



AMERICAN RECOVERY & REINVESTMENT ACT

Week Ending Jan. 28, 2011









CHPRC-01165

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 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





ACCOMPLISHMENTS

RL-0011 Nuclear Materials Stabilization & Disposition

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

ACTIVITY PFP WASTE REMOVAL & DISPOSITION

	Week of Jan. 28, 2011	Completea to Date with Recovery Act funding
Gloveboxes/hoods removed	-	102 gloveboxes/hoods
MLLW/LLW shipped	12 m ³	2,337 m³
TRU shipped	-	376 m³
Non-radioactive waste shipped	-	23 m³
Process transfer line removed	-	346 feet
Process vacuum system piping removed	134 feet	787 feet
Asbestos removed	161 feet	13,218 feet

CHPRC has completed removal of all gloveboxes/hoods from the Standards Laboratory. In the Analytical Laboratory only two gloveboxes remain and are being prepared for removal. In the Plutonium Process Support Laboratory, external isolations were completed on gloveboxes 179-2, -3, and -4, and isolations were initiated on gloveboxes 179-6 and -9.

In the RMA/RMC Lines, equipment removal is complete and chemical decontamination with RadPro® was initiated on the HC-3 and HC-4 conveyor gloveboxes. An airlock was successfully separated from the end of HC-4 to facilitate removal of the final two sections of the adjacent 70-foot-long HA-28 conveyor glovebox. Improvements were implemented in the application of the Aspigel® decontamination product; the second application was successfully completed on gloveboxes HA-19B1 and B2.

2736-Z/ZB Vault Complex

Two cycles of chemical decontamination have been completed on the last glovebox remaining in the PFP vault complex, 642-A. Non-destructive assay (NDA) measurements are being analyzed to determine if the box can be disposed of onsite as LLW or if it will require size reduction and packaging for offsite disposal as TRU waste. The results of NDA measurements on previously removed glovebox 642-B were received and confirmed the glovebox must be disposed of as TRU waste. The vaults D&D team is now planning the last of their work activities prior to beginning their new assignment supporting glovebox cleanout and removal in the 234-5Z building process areas.





Photo 1

Only one glovebox remains in the 2736-ZB vault support building at the Plutonium Finishing Plant. CHPRC has already removed eight of the building's nine gloveboxes with Recovery Act funds. Once all of the gloveboxes are removed, CHPRC will begin final preparations for demolishing the building.

242-Z Americium Recovery Facility

The 242-Z D&D team continued preparations for the removal of window panels in gloveboxes WT-4 and WT-5. The team completed modifications to the framing that will fully enclose the breezeway from the 2727-Z dress/change area to the 242-ZA airlock.

Infrastructure, support systems, and equipment removal

The process transfer line removal crew completed final modifications and successfully tested their new size-reduction box. Two shipments of LLW were made from PFP during the week, including one roll-off container shipped to Environmental Restoration Disposal Facility (ERDF), and two gloveboxes that were shipped to Perma-Fix Northwest (PFNW). The gloveboxes meet the regulatory criteria for disposal as LLW but require treatment first because they slightly exceed the acceptance criteria for ERDF.





Gloveboxes 179-5 and 642-C are loaded for shipment and disposal. The gloveboxes were successfully decontaminated to low-level waste but require treatment at Perma-Fix Northwest before they will meet the acceptance criteria for disposal onsite at the Environmental Restoration Disposal Facility.

RL-0013 Solid Waste Stabilization & Disposition

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

ACTIVITY

Ship 1,800 m³ of MLLW/LLW for treatment and disposal

SOLID WASTE STABILIZATION & DISPOSITION

Total Completed with Recovery Act funds

- 1,122 m3 shipped
 - o 996 m³ treated and disposed
 - o 126 m³ at offsite treatment facilities awaiting processing. Treatment is scheduled for FY11

One shipment was made from the Central Waste Complex (CWC) to PFNW on Jan. 24. The shipment included one box of MLLW debris (11.6 m³) being sent to PFNW for macroencapsulation. Treated residues from the shipment will be returned to Hanford for disposal in the Mixed Waste Disposal Units at the Low-Level Burial Grounds.



Rev. 0

One LLW shipment of 16 drums (3.3 m³) was made from PFNW suspect TRU repackaging activities to PFNW LLW treatment facility for volume reduction and radiological stabilization on Jan. 28. The repackaged drums were assayed at PFNW and determined to be non-TRU and dropped out from the TRU Project as LLW debris. The treated LLW will be prepared for disposal in the Hanford Mixed Waste Disposal Units.



A "top hat" cover box (left) is lifted for placement over a box of mixed low-level waste debris (right). The top hat was secured in place and the box was shipped from the Central Waste Complex to Perma-Fix Northwest for macroencapsulation. The treated residue will be returned for disposal in Hanford's Mixed Waste Disposal Units.





RL-0013C:R1.2: Transuranic Waste

ACTIVITY

Retrieve 2,500 m³ of suspect TRU waste

Retrieve 50 m³ of suspect remote-handled TRU waste

SOLID WASTE STABILIZATION & DISPOSITION Total Completed with Recovery Act funding

- 179 m³ are staged, pending shipment
- 843 m³ shipped to a treatment, storage, or disposal facility
- 43 m³ are staged, pending shipment.
- 1 m³ shipped to a treatment, storage, or disposal facility

In the 4B burial ground, three containers (7.6 m³) were removed from Trench 11. In Trench 17 of the 12B burial ground, workers excavated and then used potholing techniques to locate six drums. In 12B Trench 27, workers excavated to a depth of three feet.



A large metal waste box containing waste generated at the Plutonium Finishing Plant is removed by crane from Trench 11 of the 4B burial ground, as an excavator in the background prepares to uncover additional waste containers.



Rev. 0

TRU Repackaging & Shipments

ACTIVITY

Repackage 850 m³ of WIPP certifiable TRU waste Disposition 2,000 m³ of contacted-handled TRU waste

SOLID WASTE STABILIZATION & DISPOSITION Total Completed with Recovery Act funding

- 653 m³ have been repackaged
- 929 m³ have been disposed

Repack Glovebox Line Resumes at the WRAP Facility

Repacking operations resumed last week at the Waste Receiving and Processing (WRAP) facility. At the WRAP facility, workers repackage TRU waste retrieved from Hanford Site burial grounds and storage areas. Repackaging operations at WRAP were paused in February 2010 to place emphasis on the TRU waste characterization and shipping activities.

Thanks to Recovery Act funding, a multidiscipline team was hired and trained at the WRAP facility for operational activities including repackaging TRU waste. The workers treat or remove prohibited items and repackage the remaining waste into compliant configurations for shipment and disposal. The design of the WRAP glovebox allows for more difficult waste items to be repackaged, such as heavy objects, liquids, and higher dose rate items.

Significant training took place to educate and integrate Recovery Act new hires into the safety culture and activities involved in the glovebox work. To date, the operational activities and training has included completion of maintenance, respiratory protection training, procedure validations, and implementation of the Beryllium Program. At the present time, there are approximately 1,700 drums that are candidates for repackaging at the WRAP facility.





Photo 5

A worker trains for repackaging transuranic waste in a glovebox in the Waste Receiving and Processing facility.





Photo 6

Workers remediate prohibited items in a glovebox in the Waste Receiving and Processing facility. Prohibited items, such as aerosol cans, must be removed and the remaining transuranic waste is repackaged into compliant configurations for shipment and disposal.

Completion of the Idaho Shipment Campaign

Last week, the WRAP facility in conjunction with the Hanford Central Characterization Project (CCP) completed a campaign of planned shipments of TRU waste to the Advanced Mixed Waste Treatment Project (AMWTP) located at the Idaho National Engineering Lab Site. The AMWTP is certified by the Environmental Protection Agency (EPA) and the State of New Mexico to compact TRU waste for shipment and disposal at WIPP in Carlsbad, New Mexico.

The Idaho Campaign began in June of 2010 and included 77 inter-site TRUPACT-II shipments, which represents approximately 192 m³ of contact-handled TRU waste. The shipments were made up of drums that had been characterized prior to September 2009. The inter-site shipments from Hanford to Idaho gave DOE's National TRU Program the opportunity to utilize the TRUPACT-II shipping fleet during the annual eight week maintenance outage at the WIPP Site during which time the site does not accept waste for disposal.

With the Idaho campaign complete, CHPRC is preparing to resume shipments to WIPP. The CCP at Hanford was recently certified by EPA and the State of New Mexico for characterizing, shipping, and disposing of TRU waste at WIPP. Beginning in early February 2011, CHPRC will work in conjunction with the CCP to recommence shipping.



Rev. 0

All TRU waste shipments are part of CHPRC's Recovery Act-funded effort to remove and dispose of TRU waste from the Hanford Site. Since TRUPACT-II shipments resumed in March 2010, CHPRC has shipped 608 m³ of waste completed in 77 shipments to Idaho and 60 to WIPP shipments for a total of 137 TRUPACT-II shipments.

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

RL-0030.R1: Central Plateau Soil & Groundwater

ACTIVITY

Decommission 280 old wells and boreholes that are no longer of service

Install 265 wells and/or boreholes along the river and in the Central Plateau

WELL DRILLING & DECOMMISSIONING

Week of Jan. 28, 2011	Complete to Date with Recovery Act funds	
4 wells completed 8 wells in progress	302	
Planning in progress	188	



A drilling rig in operation in the 100-HR-3 operable unit, where CHPRC is using Recovery Act funds to install wells that will support a remedial investigation and feasibility study of the area.



200 West Groundwater Treatment Facility

The project poured approximately 444 cubic yards of concrete, bringing the project-to-date total to approximately 8,694 cubic yards placed or almost 98 percent complete.

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

- Process buildings
 - o Radiological Building: Installation of the overhead pipe supports began.
 - o Bio Process Building: Sanitary water line testing is ongoing. Wall insulation and sheeting as well as installation of the fire protection wet and dry systems continued.
 - o Bio Pad: Installation of structural steel, pipe supports, and equipment pad continued.
- Transfer buildings
 - Extraction Transfer Building #1: Process piping rough-in continued with completion anticipated for end of the week. Rough-in electrical also continued.
 - o Extraction Transfer Building #2: Process piping rough-in overhead was initiated.
 - o Injection Transfer Building #1: Process piping rough-in was initiated.
 - o Injection Transfer Building #2: Roof and wall insulation and sheeting continued.
- Lime Building (Sludge Stabilization System): Structural steel and concrete detailing are under way and the Notice to Proceed was issued for structural steel procurement.

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

- 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

TOTAL: 100,257 square feet

PLANNED FOR D&D/IN PROGRESS

- 284E Power House & Steam Plant
- 209E Critical Mass Laboratory
- 284W Power House & Steam Plant
- 2701-W Coal Handlers Shed*
- 2902-W Water Storage Tank*

*Not part of the Key Performance Parameter

U Canyon

Construction of the onsite batch plant and development of grouting work packages continued. Inside the canyon, preparations are under way for final hazardous material removal and interior core drilling for grout conveyance.





Photo 8

A grout batch plant is being constructed to supply grout to fill cells and void spaces in the U Plant canyon.

U Plant Ancillary Facilities

Final surveys, site contouring, and decontamination and demobilization of demolition equipment at the U Ancillary site are complete. Closure documentation is being prepared.

200 East Core Industrial Area

Workers continued to demobilize from the 284-E Power House site after completing asbestos abatement and cleanup activities. Demolition preparations for the building's exhaust chimneys and baghouses are ongoing.

200 West Area Industrial Facilities

At the 284-W Power House, asbestos abatement and removal of exterior steam lines continued. CHPRC subcontractor Clauss Construction and Controlled Demolition, Inc. continued preparing the building's exhaust chimneys and baghouses for the explosive demolition planned for mid-February. Exterior ductwork was removed from the baghouses, separation of the stacks from the Power House was completed, and weakening of the stacks began.





CHPRC is removing exterior ductwork from the two baghouses associated with the 284-W Power House. The baghouses, added onto the Power House in the 1980s for collection and disposal of coal ash and debris, will be lowered with explosives along with the building's two exhaust chimneys in mid-February.

hoto 9



Workers discuss plans for demolishing an exhaust chimney associated with the 284-W Power House. Sections of concrete have been removed from the chimney's base to weaken the structure in preparation for the upcoming explosive demolition.

Photo 10

209-E Criticality Mass Laboratory

Work on removal of the HO-170 glovebox continued this week, with three standard waste boxes filled and NDA performed. Tank 109 was verified as dry, completing all tank verifications; characterization of residual dose rates inside the tanks will begin. The HO-200 glovebox is ready to be cut, or size reduced, when final changes to the Beryllium Work Permit are complete.



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

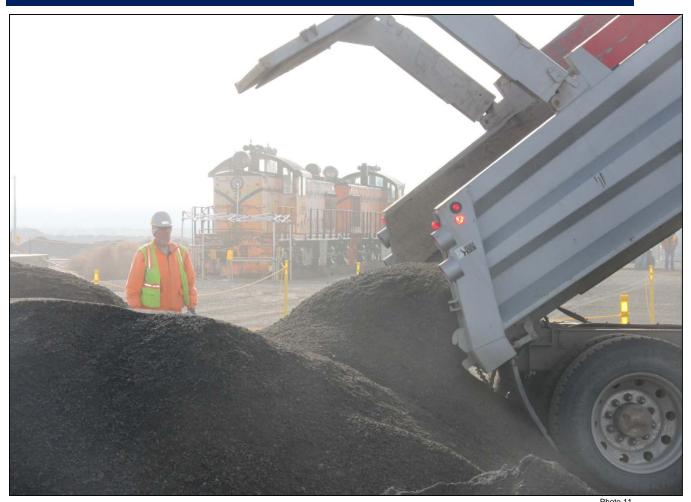
North Slope Debris Removal

Personnel with CHPRC subcontractor Sealaska Environmental Services continued debris cleanup in Areas 10, 13, 14, 16, and 18 of the North Slope.

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

With visual inspections of all 11 cask cars completed and the Scope of Work for the lift-and-haul contract released for bidding, gravel was delivered to an on-site staging area for the cars' removal.





Gravel is delivered to the site of the contaminated railcars in the 200 North Area. The gravel will be used to create a safe area for the heavy equipment that will lift the cars for transport.

Waste Sites

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

WASTE SITE IN PROGRESS	TONS OF CONTAMINATED SOIL REMOVED		
WASTE SITE IN PROGRESS	Week Ending Jan. 28, 2011	Total to Date with Recovery Act funds	
600-286/287-PL	-	14,895	
200-W-147-PL	-	6,450	
BC Control Area	4,600	315,000	

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

- 200-MG-1
 - o 600-40: Additional direct push testing is anticipated to occur in February.
 - o 600-220: Retrieve, treat, and disposal (RTD) activities are required.
 - o 600-222: The Remedial Action Report was approved by DOE-Richland Operations and is being reviewed by the Regulators.
 - o 216-S-19: Analysis of laboratory results of surface sampling revealed some elevated



- levels of contamination above the remedial action levels. Removal of the elevated areas is anticipated next week.
- o 216-S-26: Site walk-downs were conducted and a kick-off meeting was held with the vendor.
- 600-281: Confirmatory Sampling No Further Action sampling was performed and RTD will be required.
- o 200-W-147-PL: Excavation is complete. Preparations for initial verification sampling are in process.

• 200-CW-3

- o 216-N-4: Stockpiling of clean backfill at the site is substantially complete. Backfilling and contouring is in progress.
- o 216-N-6: Stockpiling of clean backfill at the site is substantially complete.
- o 600-286-PL: Remediation is complete. Analytical results indicated the RTD is complete. The site has been down-posted and backfill is under way.
- o 600-287-PL: Remediation is complete. Analytical results indicate the RTD is complete. The site has been down-posted.

BC Control Area

- o For Zone A, approximately 127 acres have been excavated and surveyed.
- o For Zone B, radiological down-posting surveys 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
- 183.1KW Headhouse
- 183.3KW Filter Basin
- 183.7 KW Pipe Tunnel
- 110KE Gas Storage Facility
- 116KE Reactor Exhaust Stack
- 118KE Horizontal Control Rod Storage
- MO048 Construction Lunch Trailer
- MO969 Ops/HPT Change Trailer

TOTAL: 485,643 square feet

PLANNED FOR D&D/IN PROGRESS

- 183.4KW Clearwell
- 190KW Main Pump House
- 183.4KE Clearwell
- 115KE Gas Recirculation (subgrade structures)
- 117KE Exhaust Air Filter (subgrade structures)
- 190KE Main Pump House
- 1605KE Guard House
- 181KE River Pump House

Facility D&D

At the 181-KE River Pump House structure, CHPRC subcontractor Federal Engineers and Constructors completed construction of an access road to the demolition site in accordance with boundaries set by Pacific Northwest National Laboratory archaeologists. Building of containments began for asbestos abatement of the Pump House's exterior piping. At the 105-KE Reactor building, demolition and load-out of the administrative area continued.





CHPRC and subcontractor Federal Engineers and Constructors completed construction of an access road to the 181-KE River Pump House site in accordance with archaeological site boundaries.





CHPRC is building containment structures and preparing to begin asbestos abatement at the 181-KE River Pump House.





At the 105-KE Reactor building, demolition and load-out of the administrative area continues.

Infrastructure Utilities Upgrade Project

The second of two grounding wells for the new A9 substation was completed to its total depth of 190 feet. For the new water system, a final modification to the water storage tank was completed. Work is ongoing in the water treatment facility to complete installation of the fire walls, the fire alarm system, communications and data infrastructure, electrical upgrades, and mechanical punch list items.





Photo 15
Drilling of the second of two grounding wells was completed last week. The grounding wells will support the A9
substation, which was constructed with Recovery Act funds to provide electricity to the 100K Area and allow existing
infrastructure to be removed to facilitate future demolition and remediation work.

Waste Sites

CHPRC continued excavating soils from the 100-K-42 waste site associated with the 105-KE Reactor Discharge Chute, for a total of 1,096 tons removed last week for a total of more than 19,500 tons removed to date. Planning for the remediation of the 100-K-57 waste site continued.

UPCOMING EVENTS

RL-0011 Nuclear Materials Stabilization & Disposition

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

- Remove the last glovebox from the 2736-ZB building; initiate final demo-ready actions.
- Complete equipment removal from the last two gloveboxes in the Analytical Laboratory.
- Complete D&D and remove gloveboxes 2, 3, 4, 6, and 9 from room 179 of the Plutonium Process Development Laboratory.
- Initiate D&D of gloveboxes HA-7A and HC-15C.



- Complete Surface Contaminated Object surveys and finalize the criteria for dispositioning glovebox HA-46 in place in the RMA Line.
- Separate glovebox 200 from 100C and finalize the criteria for dispositioning in place the three remaining Radioactive Acid Digestion Test Unit gloveboxes.
- Complete decontamination of HA-19B1 and B2 with Aspigel® and determine its effectiveness as an alternate decontamination process.
- Complete decontamination and remove conveyor gloveboxes HC-3 and HC-4 in the RMC Line.
- Complete size reduction and packaging of gloveboxes 139-3 and -4.

RL-0013 Solid Waste Stabilization & Disposition

RL-0013C:R1.1: MLLW Treatment

• No planned shipments.

RL-0013C:R1.2: TRU Waste

- TRU Retrieval
 - o 3A burial ground
 - Complete mitigation of contamination at Trench 17 and shrink high contamination area boundaries.
 - Remove Trench 17 Box 27 temporary cover and fog under tarps; begin repairs and excavation around the box.
 - Excavate Trench 17 Box 15 and determine and implement needed stabilization actions.
 - Complete excavation, removal, and portable assay of Trench 17 Boxes 21, 17, and 14.
 - Ship Trench 8 Box 33 (49.1 m3) to CWC.
 - o 4B/4C burial ground
 - Excavate both ends of Trench 11 and remove three remote-handled and three contact-handled containers; overpack the remote-handled containers into concrete-shielded overpack containers and prepare to ship to CWC.
 - Complete preventative maintenance work packages and approve procedure SW-100-154 to operate the mobile Drum Venting System.
 - Complete the Critical Lift Plan and approved work package (WP 2X-10-7622) to remove concrete box 105 from Trench 11.
 - o 12B burial ground
 - Begin removing waste drums from Trench 17.
 - Perform assay of waste drums to classify containers as TRU or LLW.
 - Prepare LLW containers for shipment to PFNW.
 - Continue setup of dispatch station next to MO-247.
- TRU Repackaging and Shipments
 - o Resume shipments to WIPP in conjunction with Hanford TRU program and CCP.
- Suspect TRU Waste Shipments
 - o No planned shipments.

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

RL-0030.R1: Central Plateau Soil & Groundwater

- Continue construction of the 200 West Groundwater Treatment Facility.
- Workshop scheduled to initiate project kick-off for structural steel for the Lime Building.
- Continue well drilling and decommissioning.



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

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

- Continue preparations for the February explosive demolition of the 284-W Power House exhaust chimneys, baghouses and the 2902-W Water Storage facility.
- Begin demolition preparations on the 284-E Power House and ancillary structures.
- Size reduce and load-out gloveboxes HO-170 and HO-200 from 209-E Mass Criticality Laboratory.
- Begin characterization of residual dose rates inside tanks.

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

- Continue debris removal at the North Slope.
- Continue preparations for disposition of 15 contaminated railcars.
- Continue backfilling the 216-N-4 and 216-N-6 waste sites.
- Continue remediation of BC Control Area and 200-MG-1 and 200-CW-3 waste sites.

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

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

- Tie-in of the second A9 substation grounding well to the substation grid.
- Continue excavating soil from 100K Area waste sites.

