

7/15/14  
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JUL 16 2014

WIPP Event Investigation  
LANL Summary Providing Input for WIPP Meeting on 7/15

NMED  
Hazardous Waste Bureau

*LANL Scientific and Operational Activities*

- Completed hourly visual inspections and daily thermography inspections of nitrate salt bearing waste containers since previously reported on 7/10. No issues or anomalies were identified in any of the inspections since 7/10.
- Daily headspace gas sampling through the filter on the SWB containing drum 68685 was taken. Today (7/14) the CO<sub>2</sub> measured 18,083 ppm vs 20,897 ppm on 7/13, and H<sub>2</sub> measured at 64 ppm vs 84 ppm on 7/13. No concerns reported by the chemist. Solid phase micro-extraction (SPME) technique results were unremarkable as reported by the chemist.
- Daily headspace gas sampling is continuing on seven additional SWBs to better be able to compare and evaluate results against the SWB containing drum 68685. No remarkable results have been observed and the chemists have collected the information they needed and a request has been submitted to the AIB to discontinue this sampling.
- A sampling summary and lessons learned report is being prepared for the sampling work performed on the empty parent containers.
- LANL causal analysis of the nitrate bearing salt waste process issues is in progress.
- Planning and preparing of recommendations for waste remediation and treatment is continuing. We are awaiting direction from chemistry.
- Chemistry investigations and lab tests are continuing.

*Coordination and Communications*

- Daily calls with NMED for the LANL Nitrate Salt Bearing Waste Container Isolation Plan are now held twice a week, on Tuesday and Thursday as directed and documented by NMED.

