

Environmental Management's Monthly Report to the CAB March 2007

Low-Level Waste (LLW):

Completed Activities (February)

- Conducted two (2) facility evaluations (Perma-Fix and BWXT Y-12).
- As of February 23, 2006 the Nevada Test Site received 261,093 cubic feet in 351 shipments.
- LLW Operations has worked 300,934 hours since last lost time accident (September 2003).

Expectations (March)

- Conduct five (5) facility evaluations (Lawrence Livermore National Laboratory, General Atomic, Boeing, Sandia National Laboratory, and Lovelace Respiratory Research Institute)

Mixed Low-Level Waste (MLLW):

Completed Activities (February)

- As of February 23, 2006 the Nevada Test Site has received 1622 cubic feet in seven (7) shipments.
- Conducted off-site Mixed Waste Verification at the BWXT Y-12 facility (Oak Ridge).

Expectations (March)

- No facility evaluations planned

Transuranic (TRU) Waste

Completed Activities (February)

- Continue planning for the size reduction and waste segregation of the oversized boxes.
- Disposed of six (6) Rocky Flats drums analyzed and determined to be low-level waste.

Expectations (March)

- The final plan including costs for the size reduction and waste segregation of the 58 oversized boxes will be submitted and approved.

Industrial Sites

Completed Activities (February)

- Began investigation fieldwork for Corrective Action Unit (CAU) 565: Stored Samples
- Continued investigation fieldwork at CAU 166: Storage Yards and Contaminated Materials
- Began corrective action fieldwork for CAU 127: Areas 25 and 26 Storage Tanks
- Completed corrective action fieldwork for CAU 536: Area 3 Release Site
- Completed sampling at all four Corrective Action Sites for CAU 553: Areas 19, 20 Mud Pits and Cellars

- Continued Decontamination & Decommissioning (D&D) fieldwork at CAU 118: Area 27 Super Kukla Facility
- Completed shipment of LLW from CAU 168: Area 25 and 26 Contaminated Materials and Waste Dumps
- Received Nevada Division of Environmental Protection (NDEP) approval for the Corrective Action Investigation Plan (CAIP) for CAU 563: Septic Systems
- Submitted for NDEP approval the CAIP for CAU 556: Dry Wells and Surface Release Points
- Submitted an Errata Sheet for the Corrective Action Decision Document (CADD) to NDEP for CAU 139: Waste Disposal Sites
- Received NDEP approval for the Closure Report (CR) for CAU 168: Area 25 and 26 Contaminated Materials and Waste Dumps
- Submitted for NDEP approval of the CR for CAU 177: Mud Pits and Cellars
- Submitted for NDEP approval of the CR for CAU 538: Spill Site
- Submitted and received NDEP approval for the Post-Closure Inspection Letter Report for CAU 91: Area 3 U-3fi Injection Well

Expectations (March)

- Begin investigation fieldwork for CAU 190: Contaminated Waste Sites
- Continue investigation fieldwork for CAU 166: Storage Yards and Contaminated Materials
- Continue investigation fieldwork for CAU 565: Stored Samples
- Continue corrective action fieldwork for CAU 127: Areas 25 and 26 Storage Tanks
- Continue corrective action fieldwork for CAU 484: Surface Debris, Waste Sites, and Burn Area (TTR)
- Begin D&D fieldwork for CAU 116: Area 25 Test Cell C Facility
- Continue D&D fieldwork for CAU 118: Area 27 Super Kukla Facility
- Receive NDEP approval of the CAIP for CAU 556: Dry Wells and Surface Release Points
- Submit to NDEP for approval the CADD/CR for CAU 137: Waste Disposal Sites
- Submit to NDEP for approval the CADD/CR for CAU 555: Septic Systems
- Submit to NDEP for approval the CADD for CAU 166: Storage Yards and Contaminated Materials
- Receive NDEP approval for the Errata Sheet for the CADD for CAU 139: Waste Disposal Sites
- Submit to NDEP for approval the Corrective Action Plan (CAP) for CAU 151: Septic Systems
- Receive NDEP approval for the CR for CAU 177: Mud Pits and Cellars
- Receive NDEP approval for the CR for CAU 538: Spill Sites
- Submit to NDEP for approval the CR for CAU 516: Septic Systems and Discharge Points
- Submit to NDEP for approval the Post-Closure Inspection Letter Report for CAUs 5, 115, 140, 143, 165, 204, 219, 254, 261, 262, 271, 309, 322, 335, 339, 357, 529, 552, and 554 on the Nevada Test Site

- Submit to NDEP for approval the Post-Closure Inspection Report for CAU 92: Area 6 Decon Pond Facility

Underground Test Area (UGTA)

Completed Activities (February)

Frenchman Flat

- Continue Phase II Transport Modeling Analysis and Evaluation

Pahute Mesa

- Continue Phase I Transport Modeling Analysis and Evaluation

Yucca Flat

- Continue report development for Phase I Transport Parameter Data Analysis
- Continue Phase I Flow Model Analysis and Evaluation

Rainier Mesa/Shoshone Mountain

- Continue Phase I Transport Parameter Analysis and Evaluation
- Continue Phase I Hydrology Analysis and Evaluation

Expectations (March)

Frenchman Flat

- Conduct pumping and sampling at the RNM #1 and RNM #2S well sites
- Continue Phase II Transport Modeling Analysis and Evaluation
- Continue Phase II Transport Model draft report development

Pahute Mesa

- Continue Phase II Transport Modeling Analysis and Evaluation
- Continue Phase II Transport Model draft report development

Yucca Flat

- Complete draft Phase I Transport Parameter report and initiate Phase I Transport Parameter report DOE Review
- Continue Phase I Flow Model Analysis and Evaluation

Rainier Mesa/Shoshone Mountain

- Continue Phase I Transport Parameter Analysis and Evaluation
- Continue Phase I Hydrology Analysis and Evaluation

Soils

Completed Activities (February)

- Submitted the draft Soils grouping/strategy document for National Nuclear Security Administration review on February 23, 2007
- Submitted Clean Slate I, II, III, and Double Tracks data report that compares the 1993 flyover data to the 2006 flyover data.
- Continued developing fencing and posting requirements for Nevada Test and Training Range (including the Tonopah Test Range) soil sites (Clean Slate I, II, III, and Double Tracks).
- Completed the Tonopah Test Range Posters illustrating the remediation history and statutory documentary records
- Continued to input data (i.e. Maps, drawings, Federal Facilities Agreement and Consent Order documents, Soils characterization information) into the Soils Project Database for use by project personnel.

Expectations (March)

- Incorporate National Nuclear Security Administration comments on the draft Soils grouping/strategy document.
- Finalize fencing and posting requirements for Nevada Test and Training Range (including the Tonopah Test Range) soil sites (Clean Slate I, II, III, and Double Tracks).
- Continue to populate the Soils Project Database.

Public Involvement:

Completed Activities (February)

- There were no inquiries by the general public.