

CAB Monthly Update
October/November 2006

Industrial Sites:

Accomplishments (September)

- Continued characterization fieldwork at Corrective Action Unit (CAU) 166: Storage Yards and Contaminated Materials.
- Completed CAU 551: Area 12 Muckpiles, Corrective Action Decision Document/Closure Report best management practice fieldwork.
- Completed radiological and geophysical surveys for CAU 408: Bomblet Target Area, on Antelope Lake at the Tonopah Test Range.
- Completed low-level waste disposal for CAU 115: Area 25 Test Cell A Facility.
- Continued corrective action fieldwork at CAU 516: Septic Systems and Discharge Points and at CAU 168: Area 25 and 26: Contaminated Materials and Waste Dumps.
- Submitted to the Nevada Department of Environmental Protection (NDEP) for approval the final Post-Closure Inspection and Monitoring Report (2006) for CAU 329: Spill Sites.
- Submitted to NDEP for approval the final Closure Report for CAU 528: Polychlorinated Biphenyls Contamination.
- Submitted to and received from NDEP approval of the final Corrective Action Decision Document/Closure Report for CAU 274: Septic Systems.
- Submitted to and received from NDEP approval of the final Closure Report for CAU 214: Bunkers and Storage Areas.
- Received NDEP approval of the final Streamlined Approach For Environmental Restoration Plan for CAU 118: Area 27 Super Kukla Facility.
- Received NDEP approval of the final Corrective Action Investigation Plan for CAU 565: Stored Samples.
- Received NDEP approval of the final Post-Closure Inspection Reports for CAU 90: Area 2 Bitcutter Containment, and CAU 333: U-3auS Disposal Site.
- Received NDEP approval of the final Post-Closure Inspection and Monitoring Reports for CAU 110: Area 3 Waste Management Disposal U-3ax/bl Crater, and CAU 342: Area 23 Mercury Fire Training Pit.

Planned Activities (October)

- Continue characterization fieldwork at CAU 166: Storage Yards and Contaminated Materials.
- Continue corrective action fieldwork at CAU 168: Area 25 and 26 Contaminated Materials and Waste Dumps.
- Complete corrective action fieldwork at CAU 516: Septic Systems and Discharge Points.
- Complete geophysical/radiological surveys of the Davis Gun Sites at CAU 484: Surface Debris, Waste Sites, and Burn Area at the Tonopah Test Range.
- Perform removal of two buried rockets for CAU 496: Buried Rocket Site, at the Tonopah Test Range.
- Submit to NDEP for approval the final Closure Report for CAU 540: Spill Sites.
- Submit to NDEP and receive approval for the final Corrective Action Plan for CAU 543: Liquid Disposal Units.
- Receive NDEP approval for the final Closure Report for CAU 528: Polychlorinated Biphenyls Contamination.

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- Receive NDEP approval for the final Post-Closure Inspection and Monitoring Report (2006) for CAU 329: Spill Sites.
- Receive NDEP approval for the final Streamlined Approach For Environmental Restoration Plan for CAU 118: Area 27 Super Kukla Facility, Revision 1.

Planned Activities (November)

- Continue characterization activities at CAU 166: Storage Yards and Contaminated Materials.
- Begin D&D field work at CAU 118: Area 27 Super Kukla Facility.
- Begin Depleted Uranium cleanup at CAU 484: Surface Debris, Waste Sites, and Burn Area at the Tonopah Test Range.
- Begin Depleted Uranium cleanup at CAU 496: Buried Rocket Site at the Tonopah Test Range.
- Complete corrective action field work at CAU 168: Area 25 and 26 Contaminated Materials and Waste Dumps.
- Submit to NDEP for approval the final Corrective Action Plan for CAU 145: wells and Storage Holes.
- Submit to NDEP for approval the final Streamlined Approach for Environmental Restoration Plan for CAU 408: Bomblet Target Area and CAU 553: Areas 19, 20 Mud Pits and Cellars.
- Submit to NDEP for approval the final Corrective Action Decision Document for CAU 168: Area 25 and 26 Contaminated Materials and Waste Dumps, Revision 2.
- Submit to NDEP for approval the final Corrective Action Decision Document/Closure Report for CAU 551: Area 12 Muckpiles, Revision 1.
- Receive NDEP approval for the final Closure Report for CAU 540: Sill Sites.

Underground Test Area Project:

Accomplishments (September)

Rainier Mesa/Shoshone Mountain

- Completed sampling activities at HTH-2

Planned Activities (October):

- Continue Phase I geologic, hydrologic and geochemical data acquisition
Frenchman Flat
 - Continue Phase II Transport Model analysis
- Continue Phase I Transport Model analysis
Pahute Mesa
- Continuing Transport Parameters Analysis and Evaluation
Yucca Flat
- Complete Draft Hydrostratigraphic Model and Alternatives for Groundwater Flow and Contaminant Transport Model of Corrective Action Unit 99: Rainier Mesa-Shoshone Mountain, Nye County, Nevada.

Planned Activities (November):

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Rainier Mesa/Shoshone Mtn.

- Initiate Phase I Transport Parameter Analysis and Evaluation
- Continue Phase I Hydrostratigraphic/Geologic Modeling
- Continue Phase I Hydrology Analysis and Evaluation

Frenchman Flat

- Continuing Phase II Transport Modeling Analysis and Evaluation

Pahute Mesa

- Continue Phase I Transport Modeling Analysis and Evaluation

Yucca Flat

- Continue Phase I Transport Parameter Data Analysis
- Continue Phase I Source Term Analysis and Evaluation

Nevada Offsites Project

- The Offsites were transferred to the Office of Legacy Management on October 1, 2006.

Soils Project

Accomplishments (September)

- Completed remote sensing gamma fly-over of Clean Slate II and processed data.
- Submitted FFACO modifications to move nine soil Corrective Action Sites (CAS) into Appendix II of the FFACO.

Planned Activities (October):

- Work to finalize nuclear facility categorizations for Soils sites.
- Finalize fencing and posting decision for sites at Tonopah Test Range (TTR).
- Prepare implementation plan for fencing and posting decision.
- Submit TTR historical timeline poster board.
- Begin consolidation of data and outline Soils information database.

Planned Activities (November)

- Complete report for fencing and posting alternatives at TTR soil sites.
- Continue preparing strategy document for grouping of CASs at the Nevada Test Site (NTS).

Low-Level Waste (LLW):

Accomplishments (September)

- Conducted two LLW Generator Facility Evaluation (Portsmouth and Nuclear Fuel Services).
- As of September 30, 2006 (end of FY 2006) the NTS received 1,172,948 cubic feet in 1,128 shipments. No shipments went through the Las Vegas Valley or over Hoover Dam, however, one shipment sent by Princeton Plasma Physics Laboratory from Northern California was sent through the Reno corridor.
- LLW Operations has worked 279,830 hours since last lost time accident (Sept 2003).

Planned Activities (October)

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- Will conduct two Facility Evaluation (Initial Audit of the Advanced Mixed Waste Treatment Facility in Idaho, and an Assistance Visit to PEcoS Treatment Facility who is pursuing an approved NTS program).
- Waste Generator Workshop in Portsmouth to discuss updates on the Nevada Test Site Waste Acceptance Criteria.
- Expecting 30,000 ft³ of LLW by October 31, 2006

Planned Activities (November)

- Will conduct two Impromptu Facility Evaluations.
- Expecting 40,000 ft³ of LLW by November 30, 2006

Mixed Low-Level Waste (MLLW):

Accomplishments (September)

- Conducted on-site verification of waste shipments from Savannah River Site (just prior to September 1, 2006) and from Sandia National Laboratory.
- The MLLW summit meeting was held the week of September 11, 2006 to discuss how the DOE complex can utilize Pit 3 since the volumes projected are low.

Planned Activities (October)

- Expecting 800 ft³ of MLLW by October 31, 2006

Planned Activities (November)

- Expecting 4,000 ft³ of LLW by November 30, 2006

Transuranic (TRU) Project:

Accomplishments (September)

- The glovebox was removed from the Visual Examination and Repackaging Building on September 25, 2006 and is being stored in the TRU Pad Cover Building awaiting approval of the Waste Stream Profile Form for disposal as low-level waste on-site.
- The Request for Task Proposals to procure a contractor to segregate and repackage 58 oversize boxes and two spheres was cancelled. The scope of work was delegated to NSTec. A proposal is being developed for review and approval by NSO.

Planned Activities (October/November):

- NSTec will develop a proposal with cost and schedule for the repackaging and segregation of the waste in the 58 oversized boxes and two spheres. The proposal must be accepted by the Nevada Site Office before the planned activities for the TRU Project can be described.
- Upon approval of the Waste Stream Profile Form, the VERB glovebox will be disposed as LLW at the NTS