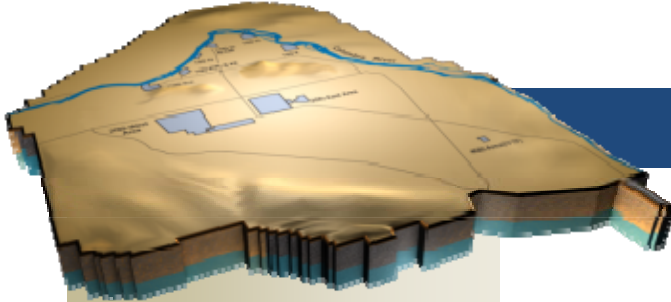


ARRA Weekly Report



Week Ending April 16, 2010

April 20, 2010
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OVERVIEW

CH2M HILL Plateau Remediation Company (CHPRC) is using funds from the American Recovery and Reinvestment Act (Recovery Act) to accelerate cleanup and demolition efforts across the Central Plateau and along the river corridor to help pursue the U.S. Department of Energy (DOE) 2015 vision and shrink the Hanford Site cleanup footprint.

RL-0011 Nuclear Materials Stabilization & Disposition

CHPRC is accelerating critical decontamination and decommissioning (D&D) work to prepare the Plutonium Finishing Plant (PFP) for demolition three years ahead of the Tri-Party Agreement milestone of September 2016. The work scope includes removing over 180 glove boxes/laboratory hoods and other highly contaminated equipment from the 234-5Z, 242-Z, and 2736-ZB buildings as well as preparing the former special nuclear material storage structures and other ancillary buildings for demolition.

RL-0013 Solid Waste Stabilization & Disposition

Recovery Act funds are allowing CHPRC to accelerate retrieval of 2,500 m³ of suspect transuranic (TRU) waste, eliminate 1,800 m³ of mixed low-level and low-level waste (MLLW and LLW), and accelerate the overall cleanup of legacy waste and fuels on the Hanford Site.

RL-0030 Soil & Groundwater Remediation, Groundwater/Vadose Zone

In the ongoing effort to protect the Columbia River, CHPRC is using Recovery Act funding to construct two groundwater treatment facilities, install over 300 wells that will be used for monitoring, extracting, and remediating groundwater, and decommission 350 wells that are no longer of service.

RL-0040 Nuclear Facility D&D – Remainder of Hanford

Across the Central Plateau and along the outer zone of the Hanford Site, CHPRC is accelerating the demolition of facilities to reduce mortgage costs on buildings that are no longer of service and provide access to waste sites located underneath.

RL-0041 Nuclear Facility D&D – River Corridor Closure Project

In the 100K Area along the Columbia River, CHPRC is demolishing 12 buildings and remediating 49 wastes sites to clear the area and prepare for the disposition of two reactors, K East and K West.

ACCOMPLISHMENTS

RL-0011 Nuclear Materials Stabilization & Disposition

RL-0011.R1: Plutonium Finishing Plant D&D

To date, 50 glove boxes and hoods have been removed from their originally installed locations at PFP with Recovery Act funds. Forty of these have been shipped out of PFP for treatment or disposal, five are awaiting shipment, and five are staged for future size reduction and disposal as TRU waste. CHPRC has also shipped 819 cubic meters of LLW and 116 cubic meters of TRU waste from PFP.

Laboratory areas

Three hoods were separated from building ventilation, removed from room 191 of the Plutonium Process Development Laboratory, and loaded into shipping/disposal containers.

Hood 221C-1 was isolated from building ventilation and is now ready for removal from the Standards Laboratory. Hood 221C-2, the last hood remaining to be removed from building ventilation in the Standards Laboratory, is expected to be completed next week, setting the stage for disposal of all eight glove boxes/hoods in this area as soon as beryllium clearance surveys can be completed and analyzed.

Three glove boxes in the Analytical Laboratory are ready for removal from room 136 after an eyewash station can be removed and a doorway widened to support removal of the interconnected glove boxes. Two hoods in room 148 of the Analytical Laboratory were also removed from building ventilation and relocated within the room. Work was temporarily suspended in a safe configuration when unexpected contamination was discovered between the hoods and the room wall behind them. Equipment removal is continuing from six glove boxes/hoods in room 139.



Photo 1

Two of three hoods recently removed from room 191 of the Plutonium Process Development Laboratory are loaded into a container for transport and disposal at the Environmental Restoration Disposal Facility.

Plutonium processing areas

Preparations continued for isolating glove box HC-60 from building ventilation and relocating the glove box to an area with lower background radiation for additional surveys and non-destructive assay (NDA). Process equipment removal continued on glove boxes HA-28, HA-46, and 400.

Implementation of the recovery plan and corrective actions for a nitric acid exposure in room 227 in late March is nearing completion, and work is expected to resume shortly on glove boxes in that room.

A decision was made to attempt targeted decontamination on glove box HC-230C-3, which was previously decontaminated and removed from the RMC Line area for surveys and NDA in an area with lower background radiation. Measurements of the residual contamination in the box revealed elevated dose rates in several areas that may be able to be decontaminated to meet LLW acceptance criteria. If not, those sections of the glove box may be removed and disposed of as TRU waste and the remainder of the box can be disposed of on-site at the Environmental Restoration Disposal Facility (ERDF).



The interior of glove box HA-28 following the removal of a section of the conveyor belt that ran the length of the glove box. The equipment is being size reduced to allow for removal through the glove ports.

Photo 2



Workers (top left) remove process equipment from multi-level glove box HA-46. Following process equipment removal and decontamination of the interior, survey of the glove box will determine the path forward for its removal and disposition. The entire glove box, and others like it, will be removed from the Plutonium Finishing Plant before demolition of the facility begins.

Photo 3

2736-Z/ZB Vault Complex

Decontamination of the glove box in room 636 is nearing completion and progress surveys will be conducted next week. Process equipment removal continued in glove boxes in room 642 pending installation of a new panel and larger load-out port.

242-Z Americium Recovery Facility

A D&D team completed additional entries into the control room. The team is preparing to complete the fire system inspections and fix contamination in the control room. Preparations are under way to re-enter the tank room to remove the small quantity of combustibles observed during the initial entry last week.

Infrastructure, process support systems, and equipment removal

Training and mock-ups are nearing completion to support removal of heavily contaminated process vacuum system piping from the 234-5Z and 291-Z facilities. Modifications are in progress to better ventilate work areas of potential chemical vapors and facilitate removal of cut pipe from the work area.

Significant progress was made in completing NDA measurements of inactive systems, piping, and ductwork throughout the 234-5Z building. NDA crews completed measurements of:

- 30 feet of criticality drain lines
- 20 feet of vacuum piping
- 30 feet of glove box/hood exhaust ducts
- numerous transfer and vacuum lines in room 228-A
- 3 miscellaneous lines running to room 228-B.

The crews also completed measurements of process holdup, or residues resulting from processing, in five glove boxes in room 642 of the 2736-ZB building.

Field construction forces continued mobilizing for the installation of a supplemental cooling system to improve safety and working conditions during D&D of the process facilities during the upcoming summer months. Installation work is now ongoing on the third floor of the 234-5Z building and in the yard area outside the building.

Five defensive fighting positions and a small guard station were removed from within the PFP yard area and relocated to Hanford Patrol's 200 West Area Headquarters for possible use elsewhere on the site. Work also continued on removal of the former vehicle barrier surrounding the PFP complex. Most of the west, south, and east sections of the barrier have now been removed for reuse by the CHPRC Waste and Fuels Management Project.

More than 230 feet of asbestos insulation was removed in the 234-5Z building last week, bringing the total removed with Recovery Act funds to nearly 8,900 feet.

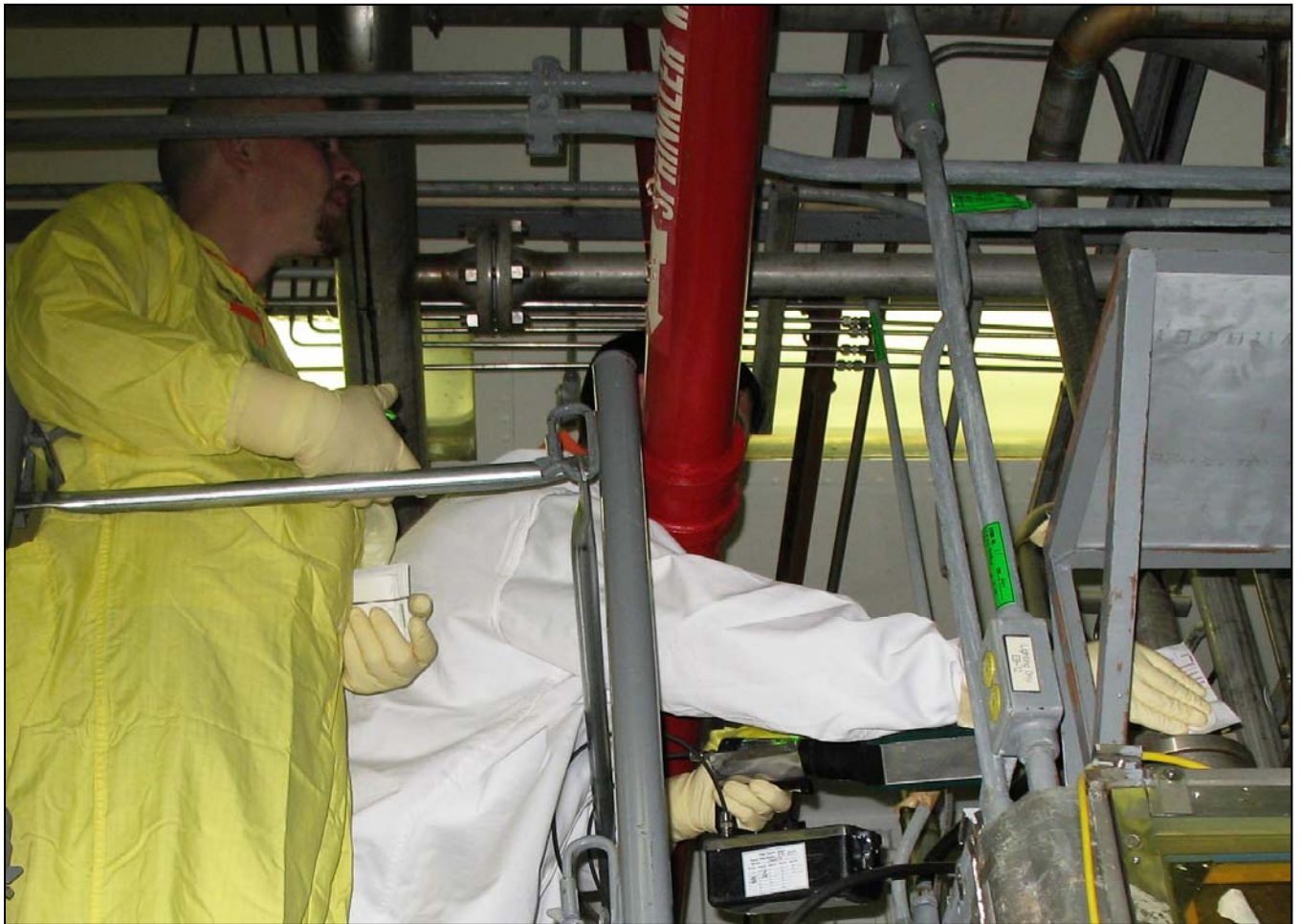


Photo 4

Workers are performing non-destructive assay of piping and ductwork within the 234-5Z building to determine whether the piping contains significant quantities of fissile materials. The results will determine whether the piping needs to be removed and disposed of as transuranic waste or if it can be left in place for demolition with the building.



Photo 5

A close-up of the piping now marked with stickers indicating the piping has undergone non-destructive assay. Workers are in the process of assaying miles of piping and ductwork that span the Plutonium Finishing Plant in complex configurations. Piping that contains significant quantities of fissile material will have to be removed and disposed of as transuranic waste.



Photo 6

Five defensive fighting positions and a small guard station are staged for reuse elsewhere on the site following removal from the Plutonium Finishing Plant. The structures supported the heightened security measures that were in place until late 2009 when the vaults were emptied of plutonium-bearing material and security was downgraded.

RL-0013 Solid Waste Stabilization & Disposition

RL-0013C:R1.1: MLLW Treatment

Of the 1,800 m³ of MLLW and LLW planned for treatment and disposal under the Recovery Act:

- 915 m³ of MLLW and LLW have been shipped to date including:
 - 458 m³ that have been treated and disposed.
 - 457 m³ at off-site treatment facilities awaiting processing. Treatment is scheduled for FY10.

Three shipments of waste were sent out for treatment last week: 10 drums (2.5 m³) of remote-handled MLLW were shipped on April 12; nine drums (1.9 m³) of MLLW debris as well as another 7 drums (1.5 m³) of MLLW debris were shipped on April 15. All three shipments were sent from the Central Waste Complex (CWC) to Perma-Fix Northwest (PFNW). The waste will be non-thermally treated through macro-encapsulation and packaged for disposal at Hanford's Mixed Waste Disposal Units.



Photo 7

Drums containing mixed low-level waste are being loaded onto a truck for shipment from the Central Waste Complex. The shipment contains 10 drums – seven of debris and three of non-debris – that will be sent to Perma-Fix Northwest to be thermally treated through macro-encapsulation for disposal in Hanford's Mixed Waste Disposal Units.

Environmental Restoration Disposal Facility (ERDF) "Self Perform" Project

Twelve of 14 procured trucks are on-site and in operation transporting roll-on/roll-off containers between CHPRC projects and ERDF, Hanford's on-site landfill engineered to receive LLW. CHPRC is awaiting the arrival and completion of Department of Transportation inspections of the remaining trucks.

RL-0013C:R1.2: TRU Waste

TRU Retrieval

Corrective Action Plan activities continued to support resumption of waste retrieval activities. The Retrieval Plan (RP-1) for 3A Trench 17 was completed and the approval process has begun. The Hazard Review Board meeting for the work package to remove Box 3 in 3A Trench 17 was completed and the requested revisions were incorporated.

Three emergency preparedness drills were completed using the new procedure SW-ERP-011, Response to Off-Normal Condition at Waste Retrieval Project.

Work continued on the recovery plan to move boundaries inward for 4B Trench 11 and to move the 4C

Process Area tent. The 3A Solid Waste Information and Tracking System wireless communications skid for Lockheed Martin Services, Inc. was relocated and barcode scanners were verified to ensure they were working properly.

Alpha Caisson Retrieval Project

Recommendations of optimization studies were finalized and direction to proceed on revisions was provided to the design contractors. The Safety Design Integration technical meeting was completed to review and concur on design controls for hazards. Design teams continued focusing on completing common designs that will be used for both retrieval and processing systems such as drum handling equipment, decontamination stations, and shielded transport containers. For the Waste Retrieval System, the ARES Corporation continued final design development focusing on the remote retrieval system, and the shielded transfer containers and accessories. For the Waste Processing System, AREVA continued preliminary design efforts on the transfer module, processing cell, and maintenance modules.

TRU Project Drum Repackaging

Of the 850 m³ planned to be characterized and repackaged under the Recovery Act:

- 1,134 drums (235.9 m³) have been repackaged.
- 19 TRUPACT-II shipments (798 drums, 166 m³) have been shipped.



Photo 8

Workers check a TRUPACT-II shipment being prepared for shipment from the Waste Receiving and Processing facility to the Waste Isolation Pilot Plant in New Mexico.



Photo 9

TRUPACT-II shipments leave the Waste Receiving and Processing Facility bound for the Waste Isolation Pilot Plant. A total of five shipments left the facility last week. Shipments will continue at this rate through the fiscal year. These shipments were able to resume thanks to Recovery Act funding used to help remove hazardous waste from the Hanford Site.

RL-0030 Soil & Groundwater Remediation, Groundwater/Vadose Zone

RL-0030.R1: Central Plateau Soil & Groundwater

200 West Groundwater Treatment Facility

The design activities for the 200 West Groundwater Treatment Facility continued and are expected to be completed in the near future. The initial stages of construction continued with 30 high-density polyethylene (HDPE) piping road crossings completed, approximately 50 percent of the HDPE pipe installed, 15 electrical power racks fabricated and placed at the extraction well sites, and mobilization of the construction contractor was initiated to complete the installation of the transfer building shells.

DX Groundwater Treatment Facility

Electrical, mechanical, and process equipment is being mobilized and installed in the process and two transfer buildings comprising the DX Groundwater Treatment Facility. The progress is listed below.

Building	Electrical Equipment (% complete)	Mechanical Equipment (% complete)
Process	55%	55%
Transfer (M1)	70%	80%
Transfer (M2)	50%	60%



Influent piping installed in the process building of the DX Groundwater Treatment Facility. Equipment installation is more than halfway complete for all three of the buildings that will make up the treatment facility that is under construction with \$20 million in Recovery Act funding.

Photo 10

Well Drilling & Decommissioning

Planning activities are in progress for installing wells in the 100-KR-4 (17 wells), 100-HR-3 (34 wells), 100-BC-5 (6 wells), and 300-FF-5 (11 wells) operable units. The following table showcases recent progress in well drilling and decommissioning.

Operable Unit	Scope (Wells to be drilled with Recovery Act funding)	In progress	Drilled to Total Depth ¹	Completed or Developed ²
100-NR-2	Expand the apatite barrier to better contain a strontium-90 plume along the Columbia River (171 wells)	155	154	73
100-HR-3	Support the optimization of removal of chromium (16 wells)	14	10	7
M-24	Support characterization of the aquifer (5 wells)	3	-	-
200-ZP-1	Support the 200 West Groundwater Treatment Facility that will primarily treat carbon tetrachloride contamination in the groundwater (17 wells)	11	8	6
Site-wide	Decommission wells that are no longer of service ³ (350 wells)			54

¹ Wells are drilled to varying depths to address contaminants at different depths in the soil.
² When a well is developed, the well screen and riser pipe are placed in the hole, filter pack material is placed around the screen, and the well has been surged and pumped to establish good communication between the well and the surrounding soil.
³ Wells that are inactive or no longer of service are filled with grout (or other materials such as sand or clay), the casing is removed, and a cap or marker is installed to indicate where the well was previously located.

RL-0040 Nuclear Facility D&D – Remainder of Hanford

RL-0040.R1.1: U Plant/Other D&D

U Canyon

Equipment placement activities resumed this week with four cells completed. This brings the number of cells filled and closed to 21. Eighty five percent of the large tracked items have been placed in the cells. The crane camera was repaired. The camera provides a panoramic view of the canyon. Pipe trench cover blocks were removed to enable locating of vents that traverse from the pipe trench to the vent tunnel. Location of these vents is needed for future grouting evolutions. The grout system design and sequence for future grouting activities have been drafted and are being reviewed. Repairs continued on the emergency lighting and doors to bring the facility in compliance with Life Safety Code requirements. Discussions continued regarding various aspects of shipping the D-10 tank in cell 30 to T Plant.



Photo 11

Workers prepare a large piece of equipment for placement into a cell in the U Canyon. With the canyon crane back in service after repairs, four cells were completed last week, bringing the number of cells filled and closed to 21.



Photo 12

A large piece of equipment is placed into a cell in the U Canyon, where it will eventually be grouted into place and left for long-term disposal as the upper portion of the canyon is demolished.

U Plant Ancillary Facilities

Asbestos abatement continued in the 224-U and 224-UA buildings. Abatement in the lower portion of the tower is complete and cleanup and fixative application will be complete next week. All asbestos work in the 224-U building will be complete next week. All abatement in the 224-UA building is finished with the completion of the motor room piping planned for this week. Inspections and fixative application for the potential high holdup locations continued and will continue next week. Demolition planning, equipment movements, and preparations are in progress.



Photo 13

Workers remove asbestos-containing material from piping in the 224-U Building. Asbestos abatement is ongoing at both the 224-U and the 224-UA buildings to prepare them for demolition this spring. The buildings are two of three remaining U Ancillary facilities that are planned for demolition.

200 East Core Industrial Area

Entries into the 284-E Powerhouse continued to support preparation of the Waste Identification Form and cold and dark activities. Asbestos abatement continued on exterior piping of the Powerhouse.

Construction of the asbestos containment systems and scaffolding was initiated. Demolition preparations for the 272-E and 275-E buildings were completed.

209-E Criticality Mass Laboratory

Internal review continued for several key documents (i.e., Facility Hazards Analysis, Documented Safety Analysis, Notice of Construction, and Criticality Safety Evaluation Report) that will support D&D activities at the 209-E Criticality Mass Laboratory. Comments are expected by April 19. Facility radiological control personnel continued surveillance of the facility and activities associated with modification of the step-off pad area. Fire protection personnel performed a Life Safety Code inspection of the facility and identified areas requiring modification to support the increased occupancy associated with upcoming activities. Work planning began on packages to replace the glove box filters, perform extensive housekeeping activities, and install a confinement barrier between the CAR and MIX rooms.

RL-0040.R1.2: Outer Zone D&D/Waste Sites

Arid Lands Ecology Reserve (ALE) D&D

Removal of the foundations from former lower ALE facilities is continuing and the debris is being loaded into containers for disposal. Demolition preparations for five of the upper ALE facilities were initiated. Cold and dark isolation activities began for the ridgeline communication structures on upper ALE. Cleanup of debris sites throughout the ALE Reserve is ongoing.

212-NPR Interim Fuel Storage Building D&D

Demobilization from the now-backfilled sites of the former 212-N, -P, and -R interim fuel storage buildings in the 200 North Area is complete and final closure documentation is being prepared.

Waste Sites

Recent progress in remediating the outer zone waste sites includes (listed by operable unit or site):

- *200-MG-1*
 - 600-36: Verification samples were taken and the results will determine if the remedial action goals have been achieved.
 - 600-37: Sampling activities continued.
 - 600-38: Confirmatory sampling was completed and the data report indicated the waste site requires retrieve, treat, and dispose processes.
 - 600-40: Following the removal of 640 tons of contaminated soil, verification samples were taken to determine if the remedial action goals have been achieved.
 - 600-218: Confirmatory sampling was completed and the data report indicated the waste site requires retrieve, treat, and dispose processes.
 - 600-262: Confirmatory sampling was completed and the data report shows the waste site can be down-posted from an Underground Radioactive Material Area.
 - 200-W-33: A data report is being generated from the confirmatory sampling.
- *200-CW-3*
 - 216-N-1: Closure documentation is being prepared for DOE and Regulatory approval.
 - 216-N-4: Remediation continued with three super dump trucks having delivered approximately 17,500 tons of contaminated soil to ERDF.
- *BC Control Area*
 - Remediation continued with seven super dump trucks having delivered approximately 87,000 tons of contaminated soil to ERDF. For Zone A and Zone B, approximately 23 and 680 acres have been remediated, respectively.



Photo 14

A worker sprays water to control soil during excavation at the 600-40 waste site near West Lake. A total of 640 tons of contaminated soil were removed from the waste site and CHPRC is now awaiting results to determine whether the remedial action goals for the waste site were achieved.



Photo 15

Workers set the boundaries for excavation of a contamination spot in Zone B of the BC Control Area, where CHPRC has remediated 680 acres of soil contamination. The site is one of several that CHPRC was able to identify using aerial radiological survey technology.



Photo 16

An excavator removes soil from Zone A of the BC Control Area, where CHPRC has remediated 23 acres of soil contamination. Remediation of the BC Control Area is a Recovery Act-funded project and more than 87,000 tons of contaminated soil have been removed from 13-square-mile site since remediation began in October 2009.

RL-0041 Nuclear Facility D&D – River Corridor Closure Project

RL-0041.R1.1: 100K Area Remediation

Facility D&D

Demolition of the 183.2KW Sedimentation Basin floor continued and the resulting rubble is being stockpiled. Demolition continued on the 183.3KW Filter Basin. Approximately 20 percent of the Filter Basin has been demolished.

Grating in the 105KW Fuel Storage Basin is being modified to support additional debris removal. A total of 610 debris units have been removed to date.

Duct installation continued in the 105KW Fuel Storage Basin facility for upgrading the 105KW heating, ventilation, and cooling system. Scaffold erection to support duct installation continued as well.



Photo 17

Demolition is progressing on the 183.3KW Filter Basin. Approximately 20 percent of the structure has been demolished since the beginning of April 2010.



Photo 18

Grating in the 105KW Fuel Storage Basin is being modified to support debris removal, which is a Recovery Act-funded activity to help prepare the basin for future decommissioning and demolition activities. The grating provides a landing for workers as they remove debris from the water-filled basin.

Asbestos abatement was completed for the 115KE Gas Recirculation Building. Final cleanup and confirmatory sampling is being performed. Glycol removal at the cross-tie tunnel concluded. Planning continued for the explosive demolition of the 116KE Reactor Exhaust Stack. Asbestos abatement is continuing in the 1706KE and 1706KER substructures in preparation for demolition.

Preliminary design activities and document preparation for the 105KE Reactor continued. Preparation for obtaining characterization samples is complete. Removal of samples from the reactor core is planned for next week. Hazardous materials in the 105KE Reactor building are being identified and removed.

Infrastructure Utilities Upgrade Project

Isolation of the 100K Area utilities continued. Equipment and materials for construction activities are being procured and staged for construction. Backfill material is being staged for future use. Work execution documents are being prepared and designs are being finalized. The 30-day public review period for the cultural and ecological review report for installation of the import water line continued. About 380 feet of pipe for the fire water line have been installed. Backfilling and compaction were completed for about 300 feet of the pipe trenches. Fabrication of the fire pump and microfiltration unit for the Water Treatment Facility is ongoing. A ground-penetrating radar survey of the Water Treatment Facility building footprint was completed. Design and fabrication of the skid-mounted electrical substation is continuing.



Photo 19

Pipe for the fire water line is being installed in the 100K Area. The line will provide water for use in the event of a fire and is being constructed with Recovery Act funding as part of the 100K Area Infrastructure Utilities Upgrade Project to reroute utilities to ease impacts on upcoming demolition and remediation activities.

Waste Sites

Recent progress in remediation of the 100K Area waste sites includes (listed by waste site):

- Closure documentation is being developed for the following waste sites:
 - 100-K-37 (Sulfuric Acid Tank)
 - 100-K-38 (Caustic Soda Tank)
 - 116-KE-6A (Condensate Collection Tank)

- 116-KE-6B (Evaporator Tank)
- 116-KE-6C (Waste Accumulation Tank)
- 116-KE-6D (Ion Exchange Column)
- 118-KE-2 (Control Rod Storage Cave)
- 130-KE-1 (Emergency Diesel Oil Storage Tank)
- *100-K-47(Process Sewer)* – Remediation of the waste site continued with approximately 2,600 tons of contaminated soil delivered to ERDF.
- *100-K-63 (West Floodplain)* – Planning continued for the remediation of the waste site.
- *100-K-71(Collection box)* – Remediation of the waste site continued with approximately 420 tons of contaminated soil delivered to ERDF.
- *120-KW-1 (183-KW Filter Water Facility Dry Well)* – Remediation continued with the removal of contaminated soils and demolition of structures down to six feet. The contaminated soils are placed in staging piles to determine the treatment path for the chromium contamination.



Photo 20

An excavator (left) removes soil from the 100-K-71 waste site in the 100K Area. Last week, 30 roll-on/roll-off containers (right) were filled with approximately 420 tons of soil from the waste site. The waste site is associated with the 105KE Collection Box, which once collected effluent from K East Reactor pipelines.

UPCOMING EVENTS

RL-0011 Nuclear Materials Stabilization & Disposition

RL-0011.R1: Plutonium Finishing Plant D&D

- Enlarge the doorway and remove three glove boxes/hoods from room 136.
- Isolate the last hood in the Standards Laboratory from building ventilation, obtain beryllium smear samples, and transfer all eight glove boxes/hoods to Solid Waste Operations for packaging and disposal at ERDF.
- Prepare glove box HC-60 for removal and continue process equipment removal from glove boxes HA-28, HA-46, and 400.
- Relocate the third and final section of glove box HC-230C-2 outside PFP for use in future mock-ups and training.
- Complete a second round of decontamination for glove box HC-230C-3 and determine what additional actions are necessary prior to disposal.
- Initiate removal of the process vacuum system piping from the 234-5Z and 291-Z buildings.
- Complete chemical decontamination of glove box 636 and install a new glove box panel and load-out port on glove box 642.
- Complete removal of combustibles from the 242-Z tank room and begin applying contamination fixative in the control room.

RL-0013 Solid Waste Stabilization & Disposition

RL-0013C:R1.1: MLLW Treatment

- Planned shipment of three drums (0.7 m³) of LLW debris sent from CWC to PFNW.
- Planned shipment of three drums (0.6 m³) of LLW debris sent from the Waste Receiving and Processing Facility (WRAP) to PFNW.
- Planned shipment of 33 drums (9.7 m³) of MLLW debris, previously classified as TRU waste, sent from WRAP to PFNW.
- Planned shipment one box (6.4 m³) of MLLW debris sent from CWC to PFNW.
- Planned shipment 14 drums (3.7 m³) of MLLW debris (11 drums) and LLW debris (four drums) sent from CWC to PFNW.
- ERDF "Self Perform" Project - Container Maintenance Facility:
 - Receive more roll-on/roll-off trucks.

RL-0013C:R1.2: TRU Waste

- TRU Retrieval
 - Continue Retrieval Corrective Action Plan activities:
 - Complete emergency preparedness drills and incorporate revisions to SW-ERP-011 as necessary.
 - Issue Trench 17 Retrieval Plan RP-1.
 - Resume retrieval operations in 218-W-3A Trench 17.
 - Complete the final draft of 4B Trench 11 Recovery Plan and supporting documents for moving the boundaries inward.
 - Continue Mobile Radioactive Decontamination Unit set-up/start-up.
 - Complete disassembly of the 4C Process Area tent.
 - Initiate the procurement of necessary equipment for the 4B Trench 11 Recovery Plan.
- Alpha Caisson Retrieval
 - Issue Conceptual Safety Design Report on May 13 to DOE for review.

- Award contract for remote retrieval system mock-up on May 13.
- TRU Repack
 - Five planned TRUPACT-II shipments to the Waste Isolation Pilot Plant.

RL-0030 Soil & Groundwater Remediation, Groundwater/Vadose Zone

RL-0030.R1: Central Plateau Soil & Groundwater

- Continue construction of the DX Groundwater Treatment Facility.
- Continue decommissioning wells across the site.
- Continue drilling at M-24, 100-HR-3, 100-NR-2 and 200-ZP-1.
- Continue planning for well installations at 100-KR-4, 100-HR-3, 100-BC-5, and 300-FF-5.

RL-0040 Nuclear Facility D&D – Remainder of Hanford

RL-0040.R1.1: U Plant/Other D&D

- Receive delivery of the remaining D&D heavy equipment being procured.
- Complete asbestos abatement and demolition preparations for the U Plant ancillary facilities.
- Begin demolition for the U Plant ancillary facilities.
- Continue relocating equipment from the U Canyon deck into the process cells.
- Begin demolition of the 200 East Core Industrial Area facilities
- Continue planning and preparations for demolition of the 209-E Criticality Mass Laboratory.

RL-0040.R1.2: Outer Zone D&D/Waste Sites

- Continue waste load-out for the lower ALE facilities.
- Continue removal of debris sites throughout the ALE Reserve.
- Continue demolition preparations for the upper ALE facilities.
- Continue cold and dark isolation activities of the ridgeline communication structures.
- Continue remediation of the BC Control Area, 200-CW-3, and 200-MG-1 waste sites.

RL-0041 Nuclear Facility D&D – River Corridor Closure Project

RL-0041.R1.1: 100K Area Remediation

- Continue demolition of the 183KW Sedimentation Basin structures.
- Continue demolition preparation activities for the 115KE, 116KE, 117KE, 1706KE, and 1706KER buildings.
- Continue debris removal from the KW Fuel Storage Basin.
- Continue activities for upgrading the 105KW HVAC system.
- Continue preliminary design and characterization activities for disposition of the 105KE Reactor.
- Continue activities for isolating 100K Area utilities to support of cold and dark preparations.
- Continue remediating soil from waste sites.