



Weekly Progress



AMERICAN RECOVERY & REINVESTMENT ACT

Week Ending April 22, 2011



CHPRC-01317

Contract DE-AC06-08RL14788
Modification MO47

Contents

OVERVIEW.....	3
SUMMARY.....	4
ACCOMPLISHMENTS.....	5
RL-0011 Nuclear Materials Stabilization & Disposition.....	5
RL-0011.R1: Plutonium Finishing Plant D&D.....	5
RL-0013 Solid Waste Stabilization & Disposition.....	5
RL-0013C:R1.1: Mixed Low-Level Waste/Low-Level Waste Treatment.....	8
RL-0013C:R1.2: Transuranic Waste.....	9
RL-0030 Soil & Groundwater Remediation, Groundwater/Vadose Zone.....	11
RL-0030.R1: Central Plateau Soil & Groundwater.....	11
RL-0040 Nuclear Facility D&D – Remainder of Hanford.....	11
RL-0040.R1.1: U Plant/Other D&D.....	13
RL-0040.R1.2: Outer Zone D&D/Waste Sites.....	13
RL-0041 Nuclear Facility D&D – River Corridor Closure Project.....	19
RL-0041.R1.1: 100K Area Remediation.....	19
UPCOMING EVENTS.....	21

OVERVIEW

CH2M HILL Plateau Remediation Company (CHPRC) is using funds from the American Recovery and Reinvestment Act (Recovery Act) to accelerate critical environmental cleanup across the Central Plateau and the 100K Area along the Columbia River to help pursue the U.S. Department of Energy (DOE) “2015 Vision” to shrink the Hanford Site cleanup footprint.

RL-0011 PLUTONIUM FINISHING PLANT D&D

CHPRC is accelerating critical decontamination and decommissioning work to cleanout and prepare the Plutonium Finishing Plant (PFP) for demolition by 2013, three years ahead of the Tri-Party Agreement milestone of September 2016.

RL-0013 SOLID WASTE STABILIZATION & DISPOSITION

CHPRC is accelerating cleanup of Hanford’s legacy waste and fuels, including retrieving, repackaging, and shipping transuranic (TRU) waste and shipping mixed low-level waste (MLLW) and low-level waste (LLW) for treatment and/or disposal.

RL-0030 SOIL & GROUNDWATER REMEDIATION

In the ongoing effort to protect the Columbia River, CHPRC is constructing two groundwater treatment facilities; installing 265 wells for monitoring, extracting, and remediating groundwater; and decommissioning 280 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 remediating 24 waste sites and decommissioning and demolishing (D&D) 34 facilities to reduce mortgage, surveillance, and maintenance costs on buildings that are no longer of service. The scope also includes cleanup along the outermost edges of the Hanford Site at the Arid Lands Ecology (ALE) Reserve and North Slope, preparing the U Plant for a first-of-its-kind canyon demolition, and preparing to disposition radioactive railcars in the 200 North Area.

RL-0041 100K AREA REMEDIATION

CHPRC is demolishing 15 reactor support facilities and sampling and/or remediating 23 waste sites to shrink the cleanup footprint of two reactors, K East and K West, located in the 100K Area along the Columbia River.

For More Information

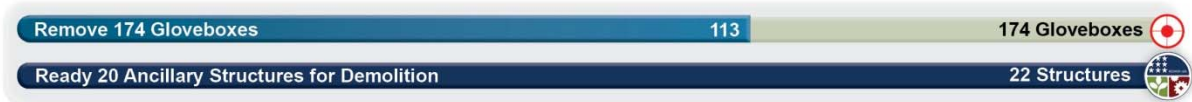
To find out more about Recovery Act progress at the Hanford Site, visit www.hanford.gov/recovery.

For information about CHPRC, including weekly Recovery Act newsletters and videos, visit www.plateauremediation.hanford.gov or contact chprcc@rl.gov.

SUMMARY

The following chart outlines CHPRC’s progress on its main Recovery Act work goals. Progress on subprojects and other Recovery Act-funded activities are detailed throughout this report and accompanied by a short progress video available on www.youtube.com/hanfordplateau.

PLUTONIUM FINISHING PLANT D&D



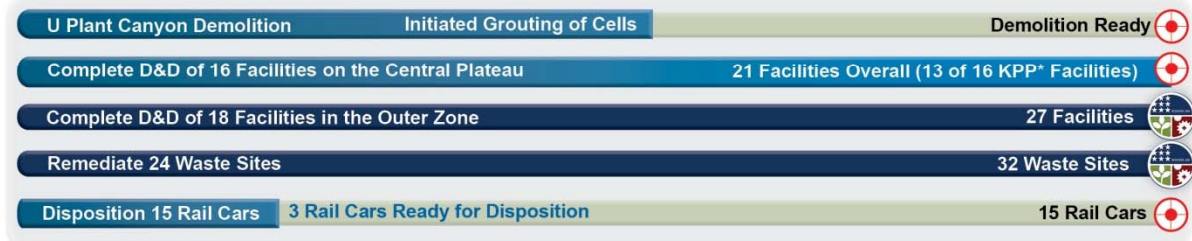
SOLID WASTE STABILIZATION & DISPOSITION



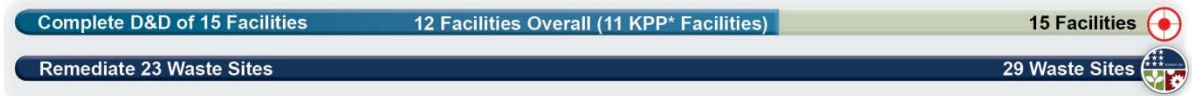
SOIL & GROUNDWATER REMEDIATION



NUCLEAR FACILITY D&D



100K AREA REMEDIATION



*Key Performance Parameters (KPP) are specific items (wells, buildings, etc.) included in the Target. "Overall" indicates the total number completed with Recovery Act funds. "Completed" marks that CH2M HILL has completed a KPP.

ACCOMPLISHMENTS

RL-0011 Nuclear Materials Stabilization & Disposition

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

ACTIVITY	PFP WASTE REMOVAL & DISPOSITION	
	Week of April 22, 2011	Completed to Date with Recovery Act Funding
Gloveboxes/hoods removed or dispositioned in place	-	113 gloveboxes/hoods
Add'l gloveboxes ready for removal/size reduction	-	6 gloveboxes/hoods
MLLW/LLW shipped	14 m ³	2,484 m ³
TRU shipped	-	527 m ³
Non-radioactive waste shipped	-	23 m ³
Process transfer line removed	-	491 feet
Process vacuum system piping removed	-	1,210 feet
Asbestos removed	72 ft	13,876 feet

Process and Laboratory Areas

Glovebox D&D is complete in the backside vault rooms, Standards Laboratory, and Analytical Laboratories. In the Plutonium Process Support Laboratory (PPSL), the drain line was removed from glovebox 188-1 and the box was painted, then removed from building ventilation. It is ready to be transferred to waste operations as soon as a protruding filter box is removed and the doorway is enlarged. In nearby room 179, external isolations were completed on glovebox 179-9; it was painted and removed from building ventilation. External isolations and cleanout are complete on glovebox 179-6, and it is ready for removal of the drain line and painting, then removal from building ventilation. All three of these boxes are targeted for completion over the next week, leaving only glovebox 179-1 still connected to building ventilation.

Glovebox D&D is complete in the Radioactive Acid Digestion Test Unit area. In the Remote Mechanical A and C (RMA and RMC Lines), most of the glovebox D&D work remained suspended all week during recovery from the duct-level contamination event two weeks before. In the RMA Line however, all of the remaining connections between glovebox HA-46 and the 232A hydrogen fluoride scrubber cell were isolated, and the glovebox was removed from building ventilation. Once a small tank is removed next week from below the glovebox, it will be considered dispositioned in place for later removal as LLW during building demolition.

2736-Z/ZB Vault Complex

The vault complex D&D team has size reduced all of the normal glovebox exhaust ductwork that was planned for removal. Following discovery of unexpectedly high levels of contamination inside one short section of ductwork in room 636 that was expected to remain in place for demolition, coupon sampling and characterization of the remaining ductwork is continuing to determine how much additional ductwork needs to be removed prior to demolition. Work to remove an underground diesel storage tank and ready two adjacent ancillary structures for demolition along with the vault complex is proceeding.

242-Z Americium Recovery Facility

The 242-Z D&D team continued removing and packaging the TRU waste generated from in-situ size reduction of the WT-4 and WT-5 gloveboxes. Only the floors of the boxes remain to be size reduced.

Infrastructure, support systems, and equipment removal

All Halon fire suppression systems have now been removed from PFP facilities and shipped as excess property to a Department of Defense repository in Richmond, Virginia. Nearly two dozen compressed gas cylinders containing up to 640 pounds each of Halon 1301, Sentry Halon 1211, or FiQuench Halon 1301 were shipped from PFP. Three gloveboxes were loaded for shipment to Perma-Fix Northwest (PFNW) next week, including HA-19B1 and B2 from the RMA Line and 152-522 from the Analytical Laboratory.

The process transfer line crew completed the bulk of the work to recover from the duct-level contamination event. At week's end the floor areas had been surveyed clean, air samples showed no detectable airborne contamination, and only a small area on a vertical duct remained to be decontaminated.



Glovebox 152-522 is removed from the Plutonium Finishing Plant for disposal. The glovebox was removed from the Analytical Laboratories, where glovebox work was completed with Recovery Act funding.

Photo 1



Photo 2

Part of glovebox HA19 is wheeled out from the Plutonium Finishing Plant to be loaded for disposal.



Photo 3

Part of glovebox HA19, removed from the Remote Mechanical Line A at the Plutonium Finishing Plant, is loaded for disposal.

RL-0013 Solid Waste Stabilization & Disposition

RL-0013C:R1.1: Mixed Low-Level Waste/Low-Level Waste Treatment

ACTIVITY	SOLID WASTE STABILIZATION & DISPOSITION
Ship 1,800 m ³ of MLLW/LLW for treatment and disposal	<i>Total Completed with Recovery Act funds</i>
	<ul style="list-style-type: none"> • 1,386 m³ shipped <ul style="list-style-type: none"> ○ 1,135 m³ treated and disposed ○ 251 m³ at offsite treatment facilities awaiting processing. Treatment is scheduled for FY11

Three shipments were made from the Central Waste Complex (CWC) to PFNW for processing. The first shipment included one large box (54.4 m³) and the second shipment included 13 drums (2.7 m³). Both shipments contained MLLW debris and will be treated by macro-encapsulation at PFNW. The last shipment included 33 drums (6.9 m³) of LLW debris that will be size reduced and stabilized. Processed waste from all three shipments will be returned to the Hanford Site for disposal in the Mixed Waste Disposal Units at the low-level burial grounds.



Photo 4

Workers load waste drums onto a flatbed trailer for two shipments leaving the Central Waste Complex headed to Perma-Fix Northwest for treatment.



Photo 5

A worker secures a combination load of mixed low-level waste and low-level waste debris. The waste will undergo treatment through macro-encapsulation and stabilization at Perma-Fix Northwest. The treated waste will be returned to the Hanford Site for disposal in the Mixed Waste Disposal Units.

RL-0013C:R1.2: Transuranic Waste

ACTIVITY	SOLID WASTE STABILIZATION & DISPOSITION
Retrieve 2,500 m ³ of suspect TRU waste	<i>Total Completed with Recovery Act funding</i>
Retrieve 50 m ³ of suspect remote-handled TRU waste	<ul style="list-style-type: none"> • 531 m³ are staged, pending shipment • 990 m³ shipped to a treatment, storage, or disposal facility • 8 m³ are staged, pending shipment. • 72 m³ shipped to a treatment, storage, or disposal facility

At Trench 17 of the 3A burial ground, pre-fabrication of a shoring box for Box 80 and a roof for Box 27 was completed. Excavation on Boxes 26 and 27 continued as well as the development of work packages to support upcoming shipments.

In Trench 11 of the 4B burial ground, five (18.2 m³) contact-handled (CH) metal containers were removed. The portable assay of nine waste containers was completed at the 4C process area and five (9.1 m³) remote-handled (RH) metal containers were located and excavation was initiated to expose the containers.

At the 12B burial ground, 87 drums were removed: 41 of the drums were from Trench 27 and 46 were removed from Trench 17; only one drum was RH waste. Thirty-four drums were assayed in the Gamma Assay System. Excavation continued in Trench 17. Seven boxes containing over-packed waste were weighed and the lid bolts torqued in preparation for the first waste shipments from the 12B burial ground next week.

TRU Repackaging & Shipments

ACTIVITY	SOLID WASTE STABILIZATION & DISPOSITION <i>Total Completed with Recovery Act funding</i>
Repackage 850 m ³ of WIPP certifiable TRU waste	• 820 m ³ have been repackaged
Disposition 2,000 m ³ of contacted-handled TRU waste	• 1,374 m ³ have been disposed

Eight drums were repackaged at T Plant and five at the Waste Receiving and Processing Facility for a total of 13 drums repackaged this week. In conjunction with the Central Characterization Program, two TRUPACT-II shipments left the Hanford Site bound for the Waste Isolation Pilot Plant (WIPP), for a total of 172 shipments completed since shipments resumed, thanks to Recovery Act funding, in March 2010.

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

RL-0030.R1: Central Plateau Soil & Groundwater

ACTIVITY	WELL DRILLING & DECOMMISSIONING	
	<i>Week of April 22, 2011</i>	<i>Complete to Date with Recovery Act funds</i>
Install 265 wells and/or boreholes along the river and in the Central Plateau	3 wells in progress	300
Decommission 280 old wells and boreholes that are no longer of service	5 well completed	221

200 West Groundwater Treatment Facility

Construction of the process and transfer facilities also included (listed by facility):

- *Process buildings*
 - Radiological Building: Ongoing activities included process piping rough-in overhead as well as in the trenches, lighting and power conduits overhead, and installation of exterior transformers.
 - Bio-Process Building: Installation of electrical panels, switchgear, fire alarm, and exterior transformers continued. Installation of the C- and A-line utility racks process piping continued. Work began on grading and installation of the septic tank and roof drains. The final three government-furnished equipment tanks were installed inside the building.
 - Bio Pad: Concrete formwork continued for the splitter box. Main mechanical duct bank concrete work is complete. Installation of vapor off gas ductwork and blower equipment was initiated. Installation of racks and panels, conduit, sleeves, cabling for lightning protection, and disconnects for an overhead crane continued.
- *Transfer buildings*
 - Construction continued for the two extraction and two injection buildings with ongoing installation of piping. Installation of supply and exhaust fans is complete.
- *Lime Building*
 - Activities continued for footings and underground conduit installation.
- *Construction Acceptance Tests*
 - Construction acceptance tests (CATs) are in progress for extraction wells and Extraction Building #1. Eleven other notices to initiate CATs have been received from subcontractor Skanska USA Build, Inc.



Photo 6

A welder is at work on the Bio-Process Building, the largest process building for the 200 West Groundwater Treatment Facility.



Photo 7

Concrete is placed for the Lime Stabilization Building that will be part of the 200 West Groundwater Treatment Facility.

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

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

CENTRAL PLATEAU FACILITIES DEMOLISHED WITH RECOVERY ACT FUNDS

- 211U Cold Chemical Makeup Tank Farm
- 211UA Cold Chemical Makeup Tank Farm Addition
- 203UX Gas Storage Facility
- 2701M Office Bldg
- 272E Fabrication, Mockup Shop Bldg
- 2716E Power Maintenance Storage Bldg*
- 2722W Welding Laboratory Bldg*
- 224UA UO3 Calcination/Load-out Facility
- 2710W Coal Handlers Shed
- 2701EC 209-E Guard Station
- 2902E Water Storage Tank
- 2734EA Gas Cylinder Storage Bldg
- 275E Carpenter Shop Bldg
- MO104 Mobile Office
- MO405 Mobile Office
- MO840 Mobile Office
- X8 Motor Car Shed*
- 224U UO3 Plant Concentration/Load-out Bldg
- 284WB Package Boiler Plant
- 209EA 90 Day Storage Pad
- 2902W Water Storage Tank

TOTAL: 108,951 square feet

*Not part of the Key Performance Parameter

PLANNED FOR D&D/IN PROGRESS

- 284E Power House & Steam Plant
- 209E Critical Mass Laboratory
- 284W Power House & Steam Plant

U Canyon

CHPRC crews and local subcontractors AGECE and Central Pre-Mix continued pouring grout into U Canyon cells this week, delivering three of five planned “lifts” of approximately 50 cubic yards of grout

each into the 221-U North Pipe Gallery. Fill of the gallery is expected to be complete next week. On the canyon deck, core drilling continued of six-foot grout conveyance holes into cell covers to reduce use of the contaminated crane inside the canyon during future grouting operations, with 47 of 62 holes now complete.

The U Canyon disposition team also completed an internal Hazard Review Board assessment of its plans to safely lift the D-10 Tank, inside the U Canyon building, to confirm that it is in a safe enough condition for removal. The tank has not been moved in 46 years.



Photo 8

Grout is poured into the 221-U North Pipe Gallery at the U Plant canyon.

U Plant Ancillary Facilities

Closure documentation is being prepared.

200 East Core Industrial Area

At the demolition site of the 284-E Power House, the focus remains on debris cleanup and site preparation for the upcoming removal of the structure's boilers.



Photo 9

Debris cleanup continues at the site of former industrial structures associated with the 284-E Power House.

200 West Area Industrial Facilities

Asbestos abatement continued inside the 284-W Power House, where workers continued work on the first and second floors of the building. With abatement complete in the building's conveyor and crusher house, CHPRC crews began demolition on those parts of the building.



Photo 10

Debris cleanup nears completion outside the 284-W Power House where CHPRC used explosives to safely lower two exhaust chimneys and two baghouses on Feb. 18.

209-E Criticality Mass Laboratory

CHPRC neared completion in the size-reduction and loadout of the HO-200 glovebox in the Mix Room of the 209-E Criticality Mass Laboratory and began preparing the HO-160 glovebox for removal. After meeting the requirements of an internal review of plans to cut slab tanks in the Critical Assembly Room, crews began training pipefitters on the procedure's mock-up.



Photo 11

Workers size reduce, or cut up, the HO-200 glovebox in the Mix Room of the 209-E Criticality Mass Laboratory.



Photo 12

Workers continue size reducing the HO-200 glovebox to prepare it for removal from the Mix Room of the 209-E Criticality Mass Laboratory.

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

OUTER ZONE FACILITIES DEMOLISHED WITH RECOVERY ACT FUNDS

212N Storage Building	6652M Fallout Laboratory
212P Electrical Storage & Transformer Shop	6652R Acid Storage Shed
212R Storage Building	6652C Space Science Laboratory
614 Monitor Station	6652CSHED Storage Building
646 Radioecology Field Laboratory	6652D Pump House
6652G ALE Field Storage Building	6652T Fire Protection Lower Pump House
6652H ALE Laboratory 1	6652U Rattlesnake Mountain Upper Pump House
6652I ALE Headquarters	623A Plant Radio Relay Bldg
6652J ALE Laboratory II	T520-6 Navy MARS Radio Station
6652S Sentry Shed*	6631 Radio Telescope Pedestal*
6634 ENW Tower and Building*	6630 Hodges Well Pumphouse*
6635 Crown Castle/Cingular Tower and Building*	6636 Columbia Communication Tower and Building*
6637 Tri City Amateur Radio Tower and Building*	6633 Franklin County Communication Building*
6632 Verizon Telephone Enclosure*	

*Not part of the Key Performance Parameter

North Slope Debris Removal

Personnel with CHPRC subcontractor Sealaska Environmental Services have completed cleanup of Areas 12, 13, 15, 16, and 18. Area 14 is currently being worked.

Arid Lands Ecology Reserve

Revegetation of cleared sites on ALE is ongoing while closure documentation for removal of facilities from the area is prepared.

D&D of Railcars Located on the 212-R Rail Spur

CHPRC crews finished solidifying residual liquids in the railcars with dry grout and expect to pour their last application of wet grout next week. Meanwhile, preparations continue for the lift-and-haul of two locomotives and two cask cars to the B Reactor museum site for preservation and display in early May.

Waste Sites

The following table showcases CHPRC's recent progress in outer zone waste site remediation.

WASTE SITE IN PROGRESS	TONS OF CONTAMINATED SOIL REMOVED	
	<i>Week Ending April 22, 2011</i>	<i>Total to Date with Recovery Act funds</i>
BC Control Area	9,400	390,000

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

- 600-40: Additional sample testing was performed on April 20, 2011.
- 600-218: Remediation activities are complete, contingent on sampling.
- 600-220: Initial excavation is complete, contingent upon sampling.
- 600-228: A culture report is being reviewed and is anticipated to be approved in June. Evaluation indicated this area may have sampling and excavations performed without affecting culturally sensitive areas. Field activities are anticipated to occur next week.
- 600-281: A cultural report was reviewed and further evaluation indicated this site may be remediated without affecting cultural sensitive areas. Field activities are anticipated to occur in late April.
- 600-282: Initial remediation is complete pending sampling results. Backfill material is staged.
- 216-S-19: Direct push test sampling is complete. Some sample results are questionable and are being verified by the laboratory while other results are under review.
- 216-S-26: Shipping to the Environmental Restoration Disposal Facility continued.
- 200-W-147-PL: Post-verification sampling is complete; laboratory analysis of results is in process. Backfill is anticipated to commence in April.
- *BC Control Area*
 - Radiological down-post surveys and localized spot removal are ongoing.

RL-0041 Nuclear Facility D&D – River Corridor Closure Project**RL-0041.R1.1: 100K Area Remediation**

100K AREA FACILITIES DEMOLISHED WITH RECOVERY ACT FUNDS		PLANNED FOR D&D/IN PROGRESS	
• 183KW Chlorine Vault	• 116KE Reactor Exhaust Stack	• 183.4KW Clearwell	• 190KE Main Pump House
• 183.1KW Headhouse	• 118KE Horizontal Control Rod Storage	• 190KW Main Pump House	• 1605KE Guard House
• 183.3KW Filter Basin	• MO048 Construction Lunch Trailer	• 183.4KE Clearwell	• 181KE River Pump House
• 183.7 KW Pipe Tunnel	• MO969 Ops/HPT Change Trailer		
• 110KE Gas Storage Facility	• 115KE Gas Recirculation		
• 117KE Exhaust Air Filter Bldg	• 185-K Potable Water Treatment Plant*		

*Not part of the Key Performance Parameter

Facility D&D

CHPRC D&D crews continued demolition and loadout of both the 183.4-KW and 183.4-KE Clearwells and completed above-grade demolition of the 183.1-KE Head House. Demolition and loadout continued

on the west side of the 105KE Reactor building. CHPRC subcontractor Watts Construction continued hauling clean rubble from the demolished 183-KW Sedimentation Basins to U Canyon and returning with clean soil to use as backfill of the sedimentation basin site at approximately 65 loads a day. At the 181-KE River Pumphouse Structure, crews are preparing to deploy a crane to remove the structure's six 39,000-pound pumps next week.



Photo 13

The site of the former 183.1-KE Head House. CHPRC completed above-grade demolition of the building with Recovery Act funds over the last two weeks.



Photo 14

CHPRC subcontractor Watts Construction is hauling clean rubble from the demolished 183-KW Sedimentation Basins to U Canyon and returning with clean soil to use as backfill of the sedimentation basin site at approximately 65 loads a day.

Infrastructure Utilities Upgrade Project

The new 100-K potable water system is fully operational and online, joining the new fire-protection system and providing full water services to K Area workers. The new A-9 substation is planned for activation upon the completion of punchlist items in May.

Waste Sites

CHPRC continued excavating the 100-K-53 waste site, the 100-KE Glycol Heat Recovery Underground Pipelines, for a total of more than 14,800 tons removed to date.

UPCOMING EVENTS

RL-0011 Nuclear Materials Stabilization & Disposition

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

- Complete D&D and remove the remaining gloveboxes from rooms 179 and 188 of the PPSL.
- Remove conveyor gloveboxes HC-3 and HC-4 from the RMC Line.
- Complete cleanout of the 232A scrubber cell and disposition glovebox HA-46 in place.
- Complete cold and dark isolations and prepare the 2736-Z vault complex for demolition.



- D&D the remaining gloveboxes in the RMA/RMC Line process areas.
- Continue removing process vacuum, process transfer piping, and asbestos insulation from throughout the 234-5Z building.

RL-0013 Solid Waste Stabilization & Disposition

RL-0013C:R1.1: MLLW Treatment

- One MLLW shipment (43.5 m³) planned from CWC to PFNW for treatment by macro-encapsulation.
- One MLLW shipment (12.5 m³) planned from the Waste Retrieval Project (WRP) to PFNW for treatment by macro-encapsulation.

RL-0013C:R1.2: TRU Waste

- TRU Retrieval
 - 3A burial ground
 - Remove 3A Trench 17 Boxes 26, 27, and 80.
 - Complete repairs on Box 23 from Trench 17.
 - Continue shipping some of the removed containers to CWC.
 - 4B/4C burial ground
 - Remove five RH metal containers (9 m³) from Trench 11 in the 4B burial ground.
 - Locate, expose, and remove four metal containers (6.3 m³) from Trench 11.
 - Begin portable assay of two drums and five metal containers from Trench 11 in the 4B burial ground at the 4C process area.
 - Complete functional test for the Mobile Drum Venting System (MDVS) and validate the MDVS operating procedure.
 - Relocate the crane from the 3A burial ground to the 4B burial ground in preparation for removing the large CH concrete Box 105 (46 m³) from Trench 11 in the 4B burial ground.
 - 12B burial ground
 - Continue waste removal from Trenches 17 and 27.
 - Initiate waste shipments.
 - Continue processing removed drums (e.g., assay, vent, x-ray waste drums).
- TRU Repackaging and Shipments
 - Three planned shipments.
- Suspect TRU Waste Shipments
 - Two TRU-mixed waste shipments (5.9 m³) planned from WRP to PFNW for repackaging.

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

RL-0030.R1: Central Plateau Soil & Groundwater

- Continue construction of the 200 West Groundwater Treatment Facility.
- Continue well drilling and decommissioning.

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

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

- Continue debris cleanup at the sites of the 200 East Areas demolitions.
- Remove six 39,000-pound pumps from the 181-KE River Pumphouse.
- Continue core-drilling of grout conveyance holes into cell covers inside U Canyon.
- Complete grouting of the 221-U North Pipe Gallery.

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

- Continue debris removal on the North Slope.
- Continue revegetating cleared sites on the ALE Reserve.
- Complete the wet-grouting of contaminated well railcars.
- Perform field activities at the 600-228 and 600-281 waste sites.
- Backfill the 200-W-147-PL waste site.

RL-0041 Nuclear Facility D&D – River Corridor Closure Project**RL-0041.R1.1: 100K Area Remediation**

- Continue D&D of the substructure around the 105KE Reactor Building.
- Begin asbestos abatement of the 190-KW Main Pumphouse.
- Continue excavating soil from and planning for remediation of 100K Area waste sites.