

Environmental Management's Monthly Report to the CAB June 2008

Low-Level Waste (LLW):

Completed Activities (May)

- The Nevada Site Office (NSO) conducted two (2) impromptu Radioactive Waste Acceptance Program (RWAP) Facility Evaluations (FE). The evaluations were conducted at Stoller-Navarro Joint Venture in Las Vegas, Nevada, and Lawrence Livermore National Laboratory in Livermore, California.
- As of May 25, 2008, 632,193 ft³ of LLW in 699 shipments was disposed at the Nevada Test Site (NTS) during FY 2008.
- As of May 25, 2008, 21,489 ft³ of mixed LLW in 48 shipments was disposed at the NTS during FY 2008
- LLW Operations has worked 380,635 hours since its last lost-time accident (September 2003).
- On June 10-12, 2008, the Federal Waste Management Project Director will be attending the LLW Corporate Board Meeting in Oak Ridge, Tennessee. The purpose of the meeting is to update the Board on LLW disposal issues.

Expectations (June)

- Expect to receive 151,631 ft³ of LLW and MLLW for disposal.
- The LLW Sub-Project expects to conduct two (2) RWAP Impromptu Facility Evaluations at generator sites. The LLW Sub-Project expects to conduct one (1) announced RWAP Facility Audit of EnergX, in Oak Ridge, Tennessee.

Transuranic Waste (TRU)

Completed Activities (May)

- Equipment installed in the Visual Examination and Repackaging Building (VERB) was tested to ensure operational compliance and the facility was turned over to Area 5 Radioactive Waste Management Complex Operations personnel.
- The Final Area 5 Radioactive Waste Management Complex VERB Addendum to the Documented Safety Analysis/Technical Safety Requirements (DSA/TSR) that incorporates the oversized box size reduction activities was submitted to the NSO for review and approval.

Expectations (June)

- The Final Area 5 Addendum to the DSA/TSR will be approved by the Nevada Site Office.
- Area 5 Operations will finalize procedures for size reduction activities inside the VERB, complete training, and conduct a Management Self Assessment on operations to ensure readiness for the Operational Readiness Reviews.
- Meet with the Carlsbad Field Office to discuss the process and schedule for shipment of remaining legacy TRU waste to the Idaho National Laboratory (INL) consolidation site for certified characterization and shipment to the Waste Isolation Pilot Plant.

Industrial Sites:

Completed Activities (May)

- Corrective Action Unit (CAU) 116, Area 25 Test Cell C Facility
 - Continued decontamination and decommissioning fieldwork
- CAU 117, Area 26 Pluto Disassembly Facility
 - Began decontamination and decommissioning fieldwork
- CAU 134, Aboveground Storage Tanks

- Submitted the Final Streamlined Approach for Environmental Restoration (SAFER) to the Nevada Division of Environmental Protection (NDEP) for approval
- CAU 151, Septic Systems and Discharge Area
 - Received NDEP approval for the Final Closure Report
- CAU 234, Mud Pits, Cellars, and Mud Spills
 - Submitted the Final Corrective Action Decision Document/Closure Report (CADD/CR) to NDEP for approval
- CAU 546, Injection Well and Surface Releases
 - Began corrective action investigation fieldwork
- CAU 560, Septic Systems
 - Submitted the Final Corrective Action Investigation Plan (CAIP) to NDEP for approval
 - Received NDEP approval for the Final CAIP
- Received NDEP approval for the Final Post-Closure Inspection Letter Report for CAUs on the Nevada Test Site

Expectations (June)

- CAU 90, Area 2 Bitcutter Containment
 - Post-Closure Inspection
- CAU 92, Area 6 Decon Pond Facility
 - Post-Closure Inspection
- CAU 110, Area 3 WMD U-3ax/bl Crater
 - Post-Closure Inspection
- CAU 112, Area 23 Hazardous Waste Trenches
 - Post-Closure Inspection
- CAU 116, Area 25 Test Cell C Facility
 - Continue decontamination and decommissioning fieldwork
- CAU 117, Area 26 Pluto Disassembly Facility
 - Continue the decontamination and decommissioning fieldwork
- CAU 134, Aboveground Storage Tanks
 - Receive NDEP approval for the Final SAFER
- CAU 546, Injection Well and Surface Releases
 - Continue corrective action investigation fieldwork
- Submit the Final Post-Closure Inspection Report for CAUs on the Tonopah Test Range to NDEP for approval

Underground Test Area (UGTA)

Completed (May)

Frenchman Flat

- Completed DOE review of the Draft Phase II Transport Model Report.

Pahute Mesa

- Completed pumping and sampling at the Chancellor site, U-19ad PS #1A.

Yucca Flat

- Nothing new to report.

Rainier Mesa/Shoshone Mountain

- Finalized the Phase I Hydrology Data document on 5-7-08.
- Finalized the Phase I Transport Parameters Data document on 5-7-08.
- Completed NDEP review of the Modeling Approach Strategy Document and initiated comment responses.

Expectations (June)

Frenchman Flat

- Nothing new to report.

Pahute Mesa

- Complete pump installation, pumping and sampling of Well EU-2ce.

Yucca Flat

- Nothing new to report.

Rainier Mesa/Shoshone Mountain

- Finalize the Modeling Approach Strategy Document by June 6.
- Complete groundwater sampling at ER-12-3 and ER-12-4.

Soils:

Completed Activities (May)

- Submitted the final Corrective Action Investigation Plan (CAIP) for Corrective Action Unit (CAU) 370 to the Nevada Division of Environmental Protection (NDEP)
- Initiated the field work planning for CAU 370 characterization work
- Continue to resolve the comments for the draft CAU 107 Streamlined Approach for Environmental Restoration (SAFER) Plan for the low impact soil sites
- Continue the preliminary assessments of remaining soil sites.

Expectations (June)

- Submit the draft CAU 107 SAFER for the low impact soils sites
- Initiate the field characterization work for CAU 370, T-4 Atmospheric test sites
- Continue the preliminary assessments of remaining soil sites.

Public Involvement:

Completed Activities (May)

- Provided support and assistance for the Nevada Test Site Environmental Impact Statement Supplemental Analysis Open House meetings on May 5 (Pahrump, NV), May 6 (Las Vegas), and May 7 (St. George, UT).
- Participated in the Community Advisory Board for Nevada Test Site Programs public meeting on May 14 at 755 East Flamingo Rd in Las Vegas, NV.
- Met with the Environmental Management Student Forum (a group of high school students from Advanced Technologies Academy in Las Vegas, NV) four times (once a week) to development of an interactive Nevada Test Site Environmental Management timeline.

Expectations (June)

- Deliver and set-up the Groundwater Poster Display at Beatty Public Library, including fact sheets/brochures (approximate one month duration).
- Deliver and set-up the Transportation Poster Display and Transportation Drum Display at Amargosa Valley Public Library, including fact sheets/brochures (approximate one month duration).