

US EPA ARCHIVE DOCUMENT

Tuba City Open Dump Status

October 2009

- Uranium in the shallow groundwater exceeds MCLs in the area of the Tuba City Open Dump (TCOD) and Pasture Canyon
- Sources at and in the area of the to the TCOD, contributing to the shallow groundwater contamination; continue to be investigated
- BIA using the CERCLA RI/FS technical approach to conduct assessment activities and analyze alternatives
- BIA working with Hopi Tribe, Navajo Nation, EPA, IHS, DOE, and USGS on technical and legal approach, and community involvement

RI/FS Work Plan Completion and Associated Studies

October 2009

- RI/FS Work Plan – October 2007 to December 2009
 - Evaluate nature and extent of Uranium contamination in the shallow groundwater
 - Determine approach for further investigation activities and the analysis of remedial alternatives

- Limited Additional Studies (completed) – April 2008 to June 2009
 - Evaluate nature and extent of the shallow groundwater treatment system
 - Install groundwater wells, conduct groundwater sampling and analytical work, soil studies, aquifer testing, and site surveying
 - Perform geologic mapping, and study of groundwater pathways and receptors
 - Interim Action Report

RI/FS Implementation

October 2009

- Interim Remedial Measures – May 2009 to July 2010
 - Install fence (completed)
 - Conduct investigation of solid waste and groundwater deposited at the Dump with limited removal of solid waste
 - Wellhead protection study
 - Groundwater monitoring

- Implementation of RI/FS Work Plan – July 2010 to July 2011
 - Implement soil and groundwater studies as determined by the RI/FS Work Plan
 - Conduct baseline risk assessment
 - Analyze remedy alternatives

Remedy Selection and Closure Plan Design

October 2009

- Complete RI/FS process – July 2011
- Remedy selection process – August 2011 to December 2011
- Complete closure plan design – January 2012 to January 2013
- Site closure – July 2013 to December 2014
- Groundwater monitoring to occur until 2044 unless remedy selection indicates a reduced groundwater monitoring period

Tuba City Open Dump Issues

October 2009

- The Hopi Tribe and Navajo Nation believe that sufficient information is available to install a groundwater treatment system now and that no additional studies are needed, except those necessary to design a groundwater treatment system. The need for, and extent of, a groundwater treatment system will be considered and evaluated in the RI/FS.
- The Hopi Tribe and Navajo Nation believe that sufficient information is available to select the “clean” closure (removal of all waste to an approved solid waste facility) as the remedy for the site. The preferred site closure alternatives will be selected after all remedies are analyzed in the RI/FS.