

## US Department of Energy Groundwater Database Groundwater Master Report

**Installation Name, State:** Miamisburg Environmental Management Project  
**Responsible DOE Office:** Office of Legacy Management

**Plume Name:** OU 1  
**Remediation Contractor:** SM Stoller Corporation

**Report Last Updated:** 2009

### Contaminants

Halogenated VOCs/SVOCs Present? **Yes**

VOC Name	Concentration (ppb)	Regulatory Driver	Cleanup Requirement
PCE		Yes	5
TCE		Yes	5

Fuel Present? **No**

Metals Present? **No**

Isotopes Present? **No**

Explosives Present? **No**

Other Contaminants? **No**

Tritium Present? **Yes**

Activity: (pCi/l)

Nitrates Present? **No**

Sulfates Present? **No**

### Hydrogeology

Conduit Flow? **No**

Depth (feet): **25**

Multiple Units Affected? **No**

Avg Velocity (feet/year): **100**

### Plume Information (no source)

Source **Controlled**

Area of Plume (acres): **7**

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

### Remedial Approach

Remedy Name	Status	Start Date	End Date
air sparge	Confirmed	1998	2005
pump and treat	Confirmed	1998	2005
soil vapor extraction	Confirmed	1998	2005
other (provide names)	Completed	1998	

### Groundwater Use / Exit Strategy

Potable? **Yes**

Does an Exit Strategy Exist? **Yes**

Sole Source Aquifer? **Yes**

Basis for Exit Strategy: **Target Concentration**

### Environmental Indicators (EIs)

Groundwater Migration Under Control? **Yes**

Current Human Exposure Acceptable? **Yes**

Confirmed by Lead Regulator? **Yes**

Confirmed by Lead Regulator? **Yes**

### Regulatory

Decision Document? **Decision Document in Place**

Lead Regulatory Agency: **Federal**

Date Approved **June 1995**

Regulatory Driver: **CERCLA**

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

### Comments