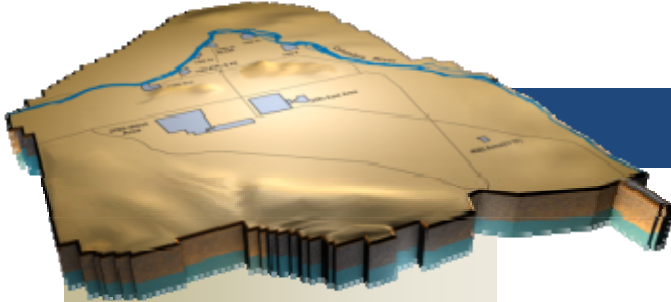


ARRA Weekly Report



Week Ending June 11, 2010

June 15, 2010
Contract DE-AC06-08RL14788
Modification M047
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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

Work remains on hold in some areas of the process and vault buildings while Beryllium Work Permits and related procedures are updated and reissued. No waste shipments or glove box removals were made from PFP last week. Insulators removed an additional 110 feet of asbestos insulation from piping in the 234-5Z building. The following table summarizes progress made with Recovery Act funding at PFP since April 2009.

Structures, equipment, waste disposition	Total to Date (since April 2009)
Glove boxes/hoods removed	63 glove boxes/hoods
MLLW/LLW shipped	1,030 m ³
TRU shipped	140 m ³
Non-radioactive waste shipped	22 m ³
Asbestos removed	~9,500 feet
Ancillary structures demolished or removed	<ul style="list-style-type: none"> • 17 fuel vaults/ancillary buildings prepared for demolition • 2 structures removed for reuse elsewhere

Laboratory & Processing Areas

In the process areas, samples of material were successfully taken from within the hydrogen fluoride scrubber cell in room 232 and submitted for laboratory analysis. The crew resumed mechanical isolation activities on glove box HA-46, which makes up one wall of the cell.

In the Analytical Laboratory, non-destructive assay (NDA) measurements were completed and data analysis is under way for three glove boxes previously removed from room 136. Surface Contaminated Object surveys were successfully completed on two hoods in room 141, and preparations were made to apply interior contamination fixative prior to removal. Removal of process equipment is continuing on six glove boxes/hoods in room 139. Preparations are also complete for sampling and disposition activities on dozens of legacy chemical items stored in hoods in room 144.

Work in the Plutonium Process Support Laboratory was suspended last week following receipt from a retired former scientist of new information regarding the potential for beryllium contamination in the area; surface and air samples were obtained from various areas and submitted for laboratory analysis.

2736-Z/ZB Vault Complex

Glove box 636 is ready for removal from building ventilation as soon as work in potential beryllium areas is restarted, expected early next week. Work was initiated to deactivate several calorimeters and an x-ray machine for DOE-STD-3013 containers in room 637, the former NDA laboratory. The equipment, originally valued at several million dollars, will be packaged and shipped to DOE's Los Alamos National Laboratory and the Savannah River Site for reuse.



Photo 1



Photo 2

Glove box 636 in the 2736-Z/ZB Vault Complex at the Plutonium Finishing Plant before (photo 1) and after isolation of the glove box and removal of the load-in and load-out hoods (photo 2).



Photo 3



Photo 4

The interior of glove box 636 in the 2736-Z/ZB Vault Complex at the Plutonium Finishing Plant before (photo 3) and after cleanout (photo 4).

242-Z Americium Recovery Facility

Follow-on roof repairs were completed above the control room and airlock during the week. The D&D team continued to perform walk-downs on the duct level of the 234-5Z building and to develop work packages for mechanically and electrically isolating the 242-Z building from external utility systems and adjacent facilities. Preparations are complete for multiple entries planned next week to return the man-lift to service and prepare for spraying contamination fixative throughout the 242-ZA airlock followed by the control room.

Security structures and systems

A deactivation analysis and the facility modification package were completed for fire systems in the former PFP badge house and central alarm station, and the permit for deactivation was approved by the Fire Marshall. A contract was awarded by Hanford's Mission Support Contractor to disassemble and remove the original PFP vehicle barrier, including over 1.5 miles of ecology blocks and cable. The project is being managed by the Mission Support Alliance Safeguards and Security division and will relocate the components of the barrier to other Hanford facilities with a high security interest.

Infrastructure, process support systems, and equipment removal

Several of the facility modification projects at PFP continue to be impacted by the expansion of PFP's beryllium controls. The change requires that potentially affected construction subcontractor employees be qualified under Hanford's beryllium control program, receive beryllium training, and be enrolled in the beryllium medical surveillance program prior to further work. Installation of the new air conditioning system is no longer affected by the hold on beryllium work, and initial startup of the system is targeted for late June. The system will provide improved working conditions during the summer months.

RL-0013 Solid Waste Stabilization & Disposition

RL-0013C:R1.1: MLLW Treatment

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

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

Three shipments were sent out this week on June 10 to Perma-Fix East (PFE). The first shipment, sent from the Central Waste Complex (CWC), contained one drum (0.2 m³) of MLLW non-debris that will be treated in PFE's industrial furnace to thermally destroy the regulated organics. Another shipment sent from CWC contained two drums (0.5 m³) of MLLW non-debris. The final shipment, sent from the Waste Retrieval and Processing Facility (WRAP), contained two drums (0.5 m³) of MLLW and Toxic Substances and Control Act non-debris. The last two shipments will be treated through PFE's vacuum thermal desorption process and the resulting condensate will be destroyed in an industrial furnace to thermally destroy the Resource Conservation and Recovery Act organics and the polychlorinated biphenyls. Any residues generated after the treatment will be tested for compliance and returned for disposal in Hanford's Mixed Waste Disposal Units.

RL-0013C:R1.2: TRU Waste

Of the 2,500 m³ of suspect TRU waste planned for retrieval under the Recovery Act:

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

The Waste Retrieval Group workforce continued work in the 3A burial grounds, Trench 17, which included inspection of a Top Hat IP-1 container gasket in preparation for shipping Box 3, soil removal

between Boxes 2 and 3, widening of the area between Boxes 3 and 12, lifting the shoring panels on Box 3 to remove blow sand, and grooming of the ingress/egress ramp located on the northwest corner of Box 12. The temporary power generators have been connected to the new 3A trailers. An occupancy walk-down was performed on the new restroom trailer (MO-2163). A draft of the 3A Trench 8 Retrieval plan was issued for review.

Demobilization of the 4B Trench 11 Recovery Plan decontamination line and disposal of waste from the activities was completed along with the global positioning system topographical mapping and ground-penetrating radar survey of the Next Generation Retrieval site in the northwest corner of the 4B burial grounds. Five (2.5 m³) previously retrieved waste containers from the 4C process area were shipped to the CWC using a fork truck.

Alpha Caisson Retrieval Project

Four proposals were received on the Remote Retrieval System and the acquisition plan from AREVA was reviewed and comments were provided. The 30 percent of the design review was closed out with ARES Corporation and the 30 percent design review comments were provided to AREVA. Closeout on the Alpha Caisson Retrieval Project continued.

TRU Project Drum Repackaging

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

- 1,478 drums (307.5 m³) have been repackaged.
- 49 TRUPACT-II shipments [1,343 55-gallon drums, 24 standard waste boxes (SWBs), two ten-drum over-packs, and 246 drums over-packed into 65 SWBs (377.9 m³)] have been shipped.



Photo 5

Drivers inspect a truck before it departs with a shipment of transuranic waste for the Waste Isolation Pilot Plant.

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

RL-0030.R1: Central Plateau Soil & Groundwater

Well Drilling & Decommissioning

Planning is in progress for installing wells in the 100-HR-3 and 100-BC-5 operable units. The following table showcases additional progress in well drilling and decommissioning.

Operable Unit	Scope (Wells to be drilled with Recovery Act funding)	In progress	Drilled to Total Depth ¹	Completed or Developed ²
100-KR-4	Support characterization of the vadose zone and aquifer (13 wells)	2	-	-
100-HR-3	H Area: Support the optimization of removal of chromium (25 wells)	25	25	25
100-HR-3	D Area: Support the optimization of removal of chromium (16 wells) ³	14	14	14
M-24	Support characterization of the aquifer (5 wells)	4	2	2
200-ZP-1	Support the 200 West Groundwater Treatment Facility that will primarily treat carbon tetrachloride contamination in the groundwater (17 wells)	14	10	8
300-FF-5	Support characterization of the aquifer (11 wells)	1	-	-
Site-wide	Decommission wells that are no longer of service ⁴ (350 wells)			146

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 Final two well locations received State historic preservation officer approval in May. Preparations for drilling are under way.

⁴ Wells that are inactive or no longer of service are filled with grout or other materials, the casing is removed, and a cap or marker is installed.

200 West Groundwater Treatment Facility

Excavation continued on the foundations of two of the four transfer buildings. Installation of road crossings continued – 41 are complete. The project awarded the subcontract for the special inspection service portion of the project. In addition, the prime construction contractor, Skanska USA Building Inc., continued mobilizing to the project site.



Photo 6

An employee from subcontractor George A. Grant levels recently poured concrete for the foundation of one of the four transfer buildings for the 200 West Groundwater Treatment Facility.

DX Groundwater Treatment Facility

A review team from the DOE Environmental Management division visited the DX Groundwater Treatment Facility during a tour of the Hanford Site Recovery Act projects on June 9. The team included Frazer Lockhart, Recovery Act federal project director, as well as John Neave, Ravi Kulkarni, and Tom Tague.

Construction of the DX Groundwater Treatment Facility continued with electrical, mechanical, and process equipment installations in the process and two transfer buildings. The progress is listed below.

Building	Electrical Equipment (% complete)	Mechanical Equipment (% complete)
Process	90%	90%
Transfer (M1)	98%	100%
Transfer (M2)	90%	98%
Electrical Power Rack Tie-In		70%
HDPE Piping Installation		96%



Photo 7

Representatives from the US. Department of Energy Environmental Management division tour the DX Groundwater Treatment Facility with representatives from CHPRC and DOE-Richland Operations Office. The tour included Frazer Lockhart, Recovery Act federal project director, as well as John Neave, Ravi Kulkarni, and Tom Tague.

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

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

U Canyon

Equipment moves and size reduction activities continued with two additional cells filled in the past week. This brings the total number of cells completed to 28 of 40. As a result of earlier efficiencies in equipment placement and use of cell volume, it is becoming apparent that fewer cells will need to be opened. Equipment moves are projected to be complete early next month. Installation of emergency lights is

complete and the facility is up to date with regard to Life Safety Code issues. A request for proposal has been issued for grout supply and conveyance. Bids are also being evaluated for a cask to support transfer of the D-10 tank to T Plant. Asbestos remediation continued in the operating and pipe galleries.



Photo 8

Workers maneuver a large piece of equipment for placement in a U Canyon process cell. As of June 11, 2010, 28 of 40 process cells in the canyon deck have been filled with equipment relocated from the canyon deck.

U Plant Ancillary Facilities

Demolition activities and load-out of the 203-UX debris continued. Demolition also began on the 224-U building. The local media visited the demolition site on June 9.



Photo 9

Project Manager Mike Swartz speaks with local media about demolition of the U Ancillary facilities.



Photo 10

Demolition begins on the 224-U building, a 35,346-square-foot, multistoried concrete structure adjacent to U Plant.

200 East Core Industrial Area

Cold and dark activities continued in the 284-E Powerhouse. Asbestos abatement continued on the exterior piping. Debris load-out from demolition of the MO-405 mobile office is complete. The 2701-M building was demolished to slab-on-grade and the debris was loaded for disposal, removing another 300 square feet of facilities from the 200 East Area.



Photo 11

Asbestos abatement containments are constructed on the exterior piping on the east side of the 284-E Powerhouse.

200 West Area Industrial Facilities

Planning and initial characterization activities continued for the demolition of six industrial structures in 200 West Area.

209-E Criticality Mass Laboratory

Final approvals are being obtained for the Documented Safety Analysis, Facility Hazards Analysis, and Criticality Safety Evaluation Report prior to transmittal to DOE. The environmental documents are complete and have been transmitted or are in the process of being transmitted to DOE. Modifications are being made to bring the facility into compliance with Life Safety Code requirements to allow for increased facility access to support D&D activities. Work package development activities are continuing to support upcoming activities such as housekeeping in the CAR/Mix Rooms and completion of the radiological surveys to support characterization of the pipes and miscellaneous equipment.

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

Arid Lands Ecology Reserve (ALE) D&D

Demolition of the 6652-C Nike Building/Space Science Laboratory and removal of the 6631 Radio Telescope Pedestal foundation continued. Cleanup of miscellaneous debris sites throughout the ALE Reserve also continued.



Photo 12

The 6652-C Nike Building/Space Science Laboratory during demolition in early June 2010.

Waste Sites

The following table showcases CHPRC's recent progress in removing contaminated soil from waste sites in the outer zone, which includes the 200 Areas and the BC Control Area.

Waste Site in Progress	Tons of Contaminated Soil Removed	
	Week Ending June 11, 2010	Total to Date
600-36	-	1,100
600-40	-	1,300
216-N-4	2,100	31,000
BC Control Area	4,600	124,000

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

- **200-MG-1**
 - 600-36: Samples are being analyzed.
 - 600-37: Sampling activities continued.
 - 600-40: Samples were taken to determine if the additional excavation was sufficient to remediate the contamination.
 - 600-226: Sampling activities were completed and the samples are being analyzed.
 - 600-228: Sampling activities continued.

- 600-262: Closure documentation is being prepared.
- 600-275: Excavation was deferred due to nesting birds in proximity to the waste site.
- 600-281: Confirmatory sampling was completed and the data report is being prepared.
- OCSA (Old Central Shop Area): Sampling is in process and development of subsequent sampling instructions is progressing.
- Planning for retrieve, treat, and disposal activities continued for the following waste sites:
 - 200-W-33
 - 600-218
 - 600-38
- 200-CW-3
 - 216-N-1: Closure documentation is being prepared for DOE and Regulatory approval.
- BC Control Area
 - For Zone A, approximately 31 acres have been excavated and surveyed. Surveying in Zone B is temporarily stopped due to concerns involving migratory birds.



Photo 13

A water truck sprays water to control loose soil during excavation of the BC Control Area.

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

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

Facility D&D

Demolition of the 183.2KW Sedimentation Basin, 183.3KW Filter Basin, and the 183.7KW Pipe Tunnel continued. Demolition began on the east half of the 183.3KW Filter Basin.



Photo 14

Demolition begins on the east half of the 183.3KW Filter Basin. The Filter Basin is part of the 183KW Sedimentation Basin Complex, or the 100K West Reactor Water Treatment Facility, that CHPRC is demolishing with support from Recovery Act funding.

About 320 feet of ducting has been installed for the 105KW Fuel Storage Basin facility heating, ventilation, and cooling system (HVAC) upgrade. Approximately 700 feet of ducting will have been installed when the project is complete. Site preparation began for the exterior HVAC components.



Photo 15

Site preparations begin for the construction of exterior heating, ventilation, and cooling (HVAC) components at the 105KW facility.

Preliminary design activities and document preparation for disposition of the 105KE Reactor continued. Additional preliminary design documents are being reviewed. Core boring was completed at the third of four locations and the core boring equipment is being relocated to the final core boring location. Samples from the core borings are being processed and analyzed. Asbestos abatement preparations and hazardous material removal continued in the 105KE Reactor building.

Infrastructure Utilities Upgrade Project

About 11,100 feet of pipe and fittings have been installed for the import water line. Installation of the import water line is approximately 99 percent complete. Flushing and testing of the line is in progress. Contract changes are pending for the removal of excess rock/overburden from the pipe route.

Construction is complete except for a few punch list items for the fire water and potable water lines along the southwestern perimeter (inside the fence) of the 100K Area. Pot-holing and trench excavation for fire water piping continued on the east side of the 105KW Reactor facilities. About 550 feet of trench has been excavated for the fire water and potable water lines for the Cold Vacuum Drying and 105KW facilities. A total of 440 feet of 8-inch fire water pipe was installed, including a fire hydrant. Three sand bedding compaction tests were completed and concrete thrust blocks were poured on the east side of the 105KW Reactor facility.



Photo 16

A new fire hydrant was installed as part of the 100K Area fire and potable water line construction.

Construction started on the fire water and potable water lines being installed for the remainder of the 100K Area. Recent activities included excavating the trench, installing pipe, and backfilling 860 feet of 12-inch fire water pipe and 460 feet of 4-inch potable water pipe.

Construction of the Water Treatment Facility continued with construction of forms and rebar for the water treatment building stem walls and tank foundation. Forms were removed from the sump walls. Installation of the under-slab piping was completed and under-slab backfilling was initiated. Off-site fabrication continued for the fire pump, tank, and microfiltration unit for the water treatment building.



Photo 17

Recently installed piping for the Water Treatment Facility that will provide potable water for the 100K Area. CHPRC is constructing the facility with Recovery Act funding to allow existing infrastructure to be removed, limiting restrictions on future demolition and remediation work.

Refurbishment of the A9 Substation continued. The skid frames were installed along with the associated breakers and several other components. Excavation began for the conduit to the skids. Materials continue to be received.

The changed design for the 13.8kV re-route to replace aerial installation with underground installation was released. Additional changes are being addressed.

Waste Sites

The following table showcases CHPRC's progress in removing contaminated soil from 100K Area waste sites, which were contaminated as a result of operations at Hanford's K Reactors.

Waste site in progress	Tons of contaminated soil removed	
	<i>Week Ending June 11, 2010</i>	<i>To date</i>
100-K-47 (Process Sewer)	1,709	14,009
100-K-53 (Glycol Heat Recovery Underground Pipelines)	155	355
100-K-56 (Reactor Cooling Water Pipelines)	934	11,184
100-K-68 (Pump Gallery and Catch Tank)	-	6,945
100-K-71 (Collection Box)	-	5,000
100-K-102 (French Drains and Mercury Stained Soil near 183KW Sedimentation Basin)	-	10,200
116-KE-3 (Storage Basin French Drain)	-	2,900
120-KW-1 (183-KW Filter Water Facility Dry Well)	-	9,100
Below-grade structure/soil removal		
183.1 KW (K West Headhouse)	3,797	9,197

Recent progress also 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-63 (West Floodplain) – Planning continued for the remediation of the waste site.

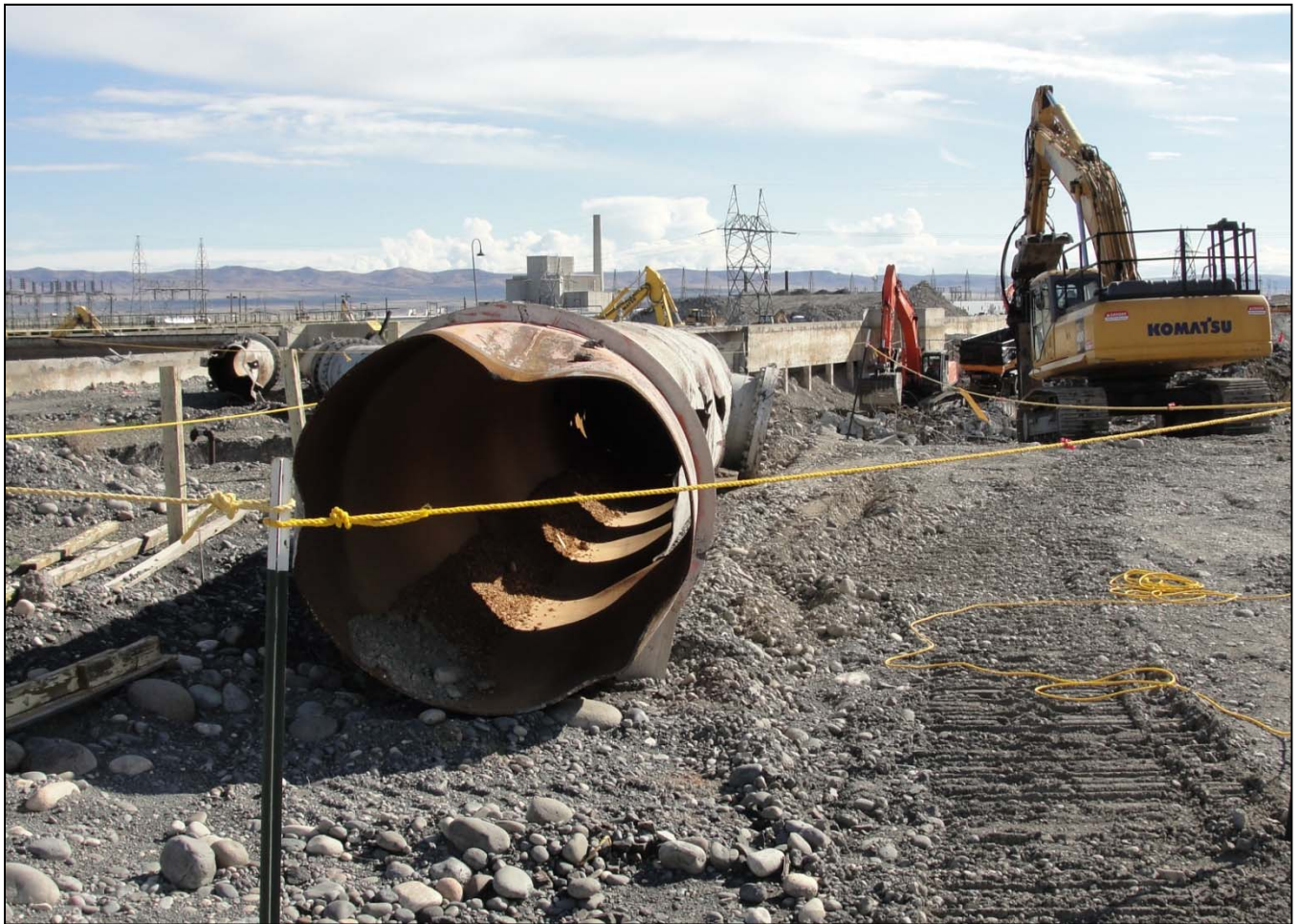


Photo 18

A close-up of a section of pipe removed from the site beneath the former 183.1KW Headhouse. Removal of below-grade structures as well as demolition of the 183.2KW Sedimentation Basin continue in the background.

UPCOMING EVENTS

RL-0011 Nuclear Materials Stabilization & Disposition

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

- Ship the last three glove boxes from the Standards Laboratory to ERDF for disposal.
- Complete analysis of NDA on three glove boxes from room 136 and ship them to ERDF.
- Remove glove box 400 from the RADTU area and ship it to ERDF.
- Complete equipment removal from two glove boxes in room 141 and ship them to ERDF.
- Continue external isolations and equipment removal from six glove boxes/hoods in room 139.
- Continue isolation and cleanout of three glove boxes/hoods in rooms 180 and 188.
- Complete revisions to PFP's procedures related to beryllium, brief the workforce, and resume D&D work in beryllium controlled areas.
- Complete expansion of doorway 638 and transfer glove box HC-60 to Solid Waste Operations.
- 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.
- Begin chemical decontamination of glove box HA-28 and complete external isolations from

glove box HA-46.

- Initiate removal of the process vacuum system piping from 234-5Z and 291-Z buildings.
- Isolate glove box 636 from building ventilation, enlarge the exit doorway, and remove the glove box from the 2736-ZB building.
- Install a new, larger glove box load-out port in room 642 of 2736-ZB.
- Complete updated NDA measurements of the 2736-ZB ventilation ducting and filter housings to support implementation of the D&D Documented Safety Analysis.
- Complete application of contamination fixative in the 242-ZA air lock and begin application throughout the control room.

RL-0013 Solid Waste Stabilization & Disposition

RL-0013C:R1.1: MLLW Treatment

- Planned shipment of one box (0.6 m³) of MLLW debris and radiological sources sent from the CWC to Perma-Fix Northwest (PFNW).
- Planned shipment of two waste packages (3.9 m³) of MLLW debris (ducting) sent from the Waste Retrieval Project to PFNW.
- Planned shipment of 11 drums (3.0 m³) of MLLW debris sent from WRAP to PFNW.

RL-0013C:R1.2: TRU Waste

- TRU Retrieval
 - 3A Trench 17:
 - Continue Box 3 removal.
 - Conduct an HRB meeting on the repackaging of Boxes 80 and 82.
 - Continue work planning on the removal of Boxes 1, 2, 12, and 81.
 - Perform FRP box integrity screw test on Boxes 2, 12, and 81.
 - Receive and set-up the new 3A crew trailer (MO-873) and finalize/approve occupancy permit for the new 3A restroom trailer (MO-2315).
 - Obtain approval on the 3A Trench 8 Retrieval Plan.
 - Complete additional sub-surface survey of 3A Trench 9 areas that are adjacent to the 3A Trench 8 retrieval area.
 - Down-post 218-W-3AE in preparation for installing power poles for permanent power to the 3A burial grounds.
 - Continue Portable Containment erection at the 3A burial grounds.
 - Resolve DOE-RL comments on the Portable Containment short form Notice of Construction (NOC) permit; RL to submit the NOC permit to the regulators.
 - Ship two waste containers from the 4B/4C burial grounds to Perma-Fix Northwest.
 - Develop a plan for determining industrial hygiene and radiological conditions from the excavated portions of 4B Trench 11.
 - Validate Mobile Radioactive Decontamination Unit operating procedure and continue start-up activities.
- Alpha Caisson Retrieval
 - Closeout 30 percent design review with AREVA and the ARES Corporation by June 15.
 - Complete acquisition plans by June 15.
 - Perform technical evaluation on the Remote Retrieval System by June 16.
 - Complete project closeout efforts by July 2.
- TRU Repack
 - Two planned TRUPACT-II shipments.

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-KR-4, 200-ZP-1 and 300-FF-5.
- Continue planning for well installations at the 100-HR-3 and 100-BC-5 operable units.

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

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

- Continue demolition for the U Plant ancillary facilities.
- Continue relocating equipment from the U Canyon deck into the process cells and asbestos abatement in the operating and pipe galleries.
- Continue demolition preparations (i.e., cold and dark activities) for the 284-E Powerhouse.
- Continue demolition planning and characterization of the 200 West Area industrial facilities.
- 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.
- Begin planning and characterization of structure 6630, the Hodges Well Pump House and Tank.
- 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.
- Complete core boring at fourth location of the 105KE Reactor.
- Continue activities for isolating 100K Area utilities to support of cold and dark preparations.
- Continue remediating soil from waste sites.