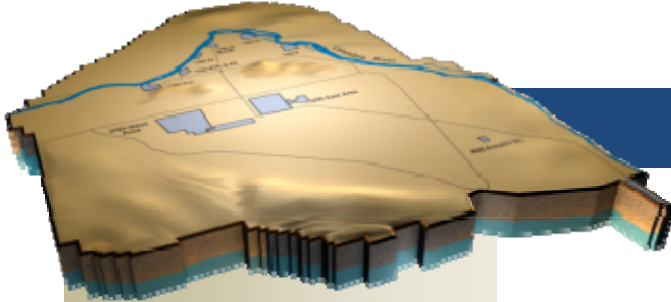


ARRA Weekly Report



Week Ending July 16, 2010

July 20, 2010
Contract DE-AC06-08RL14788
Modification M047
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Contents

OVERVIEW.....	3
ACCOMPLISHMENTS.....	4
RL-0011 Nuclear Materials Stabilization & Disposition.....	4
RL-0011.R1: Plutonium Finishing Plant D&D.....	4
RL-0013 Solid Waste Stabilization & Disposition.....	5
RL-0013C:R1.1: MLLW Treatment.....	7
RL-0013C:R1.2: TRU Waste.....	7
RL-0030 Soil & Groundwater Remediation, Groundwater/Vadose Zone.....	9
RL-0030.R1: Central Plateau Soil & Groundwater.....	12
RL-0040 Nuclear Facility D&D – Remainder of Hanford.....	14
RL-0040.R1.1: U Plant/Other D&D.....	14
RL-0040.R1.2: Outer Zone D&D/Waste Sites.....	16
RL-0041 Nuclear Facility D&D – River Corridor Closure Project.....	19
RL-0041.R1.1: 100K Area Remediation.....	20
UPCOMING EVENTS.....	25
RL-0011 Nuclear Materials Stabilization & Disposition.....	26
RL-0013 Solid Waste Stabilization & Disposition.....	26
RL-0030 Soil & Groundwater Remediation, Groundwater/Vadose Zone.....	26
RL-0040 Nuclear Facility D&D – Remainder of Hanford.....	27
RL-0041 Nuclear Facility D&D – River Corridor Closure Project.....	27

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	1,164 m ³
TRU shipped	147 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

Five waste shipments were made last week from PFP, including four roll-off containers of LLW shipped to the Environmental Restoration Disposal Facility (ERDF) and 11 drums of TRU waste sent to the Waste Receiving and Processing Facility.

Laboratory & Processing Areas

Work continued to provide in-situ size-reduction capability within the Analytical Laboratory to disposition five hoods previously removed from rooms 137 and 149. Workers tested multiple types of cutting tools and contamination control techniques to determine the most appropriate approaches to size reduction. Work also continued on isolation and cleanout of six glove boxes and hoods in room 139. In the Plutonium Process Support Laboratory, external isolations continued on the glove box in room 180. In the process areas, glove box HC-60 was removed from building ventilation and staged for future removal following enlargement of two doorways.



Photo 1

A team of workers test various cutting instruments and contamination control techniques to determine which would be the most appropriate for size reduction of glove boxes and hoods.

2736-Z/ZB Vault Complex

The 2736-Z team began orientation for an additional D&D crew who has been temporarily transferred from the Plutonium Reclamation Facility to the vault complex to help accelerate glove box cleanout and removal. Work is under way to begin removal of shielding on six glove boxes in room 642.

242-Z Americium Recovery Facility

The 242-Z team resumed supplied air work and exchanged inlet filter media on the ventilation ducts. The team is preparing to construct a rack and hang a lead blanket for shielding of the WT-2 glove box.

Ancillary and Security Structures

Shipping plans were finalized to support accelerated disposal of 15 fuel storage vaults at ERDF; shipping will begin on July 19. 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. The three facilities as well as two other ancillary structures are scheduled to be demolition-ready by mid-August and demolished by the end of September, two years ahead of schedule. Fence line and razor wire removal began this week around the PFP protected area.



Photo 2

The former 2705-Z Operations Control Facility (OCF) is no longer in service at the Plutonium Finishing Plant. The building served as one of several check points workers had to pass through before they could enter the high security Plutonium Finishing Plant facilities. The OCF and two other buildings that previously controlled access to the Plutonium Finishing Plant are being electrically and mechanically isolated in preparation for turnover to the CHPRC Decommissioning and Demolition Project.

Infrastructure, process support systems, and equipment removal

Initiation of process vacuum system piping removal from the 234-5Z building remains delayed due to a Stop Work that was imposed following identification of unexpected contamination in the duct level of the building. Resolution is under way at this time. The chillers for the new air conditioning system are now providing cool air throughout the process facilities to help reduce the risk of heat stress and contamination “sweat through” during work in radiological areas of the facilities. Most of the other facility modification projects remain on hold while affected subcontractor employees become qualified to work in beryllium controlled areas, although progress is being made in modifying room 172 for use as a size-reduction station for glove boxes and hoods.

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 the 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:

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

The Waste Retrieval Project shipped Box 3 from 3A Trench 17 to the Central Waste Complex (CWC) and fogged Boxes 80 and 82 from the same trench to fix potential contamination prior to the disassembly of the containers. Development of the new 3A Trench 8 excavation procedures SW-100-201 and -202 continued, as did revisions to retrieval procedure SW-100-163. A planning workshop was held on the 3A Trench 8 retrieval plan risks/hazards/uncertainties. Work continued in the 12B burial grounds as well with the installation of the drum venting systems DVS2 and DVS3 and the installation of the new conveyor system. Training continued for excavation and retrieval of horizontal and high-dose drums in the Simulation Test Site (STS) Trench. SUMMA canister sample results for 4B Trench 11 were received and results indicated levels of unknown organic chemicals were less than detectable. Installation for the replacement sink-waste collection tank at MO-264 at the 4C burial grounds is complete.



Photo 3

Workers review documentation prior to shipping Box 3 from 3A Trench 17 in the Top Hat IP-1 container. The box is being shipped from the 3A burial grounds to the Central Waste Complex.



Photo 4

Box 3 from 3A Trench 17 leaves the 3A burial grounds contained in a Top Hat IP-1 container. The shipment is headed to the Central Waste Complex and will involve escort vehicles and a road closure to prevent interference from other traffic.

Alpha Caisson Retrieval Project

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:

- 1,609 drums (337.4 m³) have been repackaged.
- 57 TRUPACT-II shipments [1,343 55-gallon drums, 24 standard waste boxes (SWBs), two ten-drum over-packs, 96 85-gallon over-packs and 246 drums over-packed into 65 SWBs (397.8 m³ total)] have been shipped.

216 Z-9 Drum Repackaging

T Plant has successfully repacked five 216 Z-9 drums into ten 216 Z-9 daughter drums as a test run. The repackaged drums are pending shipment to the Waste Receiving and Processing Facility for real-time radiography (RTR). The RTR is used to determine if prohibited items are contained in a waste drum.

These waste drums came from the Recuplex Plutonium Scrap Recovery Facility. A large constituent of the waste is fabrication oil that was used during the machining process of plutonium. The drums require repackaging prior to being shipped to the Waste Isolation Pilot Plant. Repackaging the 216 Z-9 drums has presented some challenges; the drums weigh as much as 500 pounds with each 10-liter slip can full of soil and rocks weighing upwards of 50 pounds each. Due to these challenges, a mock-up was performed to determine if reprocessing could be performed in the current glove bag repackaging program. The mock-up identified some needed tools and a need to devise a way for the vent path created in each slip lid can to be verified through radiography. It was determined that the 216 Z-9 waste could be repackaged in the current glove bag configuration with minor procedure changes. Following review and approval of the process by CHPRC's TRU Programs and the Central Characterization Project, T Plant will be ready to commence full-scale repackaging of the 216 Z-9 drums, a task CHPRC will accomplish with Recovery Act funding.



A Z-9 waste drum opened under a hood. The Z-9 waste came from the Recuplex Plutonium Scrap Recovery Facility. These drums were stored in the 216 Z-9 Crib where waste was received from July 1955 until April 1962.

Photo 5

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

RL-0030.R1: Central Plateau Soil & Groundwater

Well Drilling & Decommissioning

CHPRC completed drilling on the last of five wells planned for installation with Recovery Act planning in the M-24 area. 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	5
200-ZP-1	Support the 200 West Groundwater Treatment Facility that will primarily treat carbon tetrachloride contamination in the groundwater (17 wells)	16	12	11
300-FF-5	Support characterization of the aquifer (11 wells)	1	-	-
Site-wide	Decommission wells that are no longer of service ³ (350 wells)			169

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.

200 West Groundwater Treatment Facility

Facilities are starting to take shape in the 200 West Area where CHPRC is constructing Hanford's largest pump-and-treat system to date. Beginning in the early morning hours of July 16, workers placed approximately 150 cubic yards of concrete for the foundation of one of two processing facilities, the Radiological Facility, that will make up the 200 West Groundwater Treatment Facility. The second half of the concrete pour will follow next week. George A. Grant continued working site preparations for the four transfer buildings. Construction of road crossings remains at a hold point with 44 of 47 complete for Phase I. Drilling will have to be completed prior to completion of the last three road crossings. An excavation permit has been approved as the project moves road crossing activities into the area of the S/SX tank farms. Issued for construction packages continued to be released to the contractors; completion is expected by end of week July 23.



Photo 6

A team of workers begins construction of the foundation for the Radiological Facility that will be a part of the 200 West Groundwater Treatment Facility. The concrete construction began in the early morning to avoid high afternoon temperatures.



Photo 7

Workers place concrete for the foundation of the Radiological Facility of the 200 West Groundwater Treatment Facility. Approximately 150 cubic meters of concrete were placed for the first half of the effort; the second half of the concrete construction will follow 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%
Chemical Addition	20%	15%
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 complete with 126 major pieces of equipment placed in the process cells. Two casks requiring engineered lift plans were placed early last week. With equipment placement

completed, focus will now be placed on preparatory work such as core drilling and bulkhead installation to support grout placement. Accessibility for grout placement in all buoyant vessels has been verified. Bids have been received and are being evaluated for grout delivery and conveyance. Radiological surveys of the canyon are 80 percent complete. Sampling of unknown chemicals is being scheduled and will support development of a disposition plan. Asbestos abatement activities continued. Awarding of a contract for fabrication of a cask to ship the D-10 tank to T Plant is progressing.

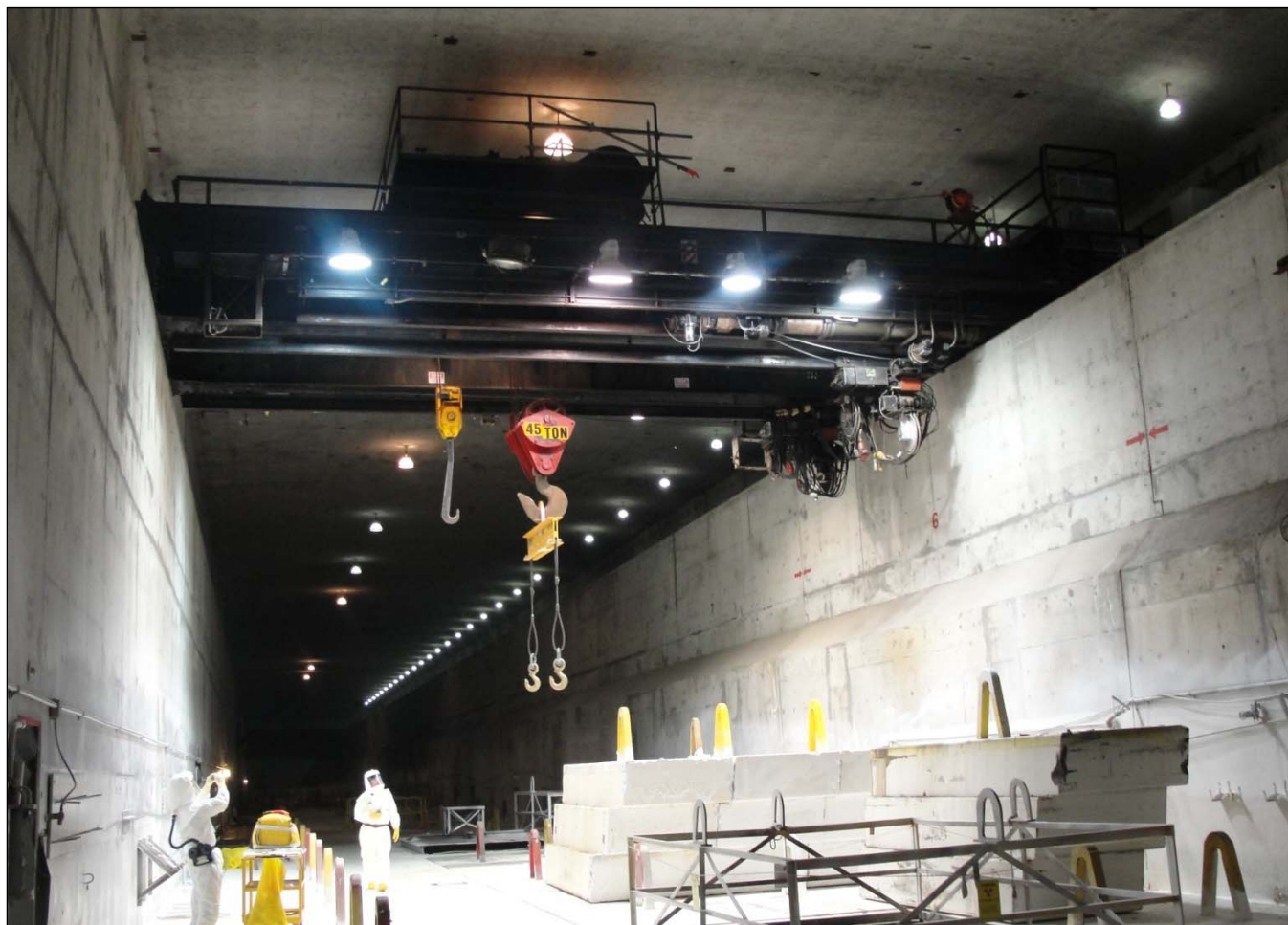


Photo 8

CHPRC completed equipment disposition activities in the U Canyon, one of Hanford's five massive re-processing canyons. A total of 126 major pieces of equipment were placed in the process cells located in the canyon deck. The next step to preparing the canyon for a first-of-its-kind demolition will be to fill the lower level of the cells with grout and ultimately, the upper section of the canyon will be demolished and the structure will be covered with an engineered cap. Preparing the U Plant for demolition is a \$52 million project, which includes \$35 million in Recovery Act funding.

U Plant Ancillary Facilities

Demolition and debris load-out continued on the 224-U building. The major high contamination hold-up items on the south end of the 224-U building were removed and packaged. Demolition of the 224-UA building is expected to begin in late July.

200 East Core Industrial Area

Erection of the containment in the main 284-E Powerhouse and asbestos abatement activities in the

conveyor and crusher house continued. Demolition activities at the 272-E Fabrication Shop continued with the demolition and debris load-out of the office portion of the building.



Photo 9

Siding material is removed from a portion of the 272-E Fabrication Shop and the office areas have been demolished.

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. Beryllium sampling has been completed for all six structures.

209-E Criticality Mass Laboratory

Removal of perimeter lighting (poles, wire, and light fixtures) was completed including backfilling the holes where the poles were located. Removal of the perimeter fencing was initiated. The Documented Safety Analysis and Criticality Safety Evaluation Report are with DOE for review.

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

Arid Lands Ecology Reserve (ALE) D&D

Demolition of the 6652-C Space Science Laboratory continued and is nearly complete to slab on grade. The demolition of the 6631 Radio Telescope Pedestal and the 6634 communication structures is complete. Facility isolation and characterization of the T520-6 Navy MARS Radio Station and 6630

Hodges Well Pump House continued. As part of the debris site cleanup effort, preparations are under way to remove an aged vehicle from the side of Rattlesnake Mountain. The vehicle rolled from the upper ALE Reserve in the 1970s; the cause of the roll is unknown but no one was injured. Due to the steep, uneven terrain of the mountainside, CHPRC plans to remove the vehicle using a helicopter to reduce worker and environmental risks. The vehicle is located in a steep ravine where it would be very difficult for workers and heavy equipment to access, size reduce, and haul out the debris.



Photo 10

Little remains of the 6652-C Space Science Laboratory on the upper portion of Rattlesnake Mountain on the Arid Lands Ecology Reserve.



Photo 11

An aged vehicle on the side of Rattlesnake Mountain at the upper Arid Lands Ecology Reserve. CHPRC is preparing to remove the vehicle, which rolled from the upper reserve in the 1970s. The cause of the roll is unknown but no workers were injured. Today, the vehicle is considered a debris site and will be removed as part of CHPRC's Recovery Act-funded effort to clear the reserve of facilities and debris.

North Slope Debris Removal

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

Waste Sites

Initial excavation of the 600-38 waste site is complete, pending confirmatory sampling. Approximately 800 tons of soil have been removed from the waste site. Additional excavation of waste site 600-40 commenced on July 9, 2010. 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 16, 2010</i>	<i>Total to Date</i>
600-38	180	800
600-40	-	1,300
BC Control Area	6,100	154,300

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 600-36 and 216-S-26 waste sites.
 - 600-40: Additional excavation is required at this site.
 - 600-222: The Confirmatory Sample No Further Action sample instruction has been issued and sample data review indicates that a small amount of retrieve, treat, and disposal (RTD) activity is required. An Advanced Work Authorization has been generated and is in the approval cycle. The MG-1 Remedial Action Work Plan needs to be approved prior to start of excavation.
 - 600-226: Samples are being analyzed. Preliminary results indicated RTD 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 RTD activities continued for the following waste sites:
 - 200-W-33
 - 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: Confirmatory surveys indicate that several cubic yards of material need to be removed (spot removal).
- *BC Control Area*
 - For Zone A, approximately 38 acres have been excavated and surveyed.
 - For Zone B, an area of approximately five acres was surveyed and cleared per the bird migrating plan; removal of elevated hot spots in this area continued.



Photo 12

A water truck sprays to control loose dust and soil in the BC Control Area. Fieldwork was limited last week due to restrictions at the Environmental Restoration Disposal Facility.

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

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

Facility D&D

Demolition and debris load-out at the 183KW Sedimentation Basin Complex continued on the 183.3KW Filter Basin and 183.7KW Pipe Tunnel.



Photo 13

Demolition continues on the 183.7KW Pipe Tunnel and the 183.3KW Filter Basin.

Bags containing asbestos materials removed from the 1706KE/KER substructures are being loaded out of the facilities for disposal.

Samples from inside various piping systems and components located within radiologically controlled areas of the 115KE Gas Drier Building are being analyzed.

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. The existing door on the south wall of the 105KE Reactor Building was expanded to a 30-foot by 30-foot opening to accommodate the crane and elevator weight removal. Submittals from the explosive demolition contractor are being reviewed and approved. Work documents for the demolition are being approved. A Hazard Review Board convened for the explosive demolition activities.

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.

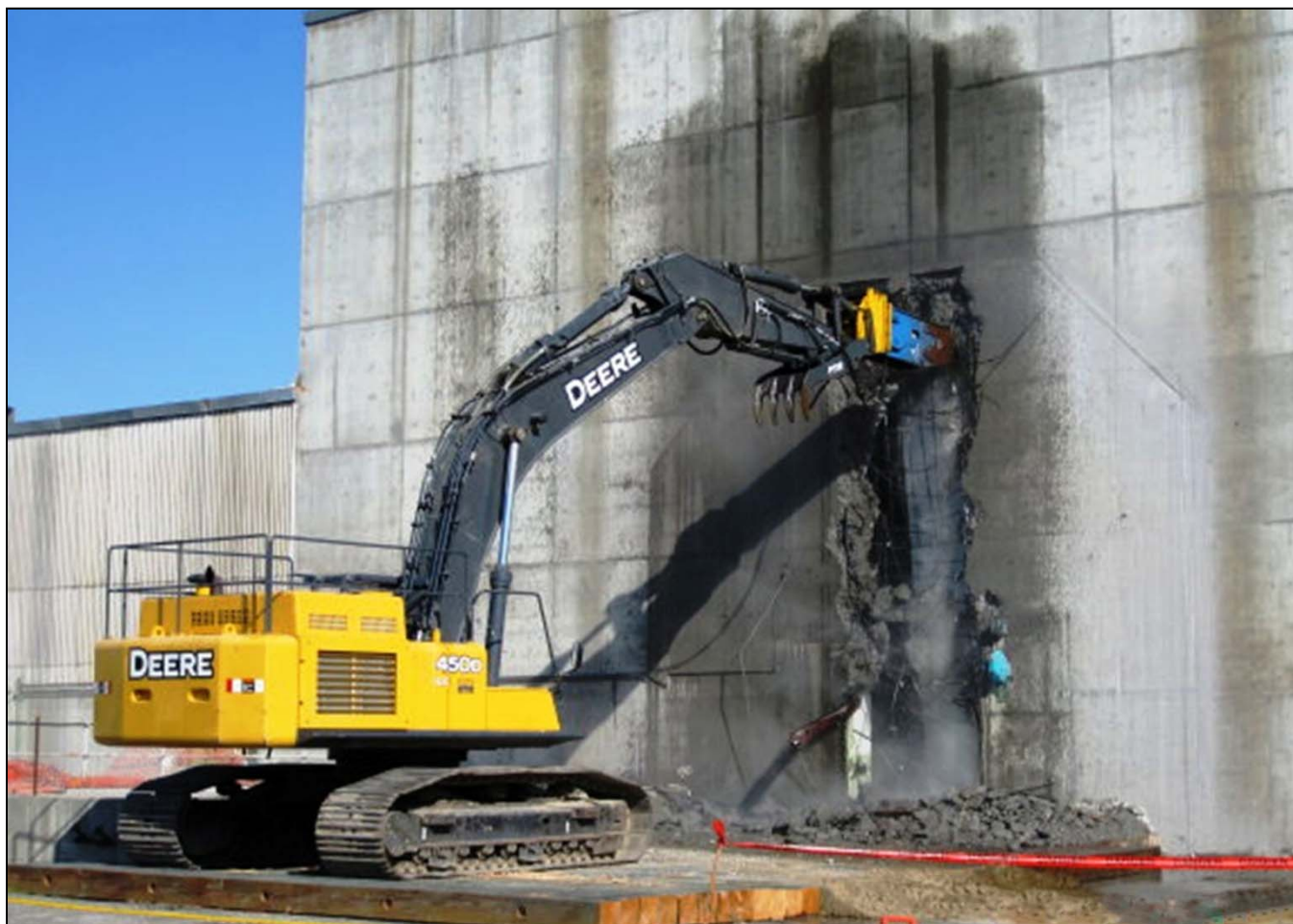


Photo 14

An existing door at the 105KE Reactor Building is expanded to a 30-foot by 30-foot opening to accommodate removal of cranes and elevator weights using explosive demolition techniques.

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. Installation of duct insulation was started.

Infrastructure Utilities Upgrade Project

Rock and soil piles remaining from construction of the import water line are being removed. Work to install actuated control valves, set valve housings and backfill around them, and remove blow-off valves used for pressure testing and replace them with brass plugs was completed.

Fire water and potable water line installation continued in the vicinity of the 105KW Reactor and Cold Vacuum Drying Facility; about 2,100 feet of trench has been excavated and 1,250 feet of 8-inch fire water pipe, 430 feet of 12-inch fire water pipe, and 140 feet of 6-inch fire water 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 4,490 feet of 12-inch fire water pipe, 2,340 feet of 4-inch potable water pipe, and 120 feet of 6-inch fire water pipe have been installed. The fire water and portable water installation for the remainder of the 100K Area is about 80 percent complete.



Photo 15

Potable water and fire water pipe installation continues on the west side of the 105KW Reactor Building. The piping is being installed to support the 100K Area to facilitate the removal of existing infrastructure, which runs beneath or adjacent to facilities and waste sites that are slated for cleanup.

Construction of the Water Treatment Facility continued. Installation of the water treatment building structural steel columns and roof beams is complete. Rebar and concrete form installation for the building slab is also complete. Concrete for the building slab was poured on the east and west sides of the building. Building siding is being installed and is about 80 percent complete. Construction of the storage tank continued. Site grading material continued to be imported and staged for use.

Component installation continued on the five skid frames for the A9 Substation refurbishment. A switchgear building was received on-site and is being positioned in the substation.

Material procurement is continuing for the 13.8kV electrical line re-route. Contractor mobilization is expected to begin next week. Development of a second change design continued.



Photo 16

Concrete for the building slab was poured on the east and west sides of the Water Treatment Facility building being constructed in the 100K Area.

Waste Sites

Remediation at the 100-K-63 100KW Floodplain commenced this past week; work included construction of a new soil transfer area and haul roads, as well as mobilization and soil load-out. 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	
	Week Ending July 16, 2010	Total to Date
100-K-47 (Process Sewer)	68	16,718
100-K-53 (Glycol Heat Recovery Underground Pipelines)	-	355
100-K-56 (Reactor Cooling Water Pipelines)	9	11,509
100-K-63 (10-KW Floodplain)	574	574
100-K-68 (Pump Gallery and Catch Tank)	-	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)	150	4,291
120-KW-1 (183-KW Filter Water Facility Dry Well)	1,827	13,052
Below-grade structure/soil removal		
183.1 KW (K West Headhouse)	-	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).

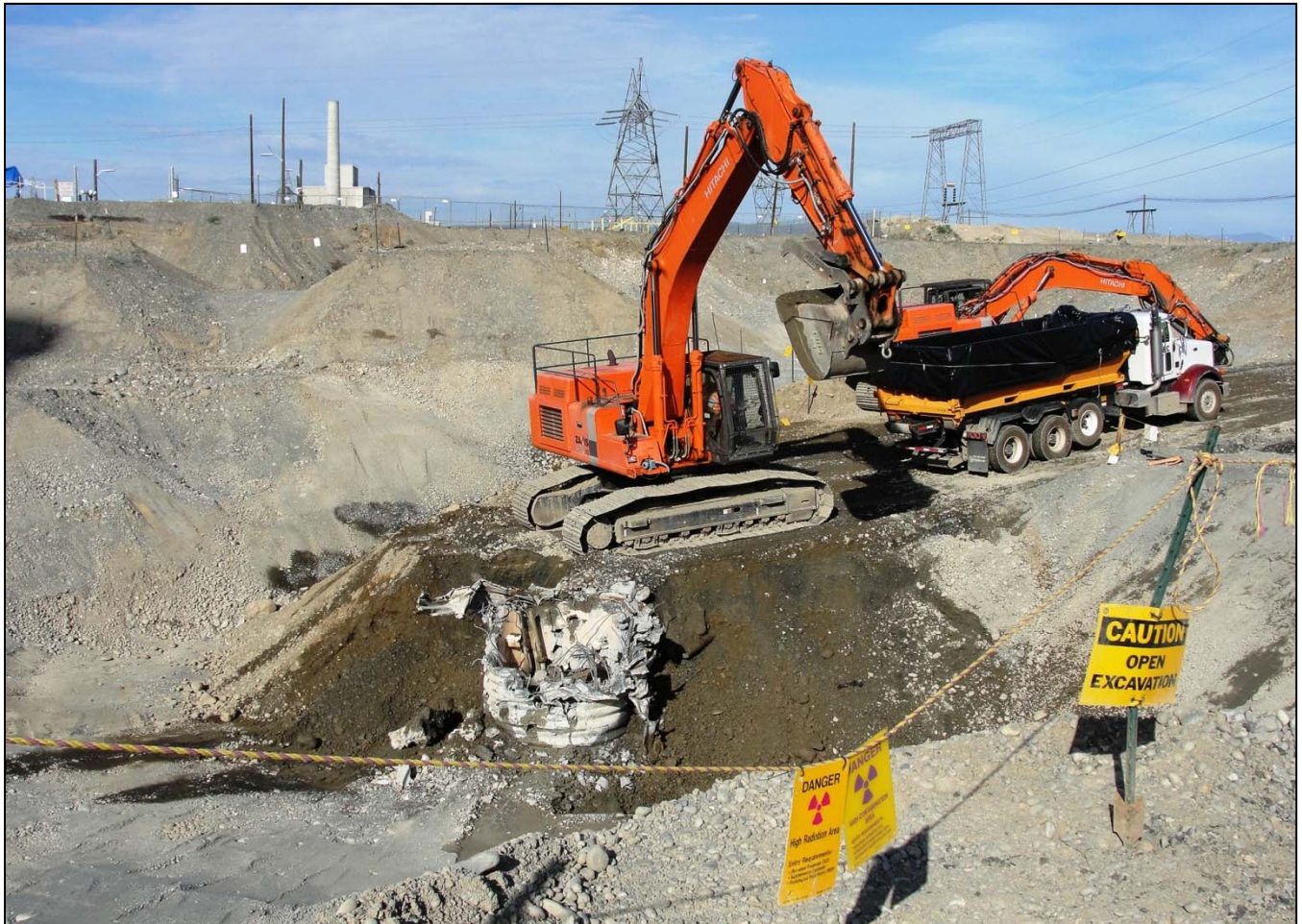


Photo 17

Excavation of the 100-K-68 waste site continues in the 100K Area. The waste site is the 105KE Pump Gallery and Catch Tank, which comprised a corrugated steel caisson with a vinyl-lined concrete catch tank and a pump gallery containing two sump pumps. CHPRC has removed more than 9,400 tons of soil from the waste site.

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 various structures around glove box HC-230C-3, apply contamination fixative within the box, and remove it from building ventilation.
- Provide in-situ size reduction capability within the former Analytical Laboratory for five hoods removed from rooms 137 and 149.
- Continue external isolations and equipment removal from six glove boxes/hoods in room 139.
- Continue isolation and cleanout of three glove boxes/hoods in rooms 180 and 188.
- Complete cleanout and chemical decontamination of glove box HA-28 and external isolations from glove box HA-46.
- Initiate removal of the process vacuum system piping from the 234-5Z and 291-Z buildings.
- Enlarge the exit doorways for removal of the 636 glove box from the 2736-ZB building.
- Initiate the removal of shielding and large, heavy equipment from the room 642 glove boxes and removal of equipment from room 641 in the 2736-ZB building.
- Complete the application of contamination fixative in the 242-ZA air lock and control room, replace the inlet filters on the E-3 system to improve ventilation flow, and initiate isolation and cleanout of glove box WT-2.
- Continue removal of the inner protected area fence line, razor wire, and perimeter alarm system.

RL-0013 Solid Waste Stabilization & Disposition

RL-0013C:R1.1: MLLW Treatment

- Planned shipment of six drums (1.2 m³) of LLW debris sent from the CWC to Perma-Fix Northwest (PFNW).
- Planned shipment of one drum (0.2 m³) of MLLW non-debris sent from CWC to PFNW.

RL-0013C:R1.2: TRU Waste

- TRU Retrieval
 - 3A burial grounds:
 - Complete and approve Trench 8 retrieval and excavation procedures (SW-100-163, -201 and -202).
 - Complete and approve Trench 8 site preparation work package. Begin site preparation.
 - Begin disassembly of Trench 17 Box 82 and repackaging of waste.
 - 4B/4C burial grounds:
 - 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 package development start-up activities.
 - Down-post 4B Trench 11 February off-normal event scene.
 - Complete elevated subsurface scan mock-up in the STS Trench and execution of the scan in 4B Trench 11 over the February off-normal event scene.
 - 12B burial grounds:
 - Complete set-up and alignment of the VJ Technologies' RTR assay system and drum warming unit.

- Mock-up retrieval activities for contact-handled and remote-handled waste drums in the STS Trench.
- Complete calibration, confirmation, and verification of the Gamma and passive/active neutron assay systems.
- Alpha Caisson Retrieval
 - Present recommendation on the remote retrieval system and award contract.
- TRU Repack
 - Five 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 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 asbestos abatement in the galleries.
- Continue demolition of the 200 East Core Industrial Area facilities.
- Continue demolition preparations for the 284-E Powerhouse.
- Continue demolition planning and characterization of the 200 West Area industrial 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, including the abandon vehicle.
- Continue demolition of the upper ALE facilities, including 6652-C.
- Begin demolition of the 6652-U Rattlesnake Mountain Upper Pump House.
- 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.

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, 117KE, 1706KE/1706KER structures.
- Begin demolition of the 116KE Reactor Exhaust Stack.
- 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.