

Environmental Management's Monthly Report to the CAB July 2009

Low-Level Waste (LLW)

Activities (June)

- The LLW Sub-Project conducted a Radioactive Waste Acceptance Program (RWAP) Facility Audit of Portsmouth Plant in Ohio. The team identified three (3) findings and eight (8) observations. The team directed Portsmouth to self-suspend its PORT-LPP000012, *Building X-770 Contaminated Demolition Debris* waste stream because Portsmouth did not have procedures requiring it to designate PCB waste streams going to Nevada for disposal into the NTS' MLLW disposal unit. Although the team directed Portsmouth to self-suspend a waste stream, the findings and observations were not of significant impact to warrant termination of Portsmouth's Nevada Test Site Waste Acceptance Criteria certification. Portsmouth will respond to findings and observations within the next 60 days.
- As of June 28, 2009, the cumulative LLW volume received for FY 2009 is 845,019 ft³ in 951 shipments. The cumulative mixed LLW (MLLW) volume received for FY 2009 is 24,424 ft³ in 53 shipments. LLW Operations has worked 462,648 hours since its last lost-time accident (September 2003).

Planned Activities (July)

- Expect to receive approximately 150,000 ft³ of LLW and MLLW for disposal during the month.
- The LLW Sub-Project plans to conduct three (3) RWAP impromptu Facility Surveillances.
- The Sub-Project plans to submit the Corrective Actions Decision Document/Corrective Action Plan for closing the first 92-Acres of the Area 5 Radioactive Waste Management Site to the Nevada Division of Environmental Protection.

Transuranic Waste (TRU)

In June, the two remaining containers of TRU waste were certified for shipment to the Idaho National Laboratory TRU Waste Consolidation Facility. The final NTS TRU waste shipment has been scheduled for July 9, 2009.

Completion of the shipment will satisfy the Final 2009 Site Treatment Plan revised milestone for all legacy TRU wastes (drums and oversized box waste) to be shipped off-site by July 31, 2009.

Underground Test Area (UGTA)

Activities (June)

- Frenchman Flat
 - Nothing new to report.
- Pahute Mesa
 - Completed mobilization and drilled ER-20-7 well to a total depth of 2,936 feet and currently running geophysical logging services.
 - Tritium contamination was found at ER-20-7, this was expected. Levels present were between 10,000 and 60,000,000 pCi/L
 - Began construction of the ER-20-8 conductor hole and installed 30 inch OD casing to a depth of 104 feet.
 - Began construction of drill pad and sumps at the ER-EC-11 well site.
 - Began compiling information for the Well Completion Report for Well ER-20-7
- Yucca Flat

- Nothing new to report.
- Rainier Mesa/Shoshone Mountain
 - Nothing new to report.

Planned Activities (July)

- Frenchman Flat
 - Conduct final computer runs for the flow and transport model.
- Pahute Mesa
 - Complete construction and completion of the ER-20-7 investigation well.
 - Complete construction of the conductor hole, move drilling equipment from the ER-20-7 site to the ER-20-8 investigation well site and begin main hole construction activities.
 - Complete construction of the ER-EC-11 drill pad, sumps and conductor hole
- Yucca Flat
 - Nothing new to report.
- Rainier Mesa/Shoshone Mountain
 - Nothing new to report.

Industrial Sites

Activities (June)

- Corrective Action Units (CAUs) 90, 92, 110 and 112
 - Performed Post-Closure Inspection
- CAU 114, Area 25 EMAD Facility
 - Continued closure field work
 - Performed Waste Management activities
- CAU 116, Area 25 Test Cell C Facility
 - Began closure field work
- CAU 117, Area 26 Pluto Disassembly Facility
 - Submitted Final Closure Report (CR) to Nevada Division of Environmental Protection (NDEP)
- CAU 134, Aboveground Storage Tanks
 - Submitted Final CR to NDEP
- CAU 166, Storage Yards and Contaminated Materials
 - Completed closure field work
- CAU 560, Septic Systems
 - Performed Field Work and Waste Management activities

Planned Activities (July)

- CAU 111, Area 5 Waste Management Division Retired Mixed Waste Pits
 - Submit Final Corrective Action Decision Document (CADD)/Corrective Action Plan (CAP) to NDEP
- CAU 116, Area 25 Test Cell C Facility
 - Continue closure field work
- CAU 117, Area 26 Pluto Disassembly Facility
 - Receive approval from NDEP for Final CR
- CAU 134, Aboveground Storage Tanks
 - Receive approval from NDEP for Final CR
- CAU 408, Bomblet Target Area (Tonopah Test Range)
 - Begin field remediation activities
- CAU 562, Waste Systems

- Perform Waste Management activities

Soils

Activities (June)

- Corrective Action Unit (CAU) 107, Low Impact Soil Sites
 - Submitted Final Closure Report (CR) to Nevada Division of Environmental Protection (NDEP)
- CAU 370, T-4 Atmospheric Test Site
 - Received approval on Final Corrective Action Decision Document (CADD)/CR from NDEP
- CAU 371, Johnnie Boy Crater and Pin Stripe
 - Continued field work
- CAU 372, Area 20 Cabriolet/Palanquin Unit Craters
 - Submitted Final Corrective Action Investigation Plan (CAIP) to NDEP

Planned Activities (July)

- CAU 107, Low Impact Soil Sites
 - Receive approval from NDEP on Final CR
- CAU 367, Area 10 Sedan, Ess and Uncle Unit Craters
 - Conduct Data Quality Objectives Meeting
- CAU 372, Area 20 Cabriolet/Palanquin Unit Craters
 - Receive approval on CAIP from NDEP

Public Involvement

Activities (June)

- The Operation Clean Desert display was exhibited at Bass Elementary School in Las Vegas during the entire month of June. Approximately 900 students viewed the display during this time which included the school's Science and Technology Week, an open house venue which parents attended.

Planned Activities (July)

- Participated in the July 8 Community Advisory Board (CAB) for Nevada Test Site Programs Full Board meeting in Las Vegas, NV.