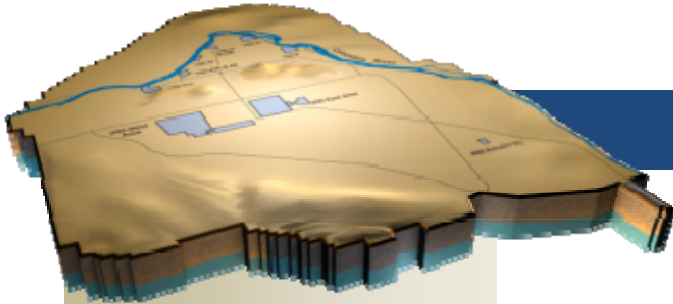


ARRA Weekly Report



Week Ending July 9, 2010

July 13, 2010
Contract DE-AC06-08RL14788
Modification M047
CHPRC1007-04

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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 complete the remediation of waste sites.

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 waste 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

The following table summarizes progress made with Recovery Act funding at PFP since April 2009.

Structures, equipment, waste disposition	Total to Date (since April 2009)
Glove boxes/hoods removed	66 glove boxes/hoods
MLLW/LLW shipped	1,145 m ³
TRU shipped	144 m ³
Non-radioactive waste shipped	22 m ³
Asbestos removed	-9,500 feet
Ancillary structures demolished or removed	<ul style="list-style-type: none"> • 17 fuel vaults/ancillary buildings prepared for demolition • 2 structures removed for reuse elsewhere

This week at PFP, 13 boxes of LLW were shipped to PermaFix-Northwest (PFNW). Glove box 400 was loaded into a shipping container with glove boxes 136-1, -2 and -3 from the Analytical Laboratory. The 136 glove boxes were loaded using a new technique that increases safety by reducing worker handling.



Photo 1

Three interconnected glove boxes from the Analytical Laboratory are loaded onto an electric pallet jack for loading into a container for shipment to the Environmental Restoration Disposal Facility. The jack allowed the equipment to be safely loaded with a reduced number of workers required in the limited space.



Photo 2

Workers load three glove boxes from the Analytical Laboratory at the Plutonium Finishing Plant into a container. The use of an electric pallet jack, which has forks that are 12 feet long, reduced hazards and worker risk by allowing the glove box to be loaded with fewer workers required to guide it into place.



Photo 3

Three glove boxes from the Analytical Laboratory and glove box 400 from the Radioactive Acid Digestive Test Unit at the Plutonium Finishing Plant are secured in a container for shipment to the Environmental Restoration Disposal Facility, where they will be disposed of as low-level waste.

Laboratory & Processing Areas

Work was initiated on glove box 145-1 and work resumed in room 227 of the 234-5Z building, following a nitric acid spill in March. The final characterized chemical items from room 144 were packaged, leaving only the unknown items for testing. Also in room 144, hoods 5 through 8 are now empty and only process equipment remains in hood 9. Work continued to provide in-situ size-reduction capability within the Analytical Laboratory to disposition five hoods. In the Plutonium Process Support Laboratory, external isolations continued on the glove box in room 180, as did removal of equipment and materials from cabinets and counters throughout the room.

2736-Z/ZB Vault Complex

Filter housings were removed from the ventilation systems on glove box 636. Later in the week, work was focused on cleanup of a contamination event in room 636.

242-Z Americium Recovery Facility

During an entry into 242-Z, work was stopped due to concerns for air conditions and the team exited the room. An operating limitation has been imposed on all bottled air work in PFP while the air is tested.

Ancillary and Security Structures

Shipping plans have been developed to support disposal of 15 fuel storage vaults at the Environmental Restoration Disposal Facility (ERDF), and they are scheduled to be shipped during July and August. Work continued on electrically and mechanically deactivating essential systems in three larger buildings formerly used to control access to PFP. The buildings are expected to be turned over to D&D in mid-July. These facilities as well as the 2701-ZC and 2701-ZE ancillary structures are scheduled to be demolition-ready by mid-August and demolished by the end of September, two years ahead of schedule.

Infrastructure, process support systems, and equipment removal

Process vacuum system piping removal from the duct level of the 234-5Z building remains delayed by the need for repairs and re-inspection of the building's elevator and a leak test failure on the box that will be used for size reducing the removed pipe. Work is otherwise ready to begin on this critical activity.

The chillers for the new air conditioning system are in operation, providing cool air throughout the process facilities. Progress continued to be made in modifying room 172 for use as a size-reduction station for glove boxes and hoods. Most of the other facility modification projects remain on hold while affected subcontractor employees become qualified to work in beryllium controlled areas.

RL-0013 Solid Waste Stabilization & Disposition

RL-0013C:R1.1: MLLW Treatment

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

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

There are no planned shipments of the remaining waste currently in storage. Shipping this waste will require additional time to review files and data to determine a path forward for each container.

RL-0013C:R1.2: TRU Waste

Of the 2,500 m³ of suspect TRU waste planned for retrieval under the Recovery Act:

- 56 m³ are staged, pending shipment.
- 436 m³ have been shipped to a treatment, storage, or disposal facility.

The Waste Retrieval Project removed Box 3 located in 3A Trench 17. Development of the new 3A Trench 8 excavation procedures SW-100-201 and -202 continued along with revisions to retrieval procedure SW-100-163.

The evolution to place and retrieve 24-hour SUMMA canisters was completed in 4B Trench 11. The enhanced work plan and hazard analysis for the ground-penetrating radar (GPR) survey was completed. Development of the work package for 4B Trench 11 site mitigation continued. Installation of the replacement sink-waste collection tank at MO-264 at the 4C burial grounds continued.



Photo 4

Riggers and a crane operator from the Waste Retrieval Project begin lifting Box 3 from Trench 17 in the 3A burial grounds. Before it could be removed from the trench, the box was covered with a protective covering box and shoring to protect the damaged container. The box is damaged after spending years in underground storage.



Photo 5

Box 3 is lowered to the deck next to Trench 17 where the shoring box walls will be completed and the roof will be installed prior to shipment to the Central Waste Complex.

Alpha Caisson Retrieval Project

The recommendation on the remote retrieval system (RRS) was finalized. Closeout efforts are complete with the exception of downloading files to the Integrated Document Management System.

TRU Project Drum Repackaging

Of the 850 m³ planned to be characterized and repackaged with funding from the Recovery Act:

- 1,560 drums (324.5 m³) have been repackaged.
- 57 TRUPACT-II shipments [1,343 55-gallon drums, 24 standard waste boxes (SWBs), two ten-drum over-packs, 95 85-gallon over-packs and 246 drums over-packed into 65 SWBs (397.8 m³ total)] have been shipped.

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

RL-0030.R1: Central Plateau Soil & Groundwater

Well Drilling & Decommissioning

Drilling is in progress for installing wells at the 100-BC-5 operable unit. Recovery Act-funded well drilling is expected to start the week of July 19, 2010 for the 100-FR-3 operable unit. Planning is in

progress for installing wells in the 100-HR-3 operable unit. The following table showcases additional 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-BC-5	Support characterization and removal of chromium (6 wells)	1	-	-
100-KR-4	Support characterization of the vadose zone and aquifer (13 wells)	4	2	1
100-HR-3	H Area: Support the optimization of removal of chromium (40 wells)	39	30	29
M-24	Support characterization of the aquifer (5 wells)	5	5	4
200-ZP-1	Support the 200 West Groundwater Treatment Facility that will primarily treat carbon tetrachloride contamination in the groundwater (17 wells)	15	12	10
300-FF-5	Support characterization of the aquifer (11 wells)	1	-	-
Site-wide	Decommission wells that are no longer of service ³ (350 wells)			168

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, the casing is removed, and a cap or marker is installed.



Photo 6

A drilling crew installs a monitoring well in the 100-BC-5 area, where CHPRC will install a total of six wells with Recovery Act funding to support characterization and removal of chromium contamination in the groundwater.

200 West Groundwater Treatment Facility

With site fill work completed for both the Radiological Facility and the Bio-Processing Facility, concrete work is scheduled for late next week. The subcontractor George A. Grant continued site preparations for the four transfer buildings; approval of the transfer building design is expected this week. Underground scanning is complete and an excavation permit is pending approval as the project moves road crossing activities into the area of the S/SX tank farms. Issued for Construction packages continue to be released to the contractors – design drawings and specifications are approximately 75 percent complete. Follow-up actions to the CH2M HILL corporate assessment are in progress.



Photo 7

A truck leaves the Pit 34 quarry site with fill for the 200 West Groundwater Treatment Facility construction site. With the fill operation complete, concrete work is expected to begin next week.

DX Groundwater Treatment Facility

Electrical, mechanical, and process equipment installations in the DX facilities are nearly complete. The progress is listed below.

Building	Electrical Equipment (% complete)	Mechanical Equipment (% complete)
Process	99%	100%
Transfer (M1)	100%	100%
Transfer (M2)	100%	100%
Electrical Power Rack Tie-In		100%
HDPE Piping Installation		100%

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

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

U Canyon

Equipment disposition activities are approaching completion with three remaining major pieces of equipment to be placed early next week. Dedicated rigging support has been arranged and an engineered lift plan has been developed for handling the two heavy N Reactor shipping casks that remain on the deck. To date, 37 of 40 cells have been filled with mapped equipment and verified as having all tanks accessible for grout. The last three cells will be finished with the placement of the shipping casks affording access to the cells underneath those casks. Radiological surveys of the canyon are 55 percent complete. Sampling of unknown chemicals is being scheduled and will support development of a disposition plan. Asbestos abatement activities continued. Bids were due July 12 for the grout contract with awarding of the contract expected on July 22.

U Plant Ancillary Facilities

Demolition and debris load-out continued on the 224-U building. Demolition of the processing cells continued. Demolition of the 224-UA building is expected to begin in mid-July.



Photo 8

Demolition of the 224-U ancillary facility continues. When the U Plant was operational, this facility helped support the processing of liquids generated during uranium recovery. Today, it is one of five ancillary facilities that CHPRC planned for demolition with support from Recovery Act funding.

200 East Core Industrial Area

Erection of the containment in the main Powerhouse and asbestos abatement activities in the conveyor and crusher house continued. Demolition activities at the 272-E Fabrication Shop continued with the removal and disposal of transite siding. Demolition of the 275-E Carpenter Shop building has been postponed due to migratory birds nesting in that facility.



Photo 9

Demolition continues on the 272-E Fabrication Shop. The approximately 20,000-square-foot building was constructed in 1943 and was used to fabricate and test components for the specialized process equipment used in many of the facilities at Hanford.

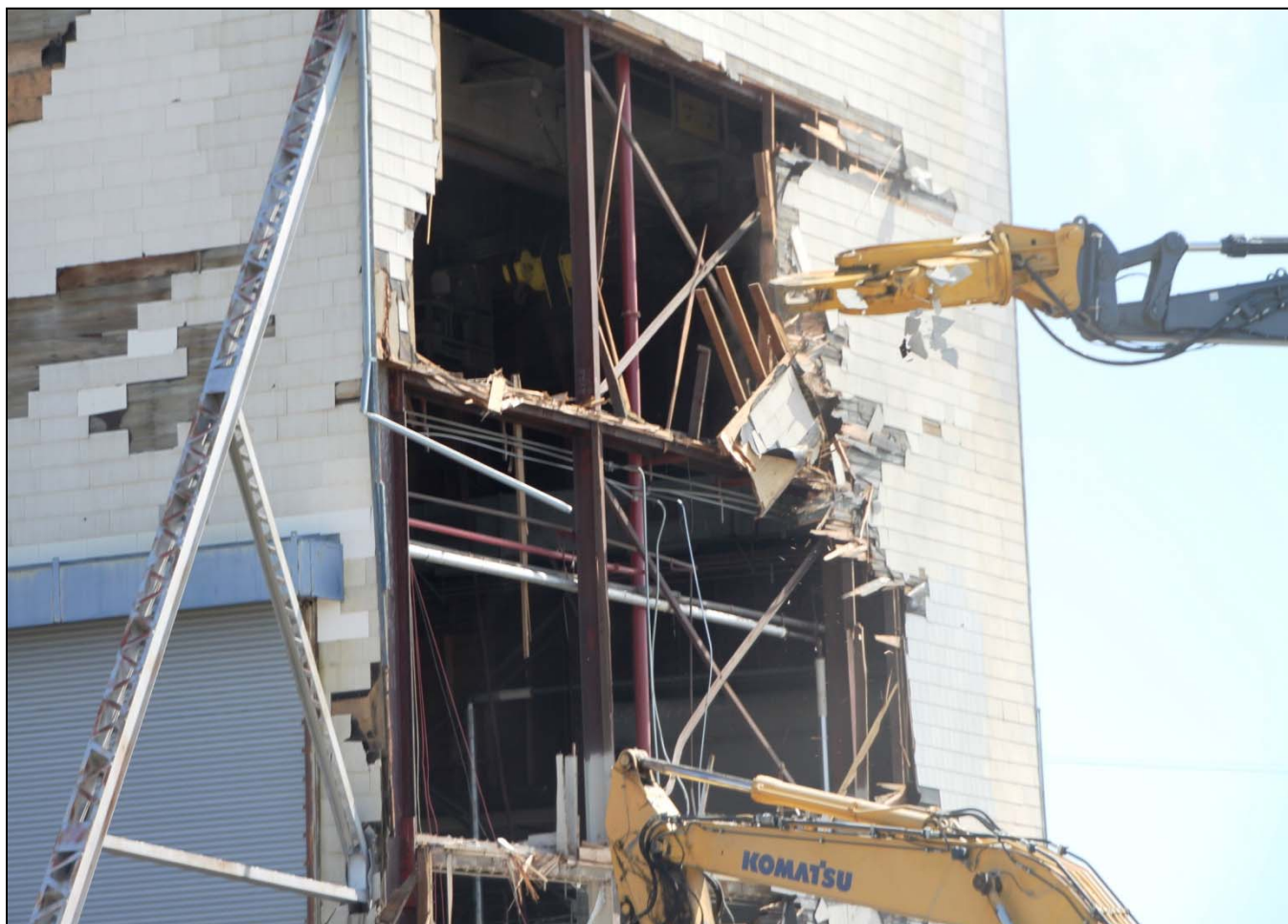


Photo 10

A close-up on the demolition of the 272-E Fabrication Shop in July 2010.

200 West Area Industrial Facilities

Planning and initial characterization activities continued for the demolition of six industrial structures in the 200 West Area. Sampling of the 284-W Powerhouse continued.

209-E Criticality Mass Laboratory

The Criticality Assembly Room (CAR) shielding door was opened and general housekeeping (removal of debris from floor space) was initiated in the CAR. Removal of perimeter lighting (poles, wire, and light fixtures) also started. The Facility Hazard Review has been completed and the Occupancy Permit written for Life Safety Upgrades in the 209-E, 2718-E, and 209-EA areas. The Documented Safety Analysis and Criticality Safety Evaluation Report are with DOE for review. Asbestos and beryllium sampling was performed in the attic space of the 209-E Administrative area.



Photo 11

Workers observe the entrance into the Criticality Assembly Room in the 209-E Criticality Mass Laboratory. Opening the 2.5-foot-thick steel, motor-operated door (left) was an important step in CHPRC's Recovery Act-funded effort to begin deactivation of the facility. The facility once supported nuclear criticality and safety activities and is currently considered a nuclear facility.

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

Arid Lands Ecology Reserve (ALE) D&D

Work included ongoing demolition of the 6652-C Space Science Laboratory and the 6631 Radio Telescope Pedestal structure, cleanup of debris sites, and facility isolation and characterization of the T520-6 Navy MARS Radio Station and 6630 Hodges Well Pump House.



Photo 12

The T520-6 Navy MARS Radio Station is one of the last remaining facilities being prepared for demolition on the upper portion of the Arid Lands Ecology Reserve. The building was constructed in the 1950s by the U.S. Army in support of site security.

North Slope Debris Removal

Initial planning, development of environmental documents, and cultural reviews continued for removal of debris from the North Slope on the Hanford Site.

Waste Sites

Excavation of the 600-38 waste site is in progress. The waste site is located in the 200-MG -1 operable unit, which comprises a series of small waste sites that were once contaminated from dumping or burning of various debris and chemicals. The following table showcases CHPRC's recent progress in removing contaminated soil from waste sites in the outer zone.

Waste Site in Progress	Tons of Contaminated Soil Removed	
	<i>Week Ending July 9, 2010</i>	<i>Total to Date</i>
600-38	620	620
600-40	-	1,300
BC Control Area	5,200	148,200

Recent activities regarding the outer zone waste sites also includes (listed by operable unit or site):

- *200-MG-1*
 - Samples are being analyzed for the following waste sites:
 - 600-36
 - 600-222
 - 216-S-26
 - 600-40: Additional excavation is required at this site.
 - 600-226: Samples are being analyzed. Preliminary results indicated retrieve, treat, and disposal activities will be required.
 - 600-228: Surface sampling is complete; direct push testing will commence after UPR-600-12.
 - 600-275: Excavation was deferred due to nesting birds in proximity to the waste site.
 - OCSA (Old Central Shop Area): Sampling activities continued; surface sampling of the first four areas is complete.
 - Planning for retrieve, treat, and disposal activities continued for the following waste sites:
 - 200-W-33
 - 600-38
 - 600-218
 - 600-281
 - Closure documentation is being prepared for the 600-37 and 600-262 waste sites.
- *200-CW-3*
 - 216-N-1: Closure documentation is being prepared for DOE and Regulatory approval.
 - 216-N-4: Excavation is complete pending confirmatory surveys and sampling.
- *BC Control Area*
 - For Zone A, approximately 36.5 acres have been excavated and surveyed. Removal of soil from Zone B is temporarily suspended until the end of the migratory bird nesting season on July 15 to avoid harm to protected species.



Photo 13

Workers prepare to place flags that will mark survey locations in the 216-N-4 waste site. The flags are placed at equal intervals using a marked string to measure the distance.



Photo 14

A worker places a flag marker in the 216-N-4 waste site. CHPRC finished removing contaminated soils from the waste site the first week of July and remediation crews are now preparing to perform radiological surveys and sampling of the waste site to confirm the effectiveness of the site remediation.

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

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

Facility D&D

Demolition at the 183KW Sedimentation Basin Complex remained focused on the 183.3KW Filter Basin. Demolition continued on the east half of the Filter Basin floor and debris load-out is continuing. Demolition of the Filter Basin is approximately 60 percent complete.

Bags containing asbestos materials removed from the 1706KE/KER substructures are being loaded out of the facilities in preparation for disposal. Analysis of characterization samples from inside various piping systems and components located within radiologically controlled areas of the 115KE Gas Drier Building is ongoing.



Photo 15

Bags of asbestos removed from the 1706KE/KER substructures are prepared for removal and disposition. CHPRC has already removed approximately 500 bags.

Planning continued for demolishing the 116KE Reactor Exhaust Stack and removing two overhead bridge cranes and the counterweights for the C elevator in the 105KE Reactor Building using explosive demolition techniques. Submittals from the explosive demolition contractor are being reviewed. Work documents for the demolition are being approved.

Interior duct fabrication and installation for the 105KW Fuel Storage Basin facility heating, ventilation, and cooling system (HVAC) upgrade continued. Scaffold erection for duct installation is ongoing as is shop fabrication and preparatory work for duct runs. Conduit reroutes and preparations to install duct insulation also began last week.



Photo 16

Newly installed ducting in the 105KW Fuel Storage Basin. To date, CHPRC has installed 350 feet of approximately 700 feet of ducting that will upgrade the heating, ventilation, and cooling system and improve working conditions.

Preliminary design documents for disposition of the 105KE Reactor are being reviewed. Samples from the core borings are being analyzed. Additional reactor characterization is being performed through borescope evaluation, radiological survey, and collection of graphite samples in three access ports when possible. An existing door on the south wall of the building is being expanded to a 30-foot by 30-foot opening to accommodate the crane and elevator weight removal as well as eventual reactor disposition activities. A roll-up door will be installed after the opening is complete.

Infrastructure Utilities Upgrade Project

Final preparations for the import water line continued; no fieldwork was conducted last week. Punch-list items continue to be addressed for the fire water and potable water lines along the southwestern perimeter (inside the fence) of the 100K Area.

Fire water and potable water line installation continued in the vicinity of the 105KW Reactor and Cold Vacuum Drying Facility; about 1,870 feet of trench has been excavated and 1,230 feet of 8-inch fire water pipe, 410 feet of 12-inch fire water pipe, and 140 feet of 6-inch firewater pipe have been installed to date. Excavations are being backfilled with controlled density fill and gravel. Construction continued on the fire water and potable water lines being installed for the remainder of the 100K Area; about 3,110 feet of 12-inch fire water pipe and 2,340 feet of 4-inch potable water pipe have been installed.

Construction of the Water Treatment Facility continued. Compaction of the under-slab backfill for the building was completed in preparation for pouring of the building slab. Rebar and concrete form installation for the water treatment building continued. The water treatment building structural steel columns and roof beams are being installed. The storage tank floor and first vertical wall ring were installed and tack welded. Site grading material is being imported and staged for use.



Photo 17

Structural steel columns and roof beams are being installed for the water treatment building in the 100K Area.

Component installation continued on the five skid frames for the A9 Substation refurbishment.

Material procurement is continuing for the 13.8kV electrical line re-route. Contractor pricing information is being reviewed for the change that replaced part of the aerial installation with underground installation. Design work for additional changes also continued last week.

Waste Sites

Remediation at the 100-K-63 100KW Floodplain commenced this past week; work included cutting an access ramp into the floodplain and preparing the area for remediation activities. The following table showcases CHPRC's progress in removing contaminated soil from other 100K Area waste sites:

Waste Site in Progress	Tons of Contaminated Soil Removed	
	<i>Week Ending July 9, 2010</i>	<i>Total to Date</i>
100-K-47 (Process Sewer)	-	16,650
100-K-53 (Glycol Heat Recovery Underground Pipelines)	-	355
100-K-56 (Reactor Cooling Water Pipelines)	-	11,500
100-K-68 (Pump Gallery and Catch Tank)	1,277	9,460
100-K-71 (Collection Box)	-	7594
100-K-102 (French Drains and Mercury Stained Soil near 183KW Sedimentation Basin)	-	10,200
116-KE-3 (Storage Basin French Drain)	-	4,141
120-KW-1 (183-KW Filter Water Facility Dry Well)	2,049	11,225
Below-grade structure/soil removal		
183.1 KW (K West Headhouse)	634	21,150

Recent progress also includes (listed by waste site):

- Closure documentation (Remedial Action Report) is being developed, reviewed, and/or approved by DOE or the regulator 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).

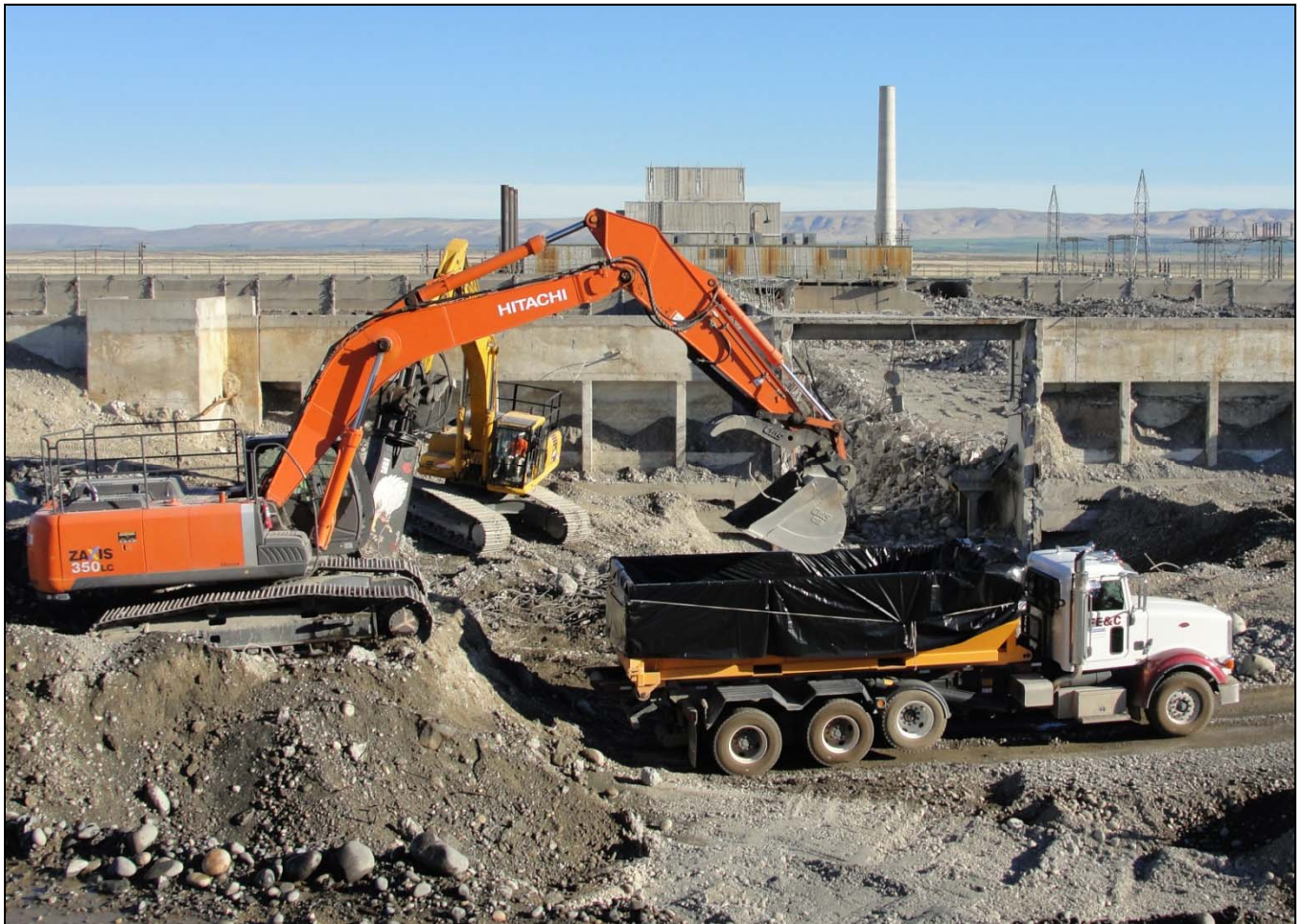


Photo 18

An excavator unloads soil from beneath the former 183.1KW Headhouse into a roll-on/roll-off container. Meanwhile demolition of the 183KW Sedimentation Basin Complex continues in the background. The large opening shown right is where the Pipe Tunnel once stood before CHPRC began demolition of the structure earlier this year.

UPCOMING EVENTS

RL-0011 Nuclear Materials Stabilization & Disposition

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

- Ship glove box 400 and three hoods from room 136 of the Analytical Laboratory to ERDF.
- Remove glove box HC-60 from building ventilation.
- Provide in-situ size-reduction capability within the former Analytical Laboratory for five hoods removed from rooms 137 and 149.
- Initiate removal of the process vacuum system piping from the 234-5Z and 291-Z buildings.
- Complete installation and initiate use of a new size-reduction station in room 172.
- Enlarge the exit doorways for removal of the 636 glove box from the 2736-ZB building.
- Begin removal of the inner Protected Area fence line, razor ribbon, and perimeter alarm system.

RL-0013 Solid Waste Stabilization & Disposition

RL-0013C:R1.1: MLLW Treatment

- No planned shipments for next week.

RL-0013C:R1.2: TRU Waste

- TRU Retrieval
 - 3A burial grounds:
 - Ship Box 3 to the Central Waste Complex (CWC).
 - Receive and set-up new field trailer, MO-873.
 - Complete and approve Trench 8 retrieval and excavation procedures (SW-100-163, 201 and 202).
 - 4B burial grounds:
 - Complete work package and conduct Trench 11 subsurface survey in support of the 4B Trench 11 Retrieval Plan development.
 - Complete mock-up and perform elevated GPR survey at the Trench 11 off-normal event site.
 - Over-pack two previously retrieved waste containers and prepare them for shipment to CWC and PFNW.
 - Continue the Mobile Radioactive Decontamination Unit operating procedure and work packaged development start-up activities.
 - Receive results from SUMMA canister samples and down-post exclusion area.
 - 12B burial grounds:
 - Complete installation of the conveyor system.
 - Complete set-up and alignment of the VJ Technologies' real-time radiography system and Drum Warming Unit.
 - Complete installation and set-up of the drum venting systems (DVS2 and DVS3).
 - Continue mock-up of retrieval activities for contact-handled and remote-handled waste drums in the Simulation Test Site Trench.
Complete calibration, confirmation, and verification of the gamma and passive/active neutron assay units.
- Alpha Caisson Retrieval
 - Present recommendation to the Waste & Fuels Management Project on RRS and award contract.
- TRU Repack
 - No planned TRUPACT-II shipments for next week.

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

RL-0030.R1: Central Plateau Soil & Groundwater

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

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

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

- Continue demolition of the U Plant ancillary facilities.

- Continue relocating equipment from the U Canyon deck and asbestos abatement in the galleries.
- Continue demolition preparations for the 284-E Powerhouse.
- Continue demolition planning and characterization of the 200 West Area industrial facilities.
- Continue 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 removal of debris sites throughout the ALE Reserve.
- Continue demolition of the upper ALE facilities 6652-C and 6631.
- Continue cold and dark isolation activities of the ridgeline communication structures.
- Continue planning and characterization of structure 6630, the Hodges Well Pump House and Tank, and the T520-6 Day Wireless Facility.
- Continue planning for removing debris from the North Slope.
- 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.