

June 8, 2006

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Jamie Welles respectfully submits the following recommendations for the Mixed Waste Landfill Corrective Measure Implementation Plan (CMIP) to the New Mexico Environment Department based on the May 25, 2006 public meeting.

1. Conduct characterization of the site to understand the current situation of the landfill inventory before conducting work, including:
 - a. Noninvasive geophysical characterization using magnetic resonance and radar, and the latest instrumentation, which has a higher data resolution and different frequencies (older instrumentation use one frequency) than when the previous geophysical surveys were performed. This data should be maintained in the appropriate format so it can be used in the future as refinements in technology and algorithms advance in this field. This could assist in a better understanding of the waste and *containers* (or lack of).
 - b. Vadose zone sampling.
 - c. Groundwater monitoring that meets RCRA Subpart F.
2. Conduct research and testing to understand/model container decay in the landfill.
3. Verify the Fate and Transport Model by comparing the above results with the predictions of the model.
4. Validate the Fate and Transport Model by using the code at other sites selected by the NMED.
5. Establish a program to monitor plants and animals to ensure bioaccumulation and/or transportation of constituents of concern from the MWL do not occur.
6. Establish human population level triggers and corrective actions if these trigger are reached.
7. Develop, establish and approve a Long-Term Monitoring and Maintenance Plan before construction of the cap.

Sincerely,
Jamie L. Welles