Sharp and Associates, Inc., 2002) 3) Bioremediation of TCE-Contaminated Soil, Quarter 1 Sampling Report (Sately and Ecology Cooperation, 2002)