



# Weekly Progress



AMERICAN RECOVERY & REINVESTMENT ACT

Week Ending July 1, 2011



CHPRC-01413

Contract DE-AC06-08RL14788  
Modification MO47

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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 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 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](http://www.hanford.gov/recovery).

For information about CHPRC, including weekly Recovery Act newsletters and videos, visit [www.plateauremediation.hanford.gov](http://www.plateauremediation.hanford.gov) or contact [chprcc@rl.gov](mailto: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](http://www.youtube.com/hanfordplateau).

### PLUTONIUM FINISHING PLANT D&D



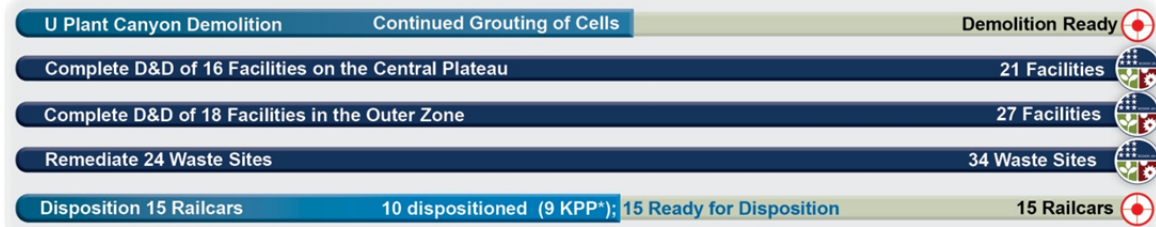
### SOLID WASTE STABILIZATION & DISPOSITION



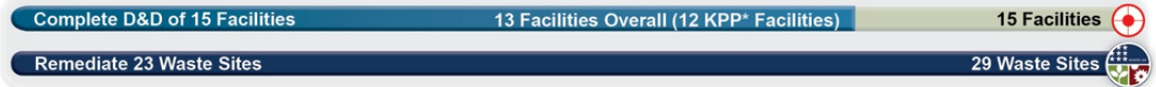
### SOIL & GROUNDWATER REMEDIATION



### 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	
	<i>Week of July 1, 2011</i>	<i>Completed to Date with Recovery Act Funding</i>
Gloveboxes/hoods removed or dispositioned in place	4	129 gloveboxes/hoods
Add'l gloveboxes ready for removal/size reduction	1	3 gloveboxes/hoods
MLLW/LLW shipped	21 m <sup>3</sup>	2,704 m <sup>3</sup>
TRU shipped	1 m <sup>3</sup>	628m <sup>3</sup>
Non-radioactive waste shipped	1 m <sup>3</sup>	26 m <sup>3</sup>
Process transfer line removed	-	491 feet
Process vacuum system piping removed	-	1,210 feet
Asbestos removed	-	14,453 feet

#### *Process and Laboratory Areas*

Glovebox 179-1 was isolated from building ventilation, removed from the Plutonium Process Support Laboratory (PPSL), and transferred to waste operations for disposal. Work to enlarge a doorway and remove a previously isolated glovebox from nearby Room 188 is in progress. Transfer of glovebox 188-1 to waste operations next week will complete the removal of all 116 gloveboxes and hoods once installed in the three PFP laboratories and the backside vault rooms of the 234-5Z building; more than 80% of this work (97 gloveboxes) was completed with the support of Recovery Act funding. Area cleanout is continuing in the Analytical Laboratories.

In the RMA/RMC Line process areas, gloveboxes HA-16BS and HA-16CS were separated from the end of the production line in Room 235A-1 and removed from the room. Glovebox HA-15 was also removed from the room after being separated from HA-14S. External isolations and process equipment removal are continuing on numerous other gloveboxes in Rooms 227, 228ABC, 230AB, and 235A-1, A-2 and A-3. Key Performance Parameter work scope was declared complete in Rooms 232A and 236.



Photo 1

*The final glovebox from Room 179 in the Plutonium Process Support Laboratories was removed this week. D&D Teams will now complete area cleanup in preparation for demolition.*

### *2736-Z/ZB Vault Complex*

Much of the glovebox exhaust ductwork that will remain in 2736-ZB building was internally spray-painted to fix residual contamination, while work to remove the last section of ductwork that must be removed prior to demolition was suspended to support utility isolations. Building ventilation and all three exhaust stacks supporting the vault complex were shut down, along with associated stack monitoring equipment. Water was isolated to the vault complex and the incoming water lines were air-gapped. Final electrical isolations were deferred to next week as a result of several changes that need to be made in the work documents. All preventative maintenance for the facilities and equipment has been suspended and operating procedures are being canceled. Staff from the CHPRC D&D Project began walk-downs to support their Cold and Dark certification and preparations for demolition of the four vault complex buildings and two adjacent ancillary structures, which will begin in July.



Photo 2

*In the RMA Line Control Room, isolations are being completed for glovebox removal work between the gloveboxes and the control panels once used to remotely operate the process line.*



Photo 3

Water and utility lines to the 2736-Z/ZB Complex have been isolated and air-gapped in preparation for demolition later this summer.

#### *Infrastructure, support systems, and equipment removal*

A 200-foot section of encased process transfer line connecting the 242-Z and 234-5Z building processes was isolated and surveyed at both ends. Based on previous non-destructive assay results, the line was expected to be low level waste that could remain in place for removal during demolition. Contamination surveys on the 234-5Z end of the line however revealed higher than expected levels of contamination and the line may need to be removed prior to demolition. Work to remove other contaminated process piping and asbestos insulation in the 234-5Z building remains on hold in favor of higher priority KPP work scope in the process and lab areas. Work to remove more than 200 contaminated HEPA filters from deactivated filter rooms 311 and 316 has been delayed until D&D resources can be made available from the vault complex. Twenty-two cubic meters of LLW and transuranic waste was shipped from PFP this week.



**RL-0013 Solid Waste Stabilization & Disposition**

RL-0013C:R1.1: Mixed Low-Level Waste (MLLW)/Low-Level Waste (LLW) Treatment

ACTIVITY	SOLID WASTE STABILIZATION & DISPOSITION
Ship 1,800 m <sup>3</sup> of MLLW/LLW for treatment and disposal	<i>Total Completed with Recovery Act funds</i>
	<ul style="list-style-type: none"> <li>• 1,752 m<sup>3</sup> shipped               <ul style="list-style-type: none"> <li>○ 1,294 m<sup>3</sup> treated and disposed</li> <li>○ 458 m<sup>3</sup> at offsite treatment facilities awaiting processing. Treatment is scheduled for FY11</li> </ul> </li> </ul>

Three shipments (15.2 m<sup>3</sup>) were sent to Perma-Fix Northwest (PFNW) for processing this week. All three shipments were made directly from the Waste Retrieval Project (WRP) and contained MLLW debris to be treated by macro-encapsulation. The processed waste from these shipments will be returned to the Hanford Site for disposal in the mixed waste disposal units at the low-level burial grounds.



Photo 4

Two mixed low-level waste shipments from the Waste Retrieval Project included smaller boxes overpacked into 9 x 5 x 5 foot metal boxes. The first box contains one inner box of debris and the other contains five small filter boxes. The waste from each box will undergo macro-encapsulation at Perma-Fix Northwest and the processed waste will be returned to the Hanford Site for disposal in the mixed waste disposal units at the low-level burial grounds.

## RL-0013C:R1.2: Transuranic (TRU) Waste

ACTIVITY	SOLID WASTE STABILIZATION & DISPOSITION
	<i>Total Completed with Recovery Act funding</i>
Retrieve 2,500 m <sup>3</sup> of suspect TRU waste	<ul style="list-style-type: none"> <li>• 417 m<sup>3</sup> are staged, pending shipment</li> <li>• 1,573 m<sup>3</sup> shipped to a treatment, storage, or disposal facility</li> </ul>
Retrieve 50 m <sup>3</sup> of suspect remote-handled TRU waste	<ul style="list-style-type: none"> <li>• 6 m<sup>3</sup> are staged, pending shipment.</li> <li>• 80 m<sup>3</sup> shipped to a treatment, storage, or disposal facility</li> </ul>

At Trench 17 of the 3A burial ground, workers backfilled a section of the trench to cover contaminated soil from the Box 80 removal and submitted a revised tie-down analysis to the Department of Energy, Richland Operations Office to ship Boxes 13 and 15 in the Super 7A container.

At Trench 11 of the 4B burial ground, workers shipped ten metal containers (8.8 m<sup>3</sup>) in four shipments from Trench 11 to PFNW and five metal containers (38.4 m<sup>3</sup>) were removed. In Trench 7 of the 4B burial ground, removal of overburden continued and pad drawing preparations were completed for drum removal. 4C Process Area Portable Assay Campaign 76 began on nine waste containers from Trench 11 of the 4B burial ground.

At the 12B burial ground, 115 drums were removed from Trench 17 and nine 8 x 4 x 4 foot waste boxes (11.2 m<sup>3</sup>) containing six LLW drums were shipped to PFNW. Seventy-five drums were assayed in the Gamma Assay System.



Photo 5

Workers remove a metal container from Trench 11 of the 4B burial ground by crane.



Photo 6

Workers remove Container 85 from Trench 11 of the 4B burial ground by crane during the graveyard shift.

### TRU Repackaging & Shipments

ACTIVITY	SOLID WASTE STABILIZATION & DISPOSITION <i>Total Completed with Recovery Act funding</i>
Repackage 850 m <sup>3</sup> of WIPP certifiable TRU waste Disposition 2,000 m <sup>3</sup> of contacted-handled TRU waste	<ul style="list-style-type: none"> <li>• 982 m<sup>3</sup> have been repackaged</li> <li>• 1,810 m<sup>3</sup> have been disposed</li> </ul>

A total of 12 drums were repackaged at T Plant this week.

TRUPACT-II shipments from the Hanford Site are paused and anticipated to resume July 12, 2011.

Two shipments including several small boxes of TRU debris (4.6 m<sup>3</sup>) were made from the WRP to PFNW this week. The waste will be repackaged into a standard waste box and the repackaged waste will be returned to the Hanford Site for WIPP certification activities.

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

RL-0030.R1: Central Plateau Soil & Groundwater

ACTIVITY	Week of June 30, 2011	Complete to Date with Recovery Act funds
Install 265 wells and/or boreholes along the river and in the Central Plateau	--	303
Decommission 280 old wells and boreholes that are no longer of service	2 wells completed	272
Construct the 200 West Groundwater Treatment Facility	82% complete	

### 200 West Groundwater Treatment Facility

Recent construction of the process and transfer facilities included (listed by facility):

- *Process buildings*
  - **Radiological Building:** Ongoing activities include instrumentation and controls rough-in. Continued mechanical overhead piping installation and installation of Vapor Off Gas ductwork; electrical lighting and power conduits overhead, pulling wire, as well as installation of exterior transformers.
  - **Bio-Process Building:** In process work continues for all disciplines: Instrumentation and controls rough in continues; Electrical panels and switchgear, fire alarm, overhead lighting and pulling wire, and installation of exterior transformers continued prep for setting main switch gear and rough in in the administration area. Continued installation of C and A-line utility racks, installation of process piping. Second shift was initiated on June 27, 2011 to focus on installation of chemical piping in the chemical area.
  - **Bio Pad:** Continued steel installation on the utility racks, hand rails and toe boards, grating and grouting base plates. Continued installation of vapor off gas duct work and blower equipment. Also continued installation of racks and panels, conduit, sleeves and cabling for lightening protection.



Photo 7

As of July 1, the 200 West Groundwater Treatment Facility has reached 82 percent construction completion. The facility will be the largest facility of its kind on the Hanford Site, able to treat up to 2,500 gallons of groundwater per minute and 25 billion gallons over its operational life.

- *Transfer buildings*
  - Extraction Building #1: Acceptance Test Procedure continued.
  - Extraction Building #2: Continued Construction Acceptance Testing punchlist items with Acceptance Test Procedure initiation on schedule.
  - Injection Building #1 & #2: Installation of service gears (ITB #1), piping, and/or pumps continued. Continued CAT testing on MEP at Injection Building #1. Completed service gear installation at Injection Building #2.

## 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           | • 2734EA Gas Cylinder Storage Bldg |
| • 211UA Cold Chemical Makeup Tank Farm Addition | • 275E Carpenter Shop Bldg         |
| • 203UX Gas Storage Facility                    | • MO104 Mobile Office              |
| • 2701M Office Bldg                             | • MO405 Mobile Office              |
| • 272E Fabrication, Mockup Shop Bldg            | • MO840 Mobile Office              |
| • 2716E Power Maintenance Storage Bldg          | • X8 Motor Car Shed                |

#### PLANNED FOR D&D/IN PROGRESS

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

- |   |   |
|---|---|
| <ul style="list-style-type: none"><li>• 2722W Welding Laboratory Bldg</li><li>• 224UA UO3 Calcination/Load-out Facility</li><li>• 2710W Coal Handlers Shed*</li><li>• 2701EC 209-E Guard Station*</li><li>• 2902E Water Storage Tank*</li></ul> | <ul style="list-style-type: none"><li>• 224U UO3 Plant Concentration/Load-out Bldg</li><li>• 284WB Package Boiler Plant</li><li>• 209EA 90 Day Storage Pad*</li><li>• 2902W Water Storage Tank*</li></ul> |
| <b>TOTAL: 108,951 square feet</b>   |   |

\*Not part of the Key Performance Parameter

### *U Canyon*

Crews with CHPRC subcontractors AGECE and Central Pre-Mix continued filling U Canyon cells with grout, delivering approximately 823 cubic yards into Cells 2, 5, 6, 17-19, and 21-24. CHPRC has now poured 4,099 cubic yards of grout out of a planned total of 20,318, or 20.2 percent.



Photo 8

CHPRC continues to fill U canyon cells with grout, with another 823 cubic yards of grout poured for a total of 4,099 cubic yards of a planned 20,318 (20.2 percent).

### *U Plant Ancillary Facilities*

Closure documentation is being prepared.

### *200 East Core Industrial Area*

Processing and loadout of debris from the 284-E Power House demolition site is nearly complete.

*200 West Area Industrial Facilities*

Asbestos abatement continued inside the 284-W Power House building in a mass containment on the structure's second, third and fourth floors.

*209-E Criticality Mass Laboratory*

CHPRC crews have now size-reduced and loaded out three of the 11 slab tanks in the facility. Upon removal of all 11 tanks, the 209-E facility can be downgraded to a Less Than Hazard Category 3 (non-nuclear) facility and demolished later this summer.

## RL-0040.R1.2: Outer Zone D&amp;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*	<b>TOTAL: 62,748 square feet</b>

\*Not part of the Key Performance Parameter

*North Slope Debris Removal*

Personnel with CHPRC subcontractor Sealaska Environmental Services completed cleanup of Hanford Reach National Monument Areas 12, 13, 15, 16, and 18. The subcontract expired at the end of June. CHPRC crews will complete cleanup once cultural and environmental reviews of remaining debris sites are completed.

*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 and subcontractors Clauss Construction and Barnhart Crane delivered cask well railcar HO10B 5599 to the B Reactor Preservation Project for public display, the third car of four to be delivered there. Four railcars now remain on site, with a tall cask well car to be delivered to B Reactor and the rest to be disposed of at the Environmental Restoration Disposal Facility (ERDF).





Photo 9

CHPRC workers and subcontractors with Clauss Construction and Barnhart Crane lower another cask well railcar onto a flatbed truck for delivery to the B Reactor Preservation Project Environmental Restoration Disposal Facility (ERDF). The tall cask well car at left will be also delivered to B Reactor to join the two locomotives for preservation and display; the rest of the railcars will be delivered to ERDF for disposal.

**Waste Sites**

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

WASTE SITE IN PROGRESS	TONS OF CONTAMINATED SOIL REMOVED	
	Week Ending June 30, 2011	Total to Date with Recovery Act funds
BC Control Area	10,000	469,000

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

- 200-MG-1
  - 600-228: Sample results back from the lab indicate additional excavation is required. Excavation is planned within the next two weeks.
  - 600-281: Excavation is complete and the second round of verification sampling is planned within the next two weeks.
  - 216-S-19: Sample results back from the lab indicate additional excavation is required. Excavation is planned within the next two weeks.
  - 216-S-26: Re-sampling at the request of the Regulators due to tritium analysis

discrepancy, has been completed with results expected within one week. Down posting and backfill operations are planned to commence within the next two weeks.

- 200-W-147-PL: Backfill of the southern section of the pipeline is complete, waiting down posting of the northern 100ft to complete backfill.
- 600-49: Initial excavation field activities are complete. Verification has been completed with results expected within the next week.
- *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

- |                                    |  |
|------------------------------------|--|
| ● 183KW Chlorine Vault             | ● 116KE Reactor Exhaust Stack          |
| ● 183.1KW Headhouse                | ● 118KE Horizontal Control Rod Storage |
| ● 183.2KW Sedimentation Basin      | ● MO048 Construction Lunch Trailer     |
| ● 183.3KW Filter Basin             | ● MO969 Ops/HPT Change Trailer         |
| ● 183.7 KW Pipe Tunnel             | ● 115KE Gas Recirculation              |
| ● 110KE Gas Storage Facility       | ● 185-K Potable Water Treatment Plant* |
| ● 117KE Exhaust Air Filter Bldg    |  |
| <b>TOTAL: 428, 260 square feet</b> |  |

\*Not part of the Key Performance Parameter

#### PLANNED FOR D&D/IN PROGRESS

- |                          |                            |
|--------------------------|----------------------------|
| ● 183.4KW Clearwell      | ● 110KW Gas Recirculation* |
| ● 183.4KE Clearwell      | ● 181KW River Pump House*  |
| ● 190KW Main Pump House  |                            |
| ● 190KE Main Pump House  |                            |
| ● 181KE River Pump House |                            |
| ● 1605KE Guard House     |                            |
| ● 183.1KE Headhouse      |                            |

### *Facility D&D*

Demolition and loadout continued on the 181-KW River Pumphouse Structure, the 110-KW Gas Recirculation Building, the east and west sides of the 183.3-KE Filter Basins, and below-grade portions of the 183.1-KE Headhouse.



Photo 10

*Demolition and loadout continues on both the east (background) and west (foreground) sides of the 183.3-KE Filter Basin.*



Photo 11

*Demolition is progressing quickly on the 181-KW River Pumphouse Structure, which once pumped over 200,000 gallons of Columbia River water a minute into the K West Reactor system.*



Photo 12

*A view of the nearly completed demolition of the 181-KW River Pumphouse Structure from the bank of the Columbia River.*

#### *Infrastructure Utilities Upgrade Project*

All 100K Area Infrastructure Projects are complete and operational.

#### *Waste Sites*

A confirmatory sample instruction is being drafted to complete the sampling of 100-K-79 waste site, Sodium Dichromate and Sulfuric Acid Product Pipelines at 100-K.

## UPCOMING EVENTS

### RL-0011 Nuclear Materials Stabilization & Disposition

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

- Enlarge a doorway and transfer glovebox 188-1 to waste operations.
- Remove or stabilize contaminated ventilation ductwork in 2736-ZB, complete electrical isolation, and transfer the 4-building PFP vault complex and two adjacent ancillary buildings to CHPRC D&D for demolition.
- Remove glovebox HA-15 from the RMA Line.
- D&D the remaining gloveboxes in the RMA/RMC Line process areas.
- Complete final area cleanout in the Standards, Analytical and Plutonium Process Support Laboratory areas and the 234-5Z vault rooms.
- Remove more than 200 contaminated HEPA filters from 234-5Z final filter rooms 311 and 316.
- Continue removing process vacuum piping, process transfer lines and asbestos insulation from throughout 234-5Z building as resources are available.

### RL-0013 Solid Waste Stabilization & Disposition

#### RL-0013C:R1.1: MLLW Treatment

- No planned shipments.

#### RL-0013C:R1.2: TRU Waste

- TRU Retrieval
  - 3A burial ground
    - Ship Box 15 (32.6 m<sup>3</sup>) from Trench 17 to PFNW.
    - Continue clean-up and lay-up activities at Trenches 8 and 17.
  - 4B/4C burial ground
    - Continue overburden removal and begin drum removal activities in Trench 7 of the 4B burial ground.
    - Complete 4C Process Area user validation/functional test of the Mobile Drum Venting System (MDVS) procedure.
    - Vent drums at the 4C Process Area MDVS and load the drums into SWBs in preparation for shipment.
    - Continue portable assay of waste containers removed from Trench 11 of the 4B burial ground in the 4C Process Area.
    - Complete work package to remove Box 101 from Trench 11 of the 4B burial ground.
  - 12B burial ground
    - Continue excavation, removal and assay of waste drums.
    - Continue shipments of LLW drums to PFNW.
- TRU Repackaging and Shipments
  - No planned shipments.
- Suspect TRU Waste Shipments
  - No planned shipments.

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## **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 decommissioning.

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

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

- Continue pouring grout into U Canyon cells.
- Continue size-reduction of slab tanks inside the 209-E Criticality Mass Laboratory.
- Continue processing and loadout of debris at the 284-E Power House site.
- Continue asbestos abatement inside the 284-W Power House.

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

- Continue to deliver well cask railcars to ERDF for disposal and to B Reactor for display.
- Continue remediation of the 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 181-KW River Pumphouse.
- Continue demolition and loadout of the 183.3-KE Filter Basins.
- Continue excavating soil from and planning for remediation of 100K Area waste sites.