

US Department of Energy Groundwater Database Groundwater Master Report

Installation Name, State: Tuba City
Responsible DOE Office: Office of Legacy Management

Plume Name: Tuba City
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
Se	50	Yes	10
Mo	300	Yes	100
U	250	Yes	44

Isotopes Present? **No**

Explosives Present? **Yes**

Other Contaminants? **No**

Tritium Present? **No**

Nitrates Present? **Yes** Concentration: **1000** (ppb) Regulatory Driver: **Yes** Cleanup Requirement: **10000** (pCi/l)

Sulfates Present? **Yes** Concentration: **2600** (ppb)

Hydrogeology

Conduit Flow? **Yes**

Multiple Units Affected? **No**

Depth (feet): **50**

Avg Velocity (feet/year): **365**

Plume Information (no source)

Source **Controlled**

Area of Plume (acres): **327**

Plume Status **Contaminants Offsite**

Remedial Approach

Remedy Name	Status	Start Date	End Date
other (provide names)	Completed	2002	

Groundwater Use / Exit Strategy

Potable? **Yes**

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 **1999**

Lead Regulatory Agency: **Federal**
Regulatory Driver: **Other**

Regulatory Position on Groundwater Use Same as Site?
Yes

Comments

Tribal lands, culturally sensitive