

**Shiprock UMTRCA Site
Technical Meeting
October 14, 2009
Action Items**

1. Institutional Controls
 - NN AML/UMTRA continuing to work on DOE template adding revisions, more detail, historical perspective and put into Navajo terms with a tribal perspective. Will work with NN EPA to develop and identify who has enforcement authority over any IC and will bring in agencies and organizations who will be involved in specific areas.
 - Perry Charley, Diné College, suggested that the proposed economic development plan for Shiprock should be compared with the proposed ICs to determine if limitations could be imposed and if there are any possible impacts to those plans resulting from the known contamination areas.

2. Floodplain water access
 - NN AML/UMTRA will find out who has grazing right on floodplain that is being compensated by DOE.

3. Many Devils Wash
 - DOE will explore installing fencing at east fork of Many Devils wash (MDW) to keep livestock out of seeps.
 - NN AML/UMTRA will contact Robert Hayes, the grazing official for the Shiprock chapter, to verify locations of grazing permits/farming plots that may exist in MDW. The rights in MDW will be compared to the grazing agreement on the floodplain and reviewed against the current and proposed fencing to determine if any access is restricted.
 - DOE will explore excavating or installing wells above east fork to determine if source of seeps is located there and if so, look at possibility of capturing and pumping that source water to the evaporation pond.
 - DOE will collect additional water samples in Many Devils wash near the San Juan River.

4. Terrace water
 - Navajo Water Code administrator will follow up at next meeting with information on who has well permits in the area.
 - NN EPA will move forward on determining whether the artesian well can be decommissioned. If so, will require proposal to the chapter.

5. Background sampling
 - DOE will follow up with Terri Lameman (Navajo Water Code administrator) on her offer of a location on property owned by her family that is on a similar terrace as the UMTRCA cell for potential sampling as a background location.

6. Areas for additional study

- DOE will consider a pilot, hot/spot remediation study at the borrow pit area where contaminants tend to concentrate.
- DOE will further investigate if the disposal cell at Shiprock is acting as a continuing source of contaminants to the terrace and floodplain.

7. Community relations

- NN AML/UMTRA (Levon) will work on communicating with the public in order to alleviate concerns about the change in water color at the evaporation pond when dye is added to control algae growth, which is of concern to US Fish and Wildlife because of the attraction to migrating water birds.
- DOE (Stoller Public Affairs) will work with NN AML/UMTRA to develop simple fact sheet/FAQ for the public to communicate current site conditions, risks and cleanup actions. It was also suggested that we have an annual public meeting to improve communications with the community about the site conditions and the need to not circumvent institutional controls such as fencing in order to maintain protectiveness for the community.