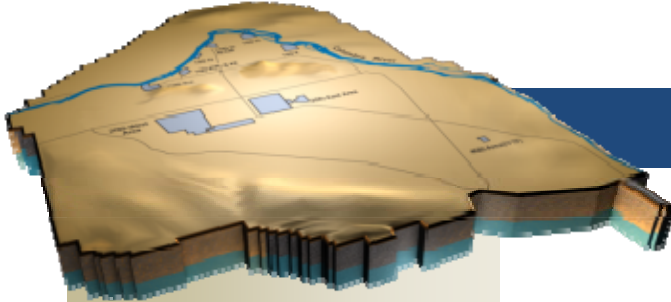


ARRA Weekly Report



Week Ending May 14, 2010

May 18, 2010
Contract DE-AC06-08RL14788
Modification M047
CHPRC1005-07

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OVERVIEW

CH2M HILL Plateau Remediation Company (CHPRC) is using funds from the American Recovery and Reinvestment Act (Recovery Act) to accelerate cleanup and demolition efforts across the Central Plateau and along the river corridor to help pursue the U.S. Department of Energy (DOE) 2015 vision and shrink the Hanford Site cleanup footprint.

RL-0011 Nuclear Materials Stabilization & Disposition

CHPRC is accelerating critical decontamination and decommissioning (D&D) work to prepare the Plutonium Finishing Plant (PFP) for demolition three years ahead of the Tri-Party Agreement milestone of September 2016. The work scope includes removing over 180 glove boxes/laboratory hoods and other highly contaminated equipment from the 234-5Z, 242-Z, and 2736-ZB buildings as well as preparing the former special nuclear material storage structures and other ancillary buildings for demolition.

RL-0013 Solid Waste Stabilization & Disposition

Recovery Act funds are allowing CHPRC to accelerate retrieval of 2,500 m³ of suspect transuranic (TRU) waste, eliminate 1,800 m³ of mixed low-level and low-level waste (MLLW and LLW), and accelerate the overall cleanup of legacy waste and fuels on the Hanford Site.

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

In the ongoing effort to protect the Columbia River, CHPRC is using Recovery Act funding to construct two groundwater treatment facilities, install over 300 wells that will be used for monitoring, extracting, and remediating groundwater, and decommission 350 wells that are no longer of service.

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

Across the Central Plateau and along the outer zone of the Hanford Site, CHPRC is accelerating the demolition of facilities to reduce mortgage costs on buildings that are no longer of service and complete the remediation of waste sites.

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

In the 100K Area along the Columbia River, CHPRC is demolishing 12 buildings and remediating waste sites to clear the area and prepare for the disposition of two reactors, K East and K West.

ACCOMPLISHMENTS

RL-0011 Nuclear Materials Stabilization & Disposition

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

To date, 63 glove boxes and laboratory hoods have been removed from their originally installed locations at PFP with Recovery Act funds. Of these, 47 have been shipped out of PFP for treatment or disposal, 11 are awaiting packaging/shipment, and five are staged for future size reduction and disposal as TRU waste. CHPRC has shipped more than 1,115 cubic meters of waste from PFP with support from Recovery Act funds, including approximately 960 cubic meters of MLLW and LLW, 135 cubic meters of TRU waste, and 22 cubic meters of non-radioactive waste. Seventeen small fuel vaults and other ancillary structures have also been readied for demolition, and two of these have been removed from PFP for reuse elsewhere with support from Recovery Act funds.

Laboratory & Process Areas

Three interconnected glove boxes were removed as a single unit from room 136 of the Analytical Laboratory through a previously enlarged doorway and transferred to Solid Waste Operations. The glove boxes will require one to two weeks of non-destructive assay (NDA) measurements to confirm they meet the criteria for shipment to the Environmental Restoration Disposal Facility (ERDF) for disposal as LLW. Also in the Analytical Laboratory, crews continued isolating and removing equipment from glove box 6 in room 139 and completed a workability walk-down for removal of two hoods from room 141.

The crew in the Plutonium Process Support Laboratory initiated work on two glove boxes in room 180, deactivating and removing electrical equipment. Work also began on a large glove box in room 188, where draining and removal of external utility lines is now in progress.

In the RMA Line, size reduction and removal of the 70-foot conveyor structure in glove box HA-28 is complete as is size reduction and removal of internal process equipment. Work shifted back to isolating external mechanical lines to this glove box now that chemical exposure controls following the March nitric acid spill in room 227 have been incorporated in the work documents.

In the RMC Line, one team is modifying their work package to incorporate lessons learned from the nitric acid occurrence prior to resuming work on cleanout of glove box HC-227-S. Another team focused on future work planning while a doorway is being enlarged for the removal of large glove box HC-60, which is now 50 percent complete.

In the Radioactive Digestion Test Unit area, the team completed activation of glove ports on glove box 200 and supported the field NDA of the exhaust duct for glove boxes 200 and 400 as well as the process line from glove box 200 to glove box 300.



Photo 1

Glove boxes 136-1, -2, and -3 were removed as a single unit from the Analytical Laboratory for non-destructive assay to confirm whether the glove box can be disposed of as low-level waste, which reduces worker hazards and costs in comparison with disposing of the equipment as transuranic waste.

2736-Z/ZB Vault Complex

Glove bags and sleeving were installed and work began to isolate glove box 636 from building ventilation. Fabrication was completed on a new glove box panel with a large load-out port to support removal of large and heavy equipment from glove boxes in room 642.

242-Z Americium Recovery Facility

Following removal of the remaining combustible materials, the 242-Z team has completed all planned work for this fiscal year in the tank room. The room was secured and the containment tent removed from the corridor outside. Near-term activities will be focused on additional entries into the control room to apply contamination fixative and reduce the level of airborne radioactivity. Once this is complete, the crew will begin electrical and mechanical isolation of the room from outside energy sources.



Photo 2

Workers begin the final entry to the 242-Z tank room through the containment tent. With the removal of all the remaining combustible materials complete, the 242-Z team has completed all planned work for this fiscal year in the tank room. The room has been secured and the containment tent removed from the corridor outside.

Infrastructure, process support systems, and equipment removal

The work document for initiating D&D of 5,000 feet of heavily contaminated process vacuum system piping running throughout the 234-5Z and 291-Z facilities was evaluated by the Hazard Review Board (HRB) on May 12. Several improvements to the work instructions, radiological work permit, and other related documents were identified, none of them major. At the week's end, most of the changes were completed. Sheet metal boxes for safely transporting materials from the work areas on the upper floors of the 234-5Z building, the portable size reduction box, and other supplies are staged near the work area.

Three 300-ton chillers for the supplemental cooling system were set in place just outside the 234-5Z building. Main piping installation is approximately 90 percent complete, and branch piping inside the building is 15 percent complete. Demolition and removal of old air handling units is in progress, along with the installation of new cooling coils.

NDA crews continued in-situ measurements on a variety of process systems, with approximately 80 feet of a process transfer line measured last week. Field NDA of that line is about 85 percent complete, and NDA of the 1,150 feet of transfer lines is about 35 percent complete.

Measurements of drain line trenches in room 172 were completed in preparation for grouting to support conversion of the room into a size-reduction area. Equipment removal was initiated from the room, including the disposition of several calorimeters and a segmented gamma scanning system.

Two waste shipments were made this week from PFP: one roll-off container containing seven cubic meters of LLW was sent to ERDF and 22 drums of TRU waste resulting from decontamination of glove boxes/hoods were sent to the Waste Receiving and Processing Facility (WRAP). A waste profile was also completed and approved to transport an IP-2 container of five glove boxes/hoods from the process and laboratory areas to ERDF for on-site disposal as LLW.

PFP insulators removed about 70 additional feet of asbestos insulation in the 234-5Z building last week, bringing the total removed from PFP with Recovery Act funds to about 9,370 feet.



Photo 3

A shipment consisting of 22 drums of transuranic waste resulting from the decontamination of glove boxes and laboratory hoods is being loaded for shipment to the Waste Receiving and Processing Facility.



Photo 4

Workers perform non-destructive assay of piping in facilities at the Plutonium Finishing Plant. The tools shown here allow workers to assay piping in high-reach locations.

RL-0013 Solid Waste Stabilization & Disposition

RL-0013C:R1.1: MLLW Treatment

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

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

Three shipments were sent out on May 11: One shipment containing one box (6.4 m³) of MLLW debris was sent to Perma-Fix Northwest (PFNW) to be non-thermally treated through macro-encapsulation and two shipments were sent to Energy Solutions in Clive, Utah (ES-Clive). The two shipments to ES-Clive contained, respectively, one box (14.7 m³) of MLLW non-debris that will be thermally treated through the vacuum thermal desorption process to thermally destroy the organics and one box (2.7 m³) of MLLW debris that will be non-thermally treated through macro-encapsulation.

On May 12, a shipment with four high-integrity containers (0.8 m³) of legacy LLW was sent for direct disposal at Hanford's Mixed Waste Disposal Units. Another shipment was sent on May 13 containing 12 drums (2.3 m³) of LLW debris and will be volume reduced, stabilized, and packaged for disposal at PFNW and will be disposed at Hanford's Mixed Waste Disposal Units.

All shipments made last week were sent from the Central Waste Complex (CWC).



Photo 5

A shipment of mixed low-level waste non-debris is loaded onto a truck to be sent to Energy Solutions in Clive, Utah (ES-Clive). Once the waste arrives, it will be thermally treated through the vacuum thermal desorption process to thermally destroy the organics in the waste. The treated waste will remain at ES-Clive for disposal.



Photo 6

A box containing 6.4 cubic meters of mixed low-level waste debris is loaded into a Department of Transportation-compliant box to be sent to Perma-Fix Northwest where it will be treated through macro-encapsulation.

RL-0013C:R1.2: TRU Waste

TRU Retrieval

The Waste Retrieval Group supported the waste retrieval operational drill, continued start-up for the Mobile Radioactive Decontamination Unit, and completed the removal of the tent structure and ecology blocks in the 4C Process Area. The HRB meeting was completed successfully for the integration of procedures, work packages, and training for the restart of retrieval in burial ground 3A Trench 17.

Other activities in burial ground 3A included a ground penetrating radar (GPR) survey and management review of a draft of the start-up schedule for waste retrieval in Trench 8. Three “cool zone” fans were received in preparation for work activities in high heat conditions. The burial ground was graded and rolled in preparation for moving waste in Trench 17. Waste Retrieval personnel supported the Industrial Hygiene mock-up in the Simulation Test Site for resuming activities in Trench 17 and they supported the HEPA vacuum and cyclone separator walk-down with a planner to add this to the scope for Trench 17 Boxes 80 and 82. Construction workers prepared the site, received, and anchored the new 3A change room trailer (MO-2163).

In burial ground 4B Trench 11, work continued for moving the boundaries inward to survey and place

SUMMA canisters. A full dress mock-up with a self-contained breathing apparatus was performed. The procurement of materials for this activity continued and SUMMA canisters were received for the upcoming entry into the trench. Planning for the Phase II Recovery Plan and resumption of removal activities in 4B Trench 11 continued.

Alpha Caisson Retrieval Project

Preparation for the Baseline Change Request continued. The 30 percent of the design on the Waste Retrieval System was reviewed on May 5. The ARES Corporation's upgraded acquisition plan was received and reviewed. A project shut-down plan was developed and implemented. The preliminary Conceptual Safety Design Report is being routed for approval and release to DOE.

TRU Project Drum Repackaging

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

- 1,352 drums (281.3 m³) have been repackaged.
- 37 TRUPACT-II shipments [1,259 55-gallon drums, 24 standard waste boxes (SWBs), two ten-drum over-packs and 31 drums over-packed into eight SWBs (317.5 m³)] have been shipped.



Photo 7

A CHPRC process crane operator and a Central Characterization Program mobile load-out crew member install TRUPACT-II shipping cask lids in preparation for transporting the transuranic waste to the Waste Isolation Pilot Plant.



Photo 8

Shippers review paperwork and prepare a TRUPACT-II transport vehicle for departure from the Waste Receiving and Processing Facility to the Waste Isolation Pilot Plant.

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

RL-0030.R1: Central Plateau Soil & Groundwater

Well Drilling & Decommissioning

Planning activities are in progress for installing wells in the 100-KR-4, 100-HR-3, 100-BC-5, and 300-FF-5 operable units. Additional progress in well drilling and decommissioning is provided below.

Operable Unit	Scope (Wells to be drilled with Recovery Act funding)	In progress	Drilled to Total Depth ¹	Completed or Developed ²
100-NR-2	Expand the apatite barrier to better contain a strontium-90 plume along the Columbia River (171 wells)	171	171	99
100-HR-3	H Area: Support the optimization of removal of chromium (25 wells)	17	14	12
100-HR-3	D Area: Support the optimization of removal of chromium (16 wells)	14	14	14
M-24	Support characterization of the aquifer (5 wells)	2	2	2
200-ZP-1	Support the 200 West Groundwater Treatment Facility that will primarily treat carbon tetrachloride contamination in the groundwater (17 wells)	12	10	6
Site-wide	Decommission wells that are no longer of service ³ (350 wells)			88

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 such as sand or clay), the casing is removed, and a cap or marker is installed to indicate where the well was previously located.



Photo 9

Workers prepare to take a water sample at a well site in the 100-HR-3 operable unit, where CHPRC is in the process of installing wells that will support the DX Groundwater Treatment Facility.

200 West Groundwater Treatment Facility

Skanska USA Building Inc., the contractor for construction of 200 West Groundwater Treatment Facility, is mobilizing onsite to become familiar with the team and procedures. Construction of high-density polyethylene piping (HDPE) road crossings continued; 35 road crossings have been completed to date.

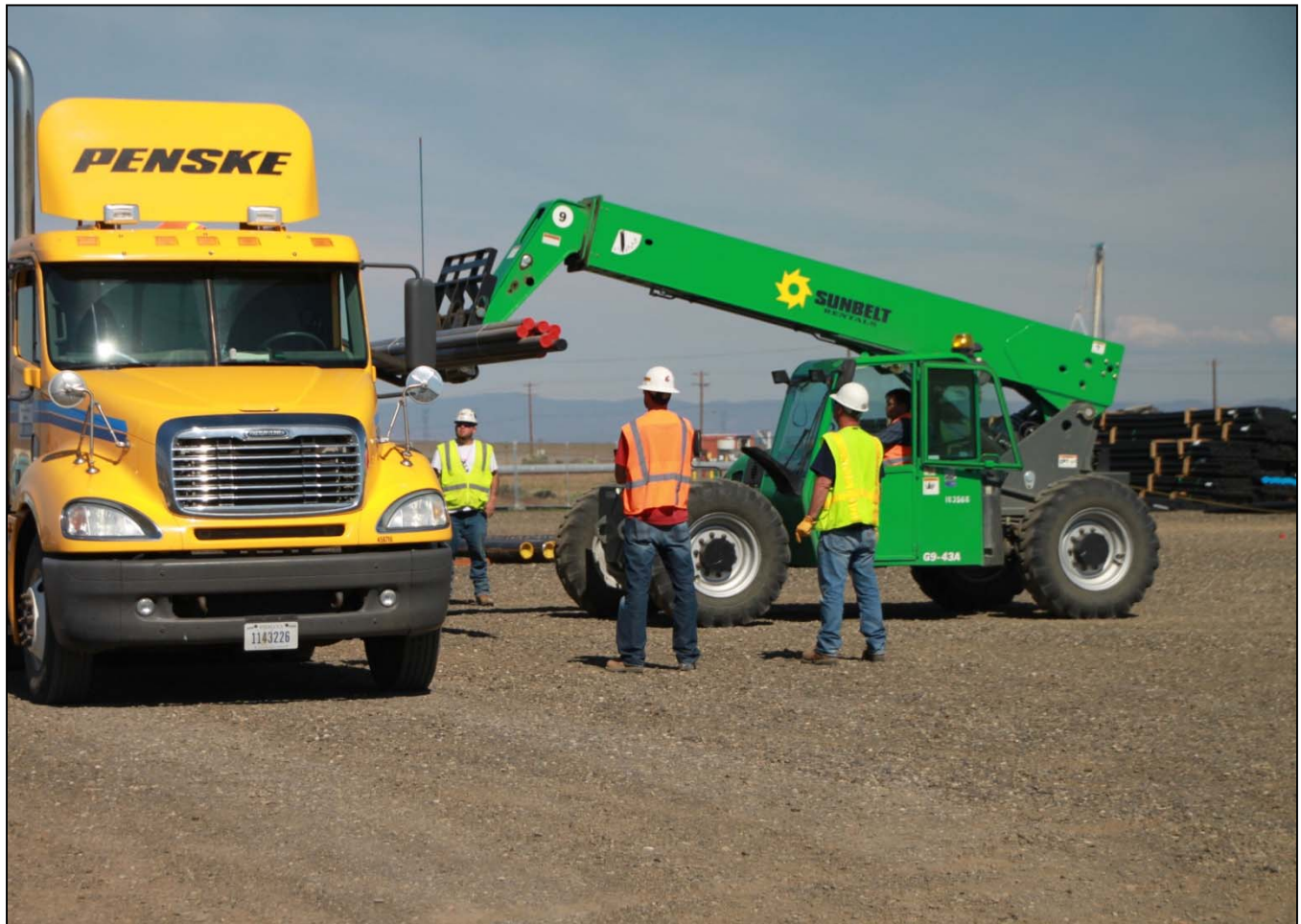


Photo 10

Sections of high-density polyethylene piping are loaded onto a truck at the lay-down yard for the 200 West Groundwater Treatment Facility, which is currently under construction with Recovery Act funding.

DX Groundwater Treatment Facility

Electrical, mechanical, and process equipment is being installed in the process and two transfer buildings comprising the DX Groundwater Treatment Facility. The progress is listed below.

Building	Electrical Equipment (% complete)	Mechanical Equipment (% complete)
Process	70%	70%
Transfer (M1)	95%	100%
Transfer (M2)	70%	80%
Electrical Power Rack Tie-In		30%
HDPE Piping Installation		74%



Photo 11

Treatment tanks are staged inside the process building of the DX Groundwater Treatment Facility. All six of the tank units have arrived on-site and are being prepared for installation.

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

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

U Canyon

Annual mechanical and electrical maintenance continued on the bridge crane. Repairs are being made to the busbar. Rail sweeps and equipment guards are being installed during the crane outage. Efforts continued to address Life Safety Code issues including exit signs, emergency lights, handrails, and egress paths. A statement of work for the grout supply and conveyance was issued. A second statement of work is being issued for procuring a cask to support transfer of the D-10 tank to T Plant.

U Plant Ancillary Facilities

Final cleanup and demobilization of the asbestos equipment is complete. Inspections and application of fixative to the potential high hold-up locations is complete. Setup, equipment movements, and final preparations for demolition are also complete and demolition activities are under way.

200 East Core Industrial Area

Cold and dark activities as well as asbestos abatement on exterior piping continued at the 284-E Powerhouse and will continue for the next few weeks. Construction of the asbestos containment systems

and scaffolding in the Powerhouse is on hold pending completion of cold and dark activities. Demolition of former mobile office MO-104 was completed.



Photo 12



Photo 13

The former site of MO-104 before (photo 12) and after demolition, debris load-out, and cleanup (photo 13). CHPRC is using Recovery Act funding to demolish structures like MO-104 that are no longer of service on the Hanford Site.

209-E Criticality Mass Laboratory

Efforts continued to complete the required documentation (e.g., Facility Hazards Analysis, Documented Safety Analysis, Notice of Construction and Criticality Safety Evaluation Report) for submittal to DOE and the regulatory agencies for approval. Work continued on work document preparation and material procurement to complete the Life Safety Code upgrades to the facility prior to further personnel entry. The statement of work for NDA support was completed and is being reviewed. Work documents also are being prepared for housekeeping and installation of the confinement barriers to support both housekeeping and equipment removal activities.

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

Arid Lands Ecology Reserve (ALE) D&D

Demolition of the upper ALE facilities continued with the demolition of the 6652-D Water Storage Tank, 6652-U Water Storage Tank, and 6652-T Fire Protection Lower Pump House. Cleanup of miscellaneous debris sites throughout the ALE Reserve also continued.



Photo 14

The 6652-T Fire Protection Lower Pump House prior to demolition on the upper Arid Lands Ecology Reserve.



Photo 15

The 6652-T Fire Protection Lower Pump House on the upper Arid Lands Ecology Reserve during demolition. In one week, CHPRC demolished this structure as well as two others, continuing efforts to remove facilities that are no longer of service since military operations on the reserve ceased years ago.



Photo 16

Workers clean up the former site of the 6652-T Fire Protection Lower Pump House on the upper Arid Lands Ecology Reserve. Last week, CHPRC demolished this structure as well as the 6652-D and 6652-U Water Storage Tanks.



The 6652-D Pump House and Water Storage Tank before (photo 17) and after (photo 18) demolition. The pump house was demolished two weeks ago and demolition of the water tank was completed last week.

Photo 17



Photo 18

Waste Sites

Recent progress in remediating the outer zone waste sites includes (listed by operable unit or site):

- 600-37: Sampling activities continued.
- 600-40: Verification samples were taken and the data indicates additional excavation is required.
- 600-226: Sampling activities continued.
- 600-228: Sampling activities continued.
- 600-262: Confirmatory sampling data indicate the contamination levels are below the allowable limits, therefore closure documentation is being prepared.
- 600-275: Mobilization for retrieve, treat, and disposal (RTD) is in process.
- 600-281: Confirmatory sampling was completed and the data report is being prepared.
- OCSA (Old Central Shop Area): Confirmatory sampling instructions were issued and sampling activities were initiated.
- Confirmatory sampling was completed and the data report indicated the waste site requires RTD processes. Planning for RTD continued for the following waste sites:
 - 200-W-33
 - 600-218
 - 600-36
 - 600-38
- *200-CW-3*
 - 216-N-1: Closure documentation is being prepared for DOE and Regulatory approval.
 - 216-N-4: Remediation continued with super dump trucks having delivered approximately 24,700 tons of contaminated soil to ERDF.
- *BC Control Area*
 - Remediation continued with super dump trucks having delivered approximately 109,700 tons of contaminated soil to ERDF. For Zone A, approximately 28 acres have been excavated and surveyed; for Zone B, 850 acres have been surveyed and the hazards were down-posted from a radiologically contaminated area. Surveying in Zone B has been temporarily stopped due to concerns involving migratory birds.

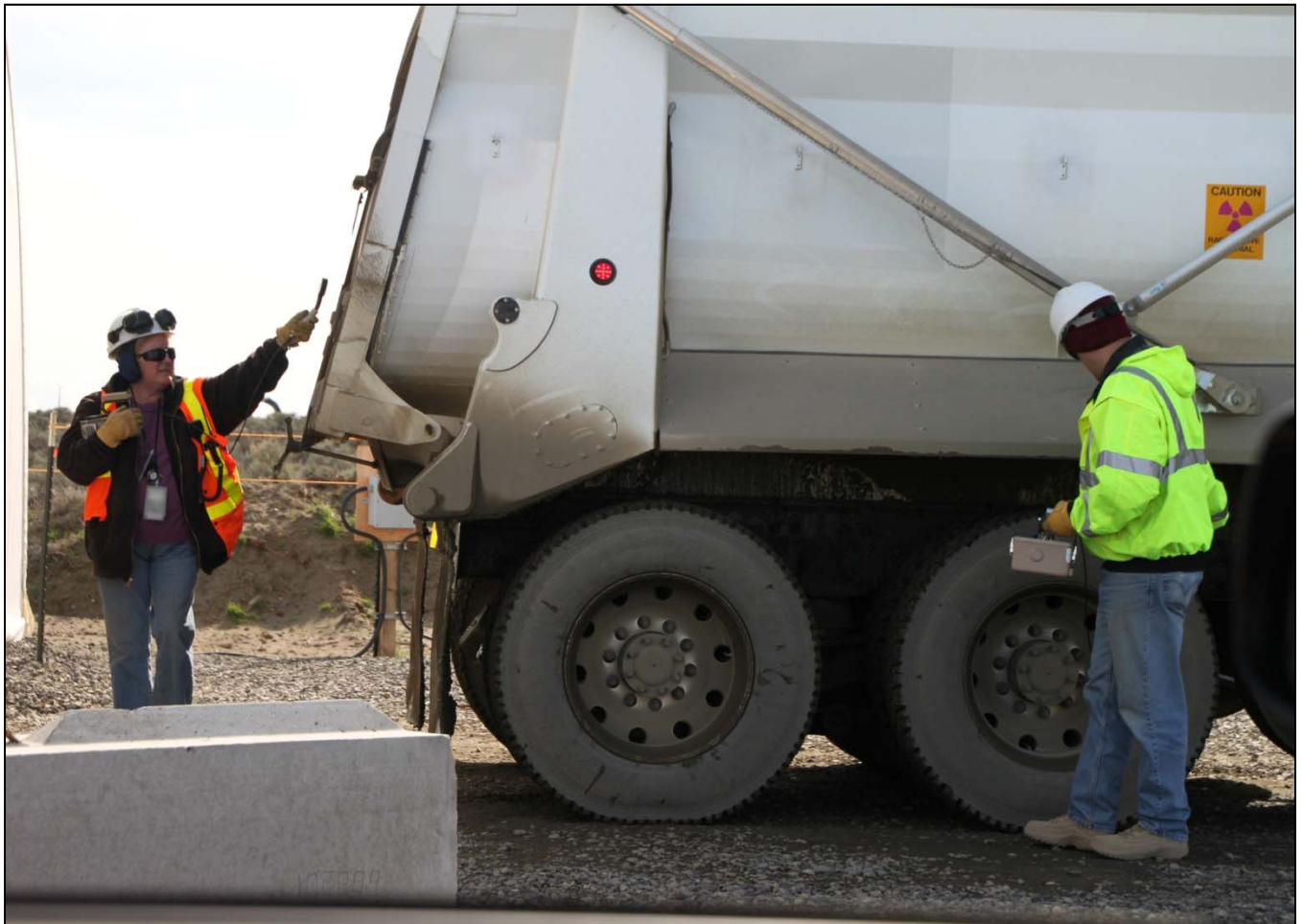


Photo 19

Workers survey a super dump truck before it leaves the BC Control Area. CHPRC has used the super dump trucks – which offer increased capacity and direct-dumping capabilities – to dispose of more than 109,000 tons of contaminated soil removed from the BC Control Area.

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

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

Facility D&D

Nearly all of the 183.2KW Sedimentation Basin floor has been demolished. The rubble is being stockpiled. Demolition of the 183.3KW Filter Basin continued and is about 40 percent complete. Debris from the Filter Basin is being shipped to ERDF for disposal.

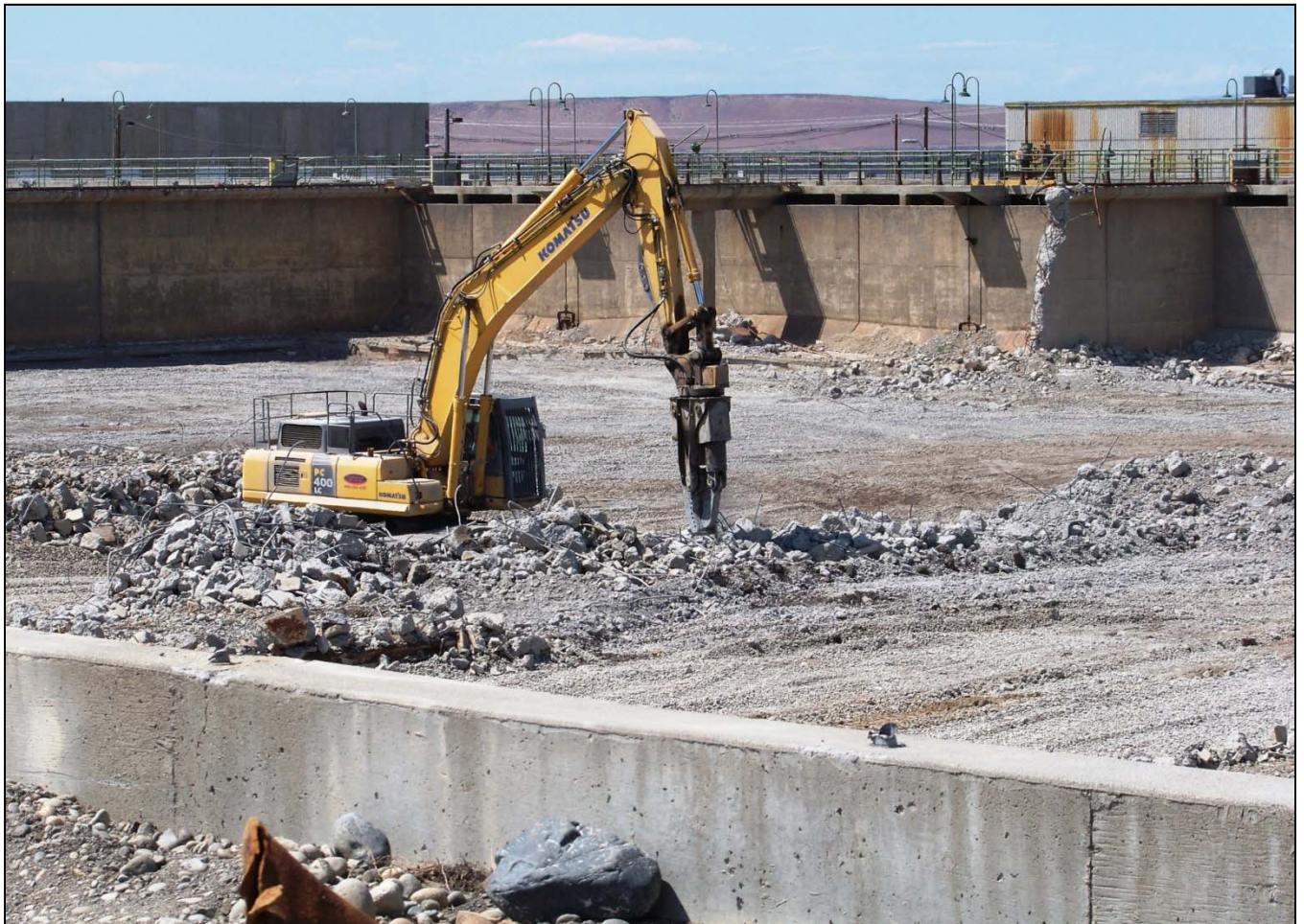


Photo 20

An excavator breaks up rubble from the floor of the 183.2KW Sedimentation Basin. Only a few areas of the floor and the exterior walls are all that remain of the approximately 290,000-square-foot basin.

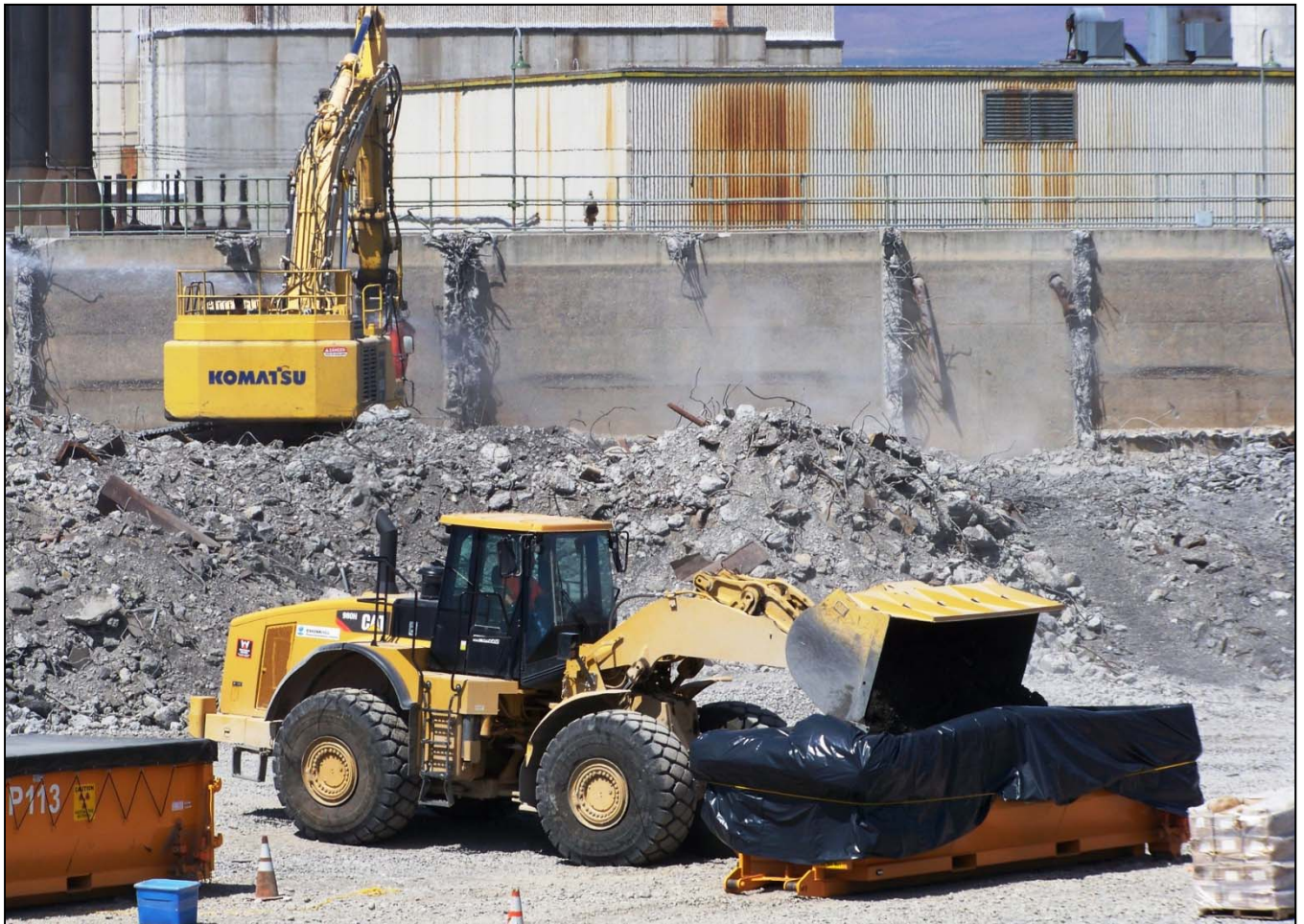


Photo 21

Demolition and debris load-out continues for the 183.3KW Filter Basin. Demolition of the filter basin is continuing in parallel with demolition of the 183.2KW Sedimentation Basin floor.

Approximately 200 feet of interior ducting has been installed in the 105KW Fuel Storage Basin facility as part of the 105KW heating, ventilation, and cooling (HVAC) system upgrade. Scaffolding is being constructed for upcoming ducting installation. The HVAC upgrade is about one third complete.



Photo 22

Duct installation continues as part of the 105KW HVAC system upgrade to improve working conditions in the 105KW Fuel Storage Basin facility. Approximately 200 feet of interior ducting has been installed.

Planning documents received from the contractor for the upcoming explosive demolition of the 116KE Reactor Exhaust Stack are being reviewed. Asbestos abatement continued in the 1706KE and 1706KER substructures in preparation for demolition.

Preliminary design activities and document preparation for disposition of the 105KE Reactor continued. Core boring activities were completed for the first of four locations. Samples are being collected and prepared for shipment for laboratory analysis. A post-job briefing was performed and process improvements were identified. Asbestos abatement preparations and hazardous material removal continued in the 105KE Reactor building as well.

Glycol removal from the 100K Area systems is continuing. The systems once supported operations of the K reactors but are now being drained in preparation for demolition.

Infrastructure Utilities Upgrade Project

Installation of the import water line continued. About 2,700 feet of pipe for the import water line was installed, including three road crossings. About 90 percent of the pipe route was cleared and grubbed. A Hanford Site cultural resources representative monitored as workers excavated 340 feet of trench for the import water line in a culturally sensitive area. No significant discoveries were encountered.

Installation of the fire water pipeline along the southwestern portion of the 100K Area is nearly complete. About 2,900 feet of firewater pipe has been installed. Installation of a 4-inch potable water pipe to the 105KW Building and Cold Vacuum Drying Facility was started.

Contractor bids for the installation of fire water and potable water line for the remainder of the 100K Area have been received and are being evaluated.

The top four feet of soil was removed at the site of the Water Treatment Facility and structural backfill is being placed and compacted. Construction office trailers were set in place. Concrete form construction continued. Off-site fabrication for building, tank, and process piping is ongoing.



Photo 23

A worker compacts soil at the site of the future Water Treatment Facility. The facility will provide potable water for the 100K Area and allow existing facilities to be demolished to reduce restrictions on future demolition and remediation activities.

At the A9 Switchyard Site, 270 cubic feet of controlled density fill material was placed in the trenches and a gravel top course was placed, completing the east side of the A9 Switchyard Site. Upgrading of the A9 Switchyard Site is about two thirds complete.

A design change is being prepared for the 13.8KV re-route to change from an aerial to an underground installation on the West side of 105KW Building.



Controlled density fill is placed in conduit trenches on the east side of the A9 Switchyard Site. Last week, 270 cubic feet of the fill was placed in the trenches.

Waste Sites

Recent progress in remediation of the 100K Area waste sites includes (listed by waste site):

- Closure documentation is being developed 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)

- *100-K-47 (Process Sewer)* – Approximately 10,300 tons of contaminated soil have been removed and delivered to ERDF.
- *100-K-56 (Reactor Cooling Water Pipelines)* – Approximately 8,700 tons of contaminated soil have been removed and delivered to ERDF.
- *100-K-63 (West Floodplain)* – Planning continued for the remediation of the waste site.
- *100-K-68 (Pump Gallery and Catch Tank)* – Approximately 5,800 tons of contaminated soil have been removed and delivered to ERDF.
- *100-K-71 (Collection box)* – Remediation of the waste site continued.
- *100-K-102 (French Drains and Mercury Stained Soil near 183KW Sedimentation Basin)* – Approximately 10,200 tons of contaminated soil have been removed and delivered to ERDF.
- *116-KE-3 (Storage Basin French Drain)* – Approximately 2,900 tons of contaminated soil have been removed and delivered to ERDF.
- *120-KW-1 (183-KW Filter Water Facility Dry Well)* – Approximately 1,000 tons of contaminated soil have been removed and delivered to ERDF.

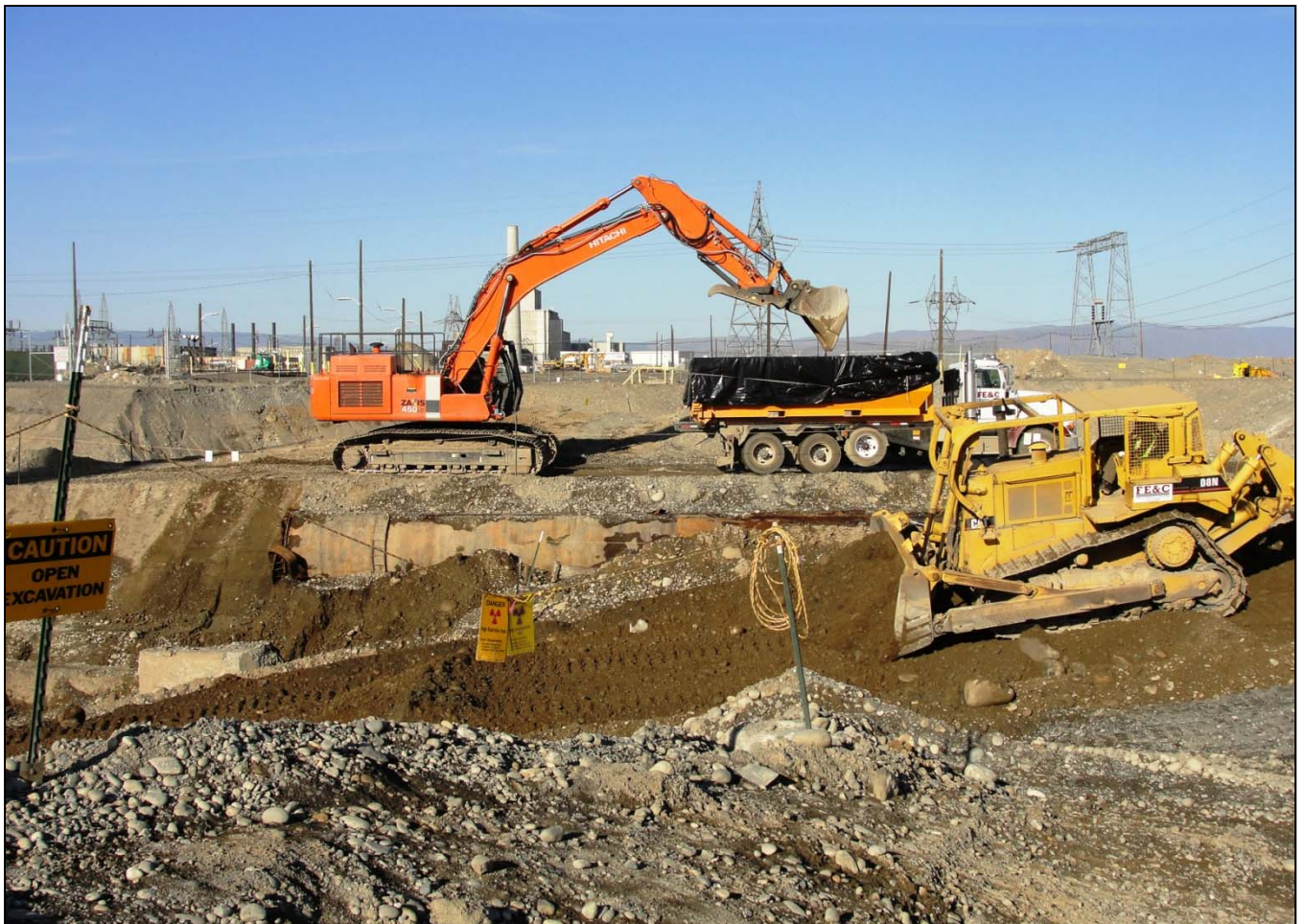


Photo 25

An excavator loads contaminated soil from the 100-K-56 waste site into a container for disposal at the Environmental Restoration Disposal Facility. As of May 17, 8,700 tons of contaminated soil have been removed from the waste site.

UPCOMING EVENTS

RL-0011 Nuclear Materials Stabilization & Disposition

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

- Complete equipment removal from six glove boxes/hoods in room 139 and initiate cleanout of two hoods in room 141.
- Continue isolation and cleanout of three glove boxes/hoods in rooms 180 and 188.
- Enlarge doorway 638 and transfer glove box HC-60 to Solid Waste Operations for NDA.
- Remove various structures around glove box HC-230C-3, apply contamination fixative within the box, remove it from building ventilation, and transfer the glove box to Solid Waste Operations.
- Complete separation of glove box 400 from glove box 200; remove it from building ventilation.
- Complete cleanout and begin chemical decontamination of glove box HA-28.
- Complete process equipment removal from glove box HA-46.
- Restart work on glove boxes 227-S and 227-T.
- Initiate removal of the process vacuum system piping from the 234-5Z and 291-Z buildings.
- Isolate glove box 636 from building ventilation, enlarge the exit doorway, and remove it from the 2376-ZB building.
- Install a new glove box panel and load-out port in room 642 of the 2736-ZB building for removal of larger and heavier equipment.
- Complete updated NDA measurements of the 2736-ZB ventilation ducting and filter housings to support implementation of the D&D Documented Safety Analysis.
- Begin applying contamination fixative in the 242-Z Americium Recovery Facility control room.

RL-0013 Solid Waste Stabilization & Disposition

RL-0013C:R1.1: MLLW Treatment

- Planned shipment of one box (6.4 m³) of MLLW debris sent from the Waste Retrieval Project to 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
 - Continue GPR survey of 3A Trench 8.
 - Continue portable containment assembly activities.
 - Initiate or resume removal of 3A Trench 17 Box 3 activities.
 - Prepare for the HRB on the work package for repackaging 3A Trench 17 Box 82.
- Alpha Caisson Retrieval
 - Issue preliminary design review on the Waste Processing System by May 19.
 - Award contract for remote retrieval system mock-up demonstration/validation on May 31.
 - Complete Acquisition Plans by June 15.
- TRU Repack
 - Three planned TRUPACT-II shipments to the Waste Isolation Pilot Plant.

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

RL-0030.R1: Central Plateau Soil & Groundwater

- Continue construction of the 200 West and DX Groundwater Treatment Facilities.

- Continue decommissioning wells across the site.
- Continue drilling at M-24, 100-HR-3, 100-NR-2, and 200-ZP-1.
- Continue planning for well installations at 100-KR-4, 100-HR-3, 100-BC-5, and 300-FF-5.

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

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

- Receive delivery of the remaining D&D heavy equipment being procured.
- Complete demolition preparations for the U Plant ancillary facilities.
- Begin demolition for the U Plant ancillary facilities.
- Continue relocating equipment from the U Canyon deck into the process cells.
- Continue demolition preparations (i.e., cold and dark activities) for the 284-E Powerhouse.
- Continue demolition of the 200 East Core Industrial Area facilities
- Continue planning and preparations for demolition of the 209-E Criticality Mass Laboratory.

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

- Continue removal of debris sites throughout the ALE Reserve.
- Continue demolition of the upper ALE facilities.
- Continue cold and dark isolation activities of the ridgeline communication structures.
- Continue remediation of the BC Control Area, 200-CW-3, and 200-MG-1 waste sites.

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

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

- Continue demolition of the 183KW Sedimentation Basin structures.
- Continue demolition preparation activities for the 115KE, 116KE, 117KE, 1706KE, and 1706KER buildings.
- Continue debris removal from the KW Fuel Storage Basin.
- Continue activities for upgrading the 105KW HVAC system.
- Continue preliminary design and characterization activities for disposition of the 105KE Reactor.
- Continue activities for isolating 100K Area utilities to support of cold and dark preparations.
- Continue remediating soil from waste sites.