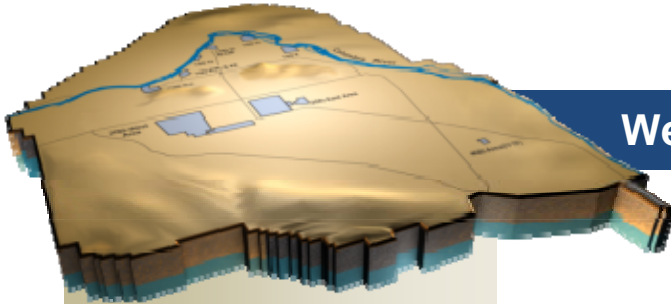


ARRA Weekly Report



Week Ending September 17, 2010

September 21, 2010
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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

The PFP workforce celebrated the completion of 30 days of work without a recordable injury or qualifying reportable event, an accomplishment made while completing hundreds of daily entries into radiologically controlled areas and removing excess buildings and systems from the PFP Complex. The last of the security-related buildings, the PFP Central Alarm System, was demolished last week with base funding, completing the removal of all five security buildings that CHPRC readied for demolition two years early with Recovery Act funds. The following table summarizes major accomplishments made with Recovery Act funding at PFP since April 2009.

Structures, equipment, waste disposition	Total to Date (since April 2009)
Glove boxes/hoods removed	67 glove boxes/hoods
MLLW/LLW shipped	1,416 m ³
TRU shipped	165 m ³
Non-radioactive waste shipped	22 m ³
Process vacuum system piping removed	102 feet
Asbestos removed	10,766 feet
Ancillary structures demolished or removed	22 fuel vaults & ancillary buildings prepared for demolition



Photo 1

A laboratory hood is removed from the Plutonium Process Support Laboratory at the Plutonium Finishing Plant. This was one of three waste shipments that left the Plutonium Finishing Plant last week for treatment and/or disposal.



Photo 2

Workers carefully guide a laboratory hood as it is lifted for loading into a container for shipment and disposal. The laboratory hood was used for plutonium process development activities when the Plutonium Finishing Plant was in operation supporting the nation's defense efforts.

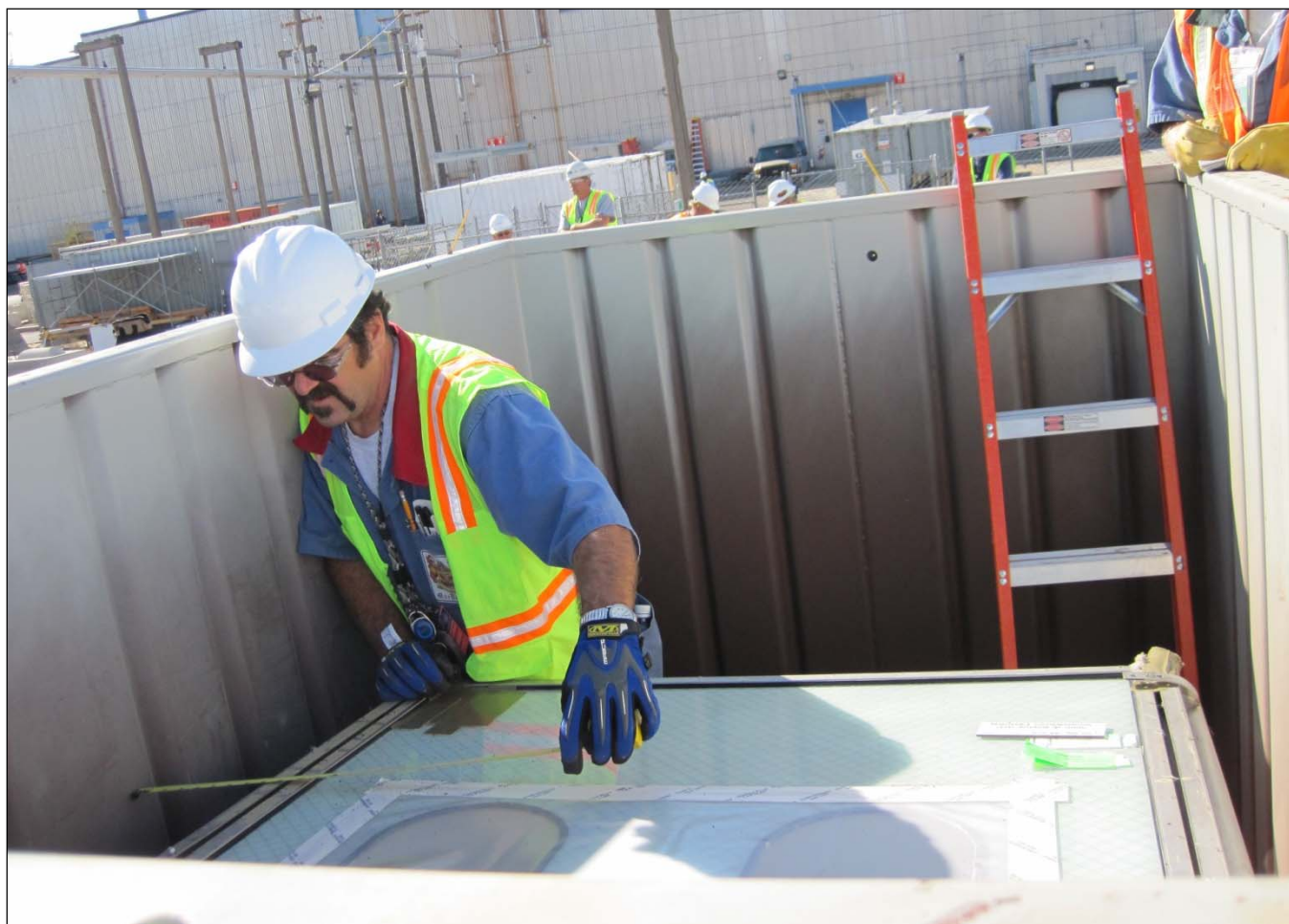


Photo 3

A worker measures the placement of a laboratory hood in a container being prepared for shipment to the Environmental Restoration Disposal Facility (ERDF). The laboratory hood, removed from the Plutonium Process Support Laboratory at the Plutonium Finishing Plant (PFP), was one of three shipments of waste that left PFP last week; CHPRC also shipped a roll-off container of waste to ERDF and five drums of mixed and low-level waste to an off-site treatment facility.

Laboratory & Processing Areas

Two inter-connected hoods from the Analytical Laboratory were successfully size reduced and transferred to waste operations for disposal as TRU waste. Ten other hoods and glove boxes are being readied for removal from rooms 139 and 144. In the Plutonium Process Support Laboratory, a new D&D supervisor completed training and qualification, enabling process equipment removal to resume in glove box 180-85.

In the RMC Line, the last two windows and gaskets were removed from glove box HC-230C-3 in an effort to reduce contamination levels so that the glove box can be disposed of as LLW. A fire door was removed from glove box HC-230C-5 and a blanking plate installed to isolate it from the HC-3 conveyor.

In the RMA Line, external isolations were completed on glove box HA-46 and preparations were initiated to deploy the Aspigel® product for the first time to chemically decontaminate glove box HA-19 to levels below those that could be achieved with RadPro®. Decontamination efforts have been suspended on three other RMA Line glove boxes, and they will be prepared for removal and staged for size reduction and disposal as TRU waste.

2736-Z/ZB Vault Complex

Electrical isolation of glove boxes and equipment in rooms 641 and 642 is complete. Lead shielding has been removed from glove boxes 642-B through F. Nitrogen and helium lines were isolated from glove box 642-E and F, and contamination fixative was applied to the interior of glove box 642-F in preparation for removal and disposal as TRU waste. Non-destructive assay measurements were completed on glove box 636 and indicated areas of high americium contamination on the exhaust filter flanges. The flanges will need to be removed from the glove box before another set of Surface Contaminated Object surveys can be performed to support onsite disposal of the glovebox as LLW.

242-Z Americium Recovery Facility

The 242-Z D&D team completed erection of a new containment tent in the 242-ZA annex and replaced the E-3 exhaust filters in the duct level of the 234-5Z building. Replacement of the filters was successful in increasing the differential pressure to levels that will support intrusive D&D work in the building. Initial corrective actions were completed to enhance controls over fresh-air entries into the building.

Infrastructure, process support systems, and equipment removal

An additional section of process vacuum system piping was isolated with a single cut in preparation for removal, and preparations were completed to begin removal of process transfer piping. Site preparation was initiated for the installation of a 3-wide trailer in the former isolation zone just north of mobile office MO-273. Once completed, the trailer will house the PFP Tool Crib, one of the last functions to be relocated out of the 234-5Z building.

Ancillary and Security Structures

The removal of various security systems and barriers around the PFP Protected Area is complete. The work performed in fiscal year 2010 was accelerated by two years with the help of Recovery Act funding.

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:

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

Two shipments were sent out on Sept. 16. One shipment consisted of two drums (0.4 m³) containing LLW debris contaminated with polychlorinated biphenyls (PCBs) and the second shipment contained two drums (0.4 m³) of MLLW and Toxic Substances and Control Act non-debris. Both shipments of waste were sent from the Central Waste Complex (CWC) to Perma-Fix East (PFE). They will both undergo the same treatment from PFE's Vacuum Thermal Desorber unit and the remaining condensate will be destroyed in PFE's industrial furnace to thermally destroy the PCBs and the Resource Conservation and Recovery Act Organics. Any residues generated after treatment will be tested for compliance and returned for disposal in Hanford's Mixed Waste Disposal Units.



Photo 4

Workers load drums containing mixed low-level waste non-debris into a shipping container for off-site shipment. Two shipments were loaded into this container and both will undergo treatment at Perma-Fix East.

RL-0013C:R1.2: TRU Waste

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

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

In the 3A burial ground, workers excavated to the bottom of Trench 17 Box 1, installed the base plates for box removal, and excavated the south bench near the box as well. The enhanced worker planning and automated job hazard analysis (AJHA) was completed for the Trench 17 Box 12 removal work package (2X-10-2586). The berm was modified near the 4600 Manitowoc Crane per engineering direction to support removal activities. An AJHA session was conducted for Trench 17 excavation procedures and procedures SW-100-157, -158, -202, -201 and associated AJHAs were updated to implement additional personnel controls. Four secondary waste containers were shipped to Perma-Fix Northwest (PFNW). The Trench 8 high radiation area walls over the compacted gravel base were partially erected and the updated Trench 8 locations as determined in the second sub-surface survey were marked. Workers also began excavating Trench 8 containers for removal. In the 4B burial ground, the partial sub-surface survey was completed for 4B Trench 11 re-entry points in support of retrieval planning.

In the 12B burial ground, a review and an AJHA were completed for the passive/active neutron (PAN) assay system and drum venting system 2. Retrieval and excavation procedures were completed and are now approval ready, pending the decision on whether or not a Hazard Review Board meeting is required. The real-time radiography (RTR) system conveyor alignment was completed and the acceptance/operational testing of the system resumed.

TRU Project Drum Repackaging

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

- 1,715 drums (356.8 m³) have been repackaged.
- 87 TRUPACT-II shipments [1,343 55-gallon drums, 24 standard waste boxes (SWBs), two ten-drum over-packs, 456 85-gallon over-packs and 246 drums over-packed into 65 SWBs (472.7 m³ total)] have been shipped.

Suspect TRU Waste Shipments

Of the 637 m³ of suspect TRU waste planned for shipment under the Recovery Act:

- 80 m³ have been shipped to date (40 m³ were shipped using Base funding).

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

RL-0030.R1: Central Plateau Soil & Groundwater

Well Drilling & Decommissioning

The following table showcases CHPRC's recent 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-BC-5	Support characterization and removal of chromium (6 wells)	3	2	1
100-KR-4	Support characterization of the vadose zone and aquifer (13 wells)	8	6	4
100-HR-3	H Area: Support the optimization of removal of chromium (40 wells)	39	33	29
100-FR-3	Support for Remedial Investigation/Feasibility Study characterization (3 wells)	2	2	-
200-ZP-1	Support the 200 West Groundwater Treatment Facility that will primarily treat carbon tetrachloride contamination in the groundwater (17 wells)	17	15	14
300-FF-5	Support characterization of the aquifer (11 wells)	3	3	1
Site-wide	Decommission wells that are no longer of service ³ (350 wells)			175

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, the casing is removed, and a cap or marker is installed.

CHPRC met its goal of decommissioning 175 wells in fiscal year 2010. Wells play an integral role in the cleanup process at the Hanford Site, supporting extraction, cleanup, and monitoring of contaminated groundwater across the site. Over the years, several wells have become inactive or are no longer needed to support the cleanup mission and can be closed, or decommissioned. CHPRC is using Recovery Act funding to decommission the wells to support the DOE goal to shrink the Hanford Site cleanup footprint. The wells are filled with grout or other materials such as sand or clay, the casings are removed, and a cap or marker is installed to indicate where the well was previously located. In total, with funding from the Recovery Act, CHPRC plans to decommission 350 wells by the end of fiscal year 2011.



Photo 5

A well decommissioning rig in operation in the 600 Area of the Hanford Site. This month, CHPRC reached its goal of using Recovery Act funding to close, or decommission, 175 wells in fiscal year 2010.

200 West Groundwater Treatment Facility

Approximately 120 cubic yards of concrete were placed, bringing the project-to-date total to approximately 1,670 cubic yards placed for the facilities that will make up the 200 West Groundwater Treatment Facility. The 100-ton crane arrived on site for subcontractor Skanska USA Build Inc. to begin erection of the steel for the Radiological Facility.

Subcontractor George A. Grant continued construction activities for the transfer buildings with approximately 40 cubic yards poured last week. Construction activities also included (listed by building):

- Extraction #1: The second half of the slab was placed Sept. 16.

- Extraction #2: Concrete was placed for the first of two slabs on Sept. 13.
- Injection #1: Setting of the final grade for the slab form began Sept. 16.
- Injection #2: Backfill activities are pending.

While construction of Phase I road crossings remains on hold, construction of nine accelerated Phase II road crossings is in progress with one complete and two under construction. Nine road crossings were completed last week in the area of the S/SX tank farms.

Follow-up actions to the CH2M HILL corporate assessment are in progress and approximately 90 percent of follow-on actions are complete.



Photo 6

Workers prepare a section of a crane for off-loading at the construction site of the 200 West Groundwater Treatment Facility. The crane will be used to erect steel for the Radiological Facility.



Photo 7

The 100-ton crane off-loaded and assembled at the construction site of the 200 West Groundwater Treatment Facility.

DX Groundwater Treatment Facility

Acceptance test procedure progress included working hardware and software installation, leak testing on the ion exchange skid prior to resin fill, and completion of a water fill on four of the six trains. Electrical and mechanical equipment installation is approximately 35 and 70 percent complete, respectively, for the Chemical Addition building.

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

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

U Canyon

Fixative application on the canyon deck is complete. Over 200 gallons of fixative were applied to the operating deck and coverblock lift bails in an effort to reduce the posting requirements in the canyon. Grout preparation activities continued. Sampling of the five unknowns in the canyon was performed and the samples were sent to the laboratory for analysis. Acetylene bottles within the canyon have been dispositioned.



Photo 8

The Waste Specialist and Shipper (left) who were instrumental in accomplishing removal of acetylene bottles from U Canyon. The team ensured the bottles were properly prepared for shipment. The bottles (right) contained gas and had been inside of U Canyon for close to 65 years. The bottles were loaded onto a truck for transport to a new location.

U Plant Ancillary Facilities

Debris from the demolition of the 224-U and 224-UA buildings continues to be loaded for disposal at the Environmental Restoration Disposal Facility (ERDF).



Photo 9

An aerial view of the 224-U and 224-UA U Plant ancillary facilities during debris removal in September 2010.

200 East Core Industrial Area

Debris load-out of the 272-E Fabrication Shop continued. Asbestos abatement containment construction in the 284-E Powerhouse is progressing. Demolition preparations and removal of items that cannot be removed with the building continued.



Photo 10

Debris load-out is nearing completion at the 272-E Fabrication Shop.

200 West Area Industrial Facilities

Planning, characterization, and radiological surveys are ongoing for the six industrial structures planned for demolition.

209-E Criticality Mass Laboratory

Site preparation continued, including installation of support trailers and generators, staging of equipment, and leveling of walking surfaces. Gloves on the glove boxes in the Mix Room are being inspected and replaced as needed to allow for characterization and equipment removal activities. DOE concurrence on the Notice of Construction (NOC) was received and the NOC is being transmitted to the governing regulatory agency for final approval. Cutting techniques for the slab tanks are being evaluated. The job hazard analysis for the fiber optic inspection of the CAR and Mix Room tanks was started.



Photo 11

Workers inspect and replace gloves on the glove boxes in the Mix Room of the 209-E Criticality Mass Laboratory in preparation for characterization and equipment removal.

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

Arid Lands Ecology Reserve (ALE) D&D

The decommissioning of the Hodges Well and demolition of the slab is complete. Cold and dark isolation and waste characterization activities continued on four communication facilities (6633 Franklin County Communications Building, 6635 Crown Castle/Cingular Tower and Building, 6636 Columbia Communication Tower and Building, and 6637 Amateur Radio Tower and Structure). Demobilization activities are also ongoing and include relocating materials and equipment to the 200 West Area, where it will be used to support upcoming Recovery Act-funded demolition activities.

North Slope Debris Removal

Planning, development of environmental documents, and cultural reviews continued for removal of debris from the North Slope on the Hanford Site. Cultural reviews reports are being reviewed by DOE for the first three areas scheduled for debris removal.

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

A draft Action Memorandum and a Removal Action Work Plan are being finalized within CHPRC. Comments from an internal review of the draft Sampling and Analysis Plan are being addressed. The radiological inventory of the railcars for final hazard categorization review continues to be addressed.

Waste Sites

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

Waste Site in Progress	Tons of Contaminated Soil Removed	
	<i>Week Ending Sept. 17, 2010</i>	<i>Total to Date</i>
216-N-6	-	8,100
BC Control Area	8,600	208,500
600-36	-	372
600-38	-	111

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

- *200-MG-1*
 - 216-S-26: All vendor questions have been answered and all bids have been released; selection of a vendor is expected by Oct. 10, 2010.
 - 600-36: Excavation to remove residual arsenic is complete. Analytical results are being impacted by backlog at the laboratory.
 - 600-38: Analytical results from verification sampling are being impacted by backlog at the laboratory.
 - 600-275: Concrete processing is complete. Metal processing is approximately 50 percent complete. Sampling is anticipated this week.
 - 600-228: Direct push testing has started.
- *200-CW-3*
 - 216-N-4: Initial verification field samples are being analyzed at the lab; clean backfill is being staged at the site.
 - 216-N-6: Excavation is complete, initial screening was performed, and detailed down-post surveys are complete. Sampling continued.
 - Preparations for remediation of pipelines 600-286/287-PL are complete; overburden removal is ongoing with shipments to ERDF expected the week of Sept. 20, 2010.
- *BC Control Area*
 - For Zone A, approximately 57 acres have been excavated and surveyed.
 - For Zone B, radiological down-posting surveys are in process.



Photo 12



Photo 13

The BC Control Area in September 2009 (photo 12) and September 2010 (photo 13). Last September, CHPRC used Recovery Act funding to conduct an aerial survey of the 13-square-mile area. Since then, CHPRC has excavated and surveyed 57 acres and removed more than 200,000 tons of contaminated soil from the waste site.

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

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

Facility D&D

At the 183KW Sedimentation Basin Complex, demolition and debris load-out continued on the 183.7KW Pipe Tunnel.

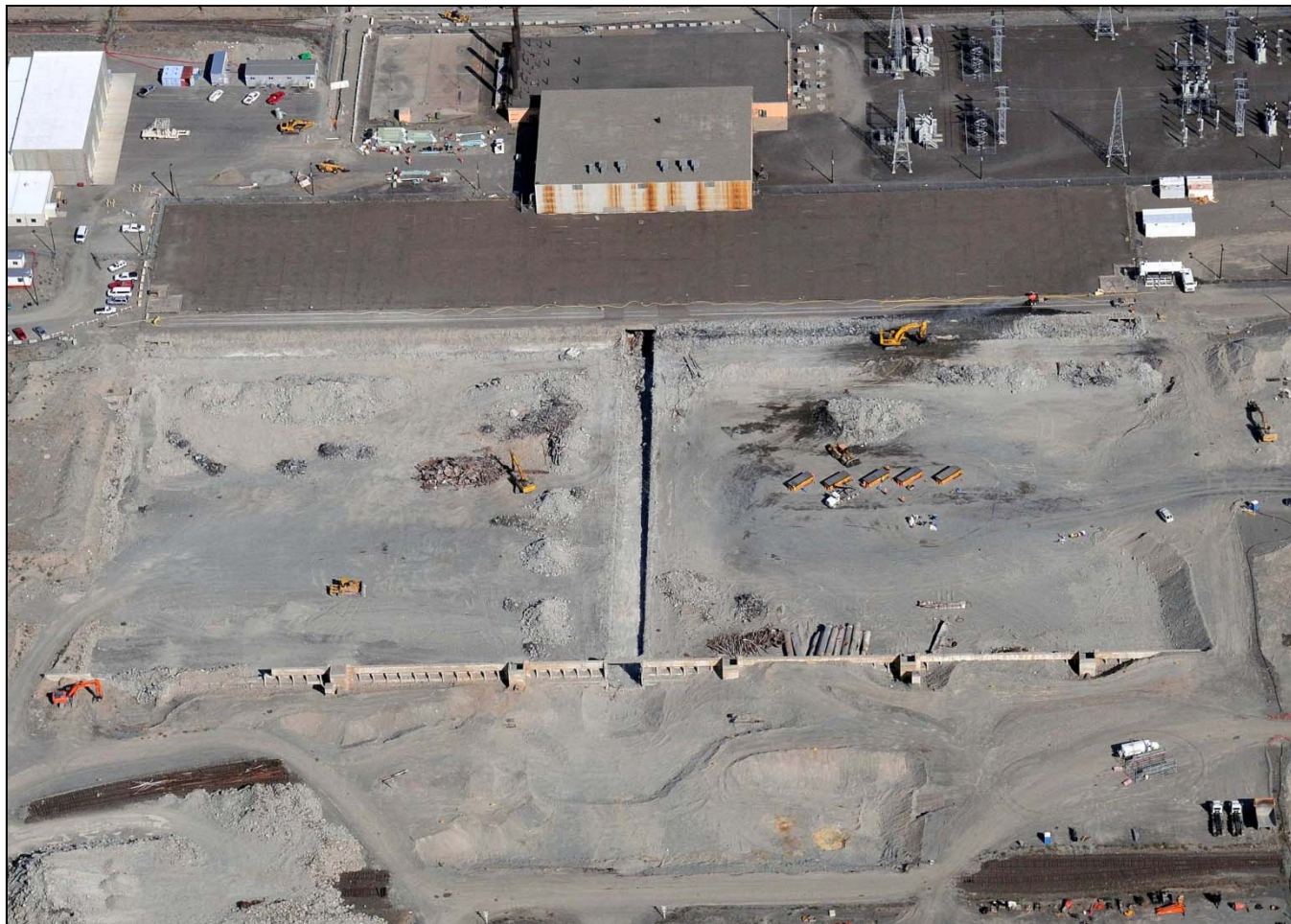


Photo 14

An aerial view of the 183KW Sedimentation Basin Complex in September 2010 shows that little remains of the original facility.

In the 100K East Area, demolition of the 115KE Gas Recirculation Building continued as did asbestos abatement in the 190KE Main Pump House.

Comments on the preliminary design documents for disposition of the 105KE Reactor continued to be addressed. The multi-day design review meeting is being planned for early November. Additional graphite samples were obtained for reactor characterization. Fabrication continued for an interim door for the 30-foot by 30-foot opening that was used for equipment placement during the explosive demolition of the two overhead bridge cranes and the counterweights.

Insulation is being installed on the approximately 800 feet of interior ducting as part of the upgrade to the 105KW Fuel Storage Basin facility heating, ventilation, and cooling (HVAC) system. Penetrations were made in the north wall for return air ducting. Exterior ducting was delivered. Work continued on the installation of power to the exterior units.

Infrastructure Utilities Upgrade Project

Installation of the fire water and potable water lines in the 100K Area continued. Trenching and pipe installation continued for the 4-inch potable water line in front of Cold Vacuum Drying Facility. Hydro testing of 105KW loop was initiated for the 8-inch fire line (four of six sections completed satisfactorily). Installation of process piping and interior electrical wiring continued for the water treatment building that will be part of the Water Treatment Facility. Site finish grading continued and concrete was placed at the entrances to the facility. Insulation is being placed on the Water Storage Tank.



Photo 15

Insulation is being installed on the recently constructed Water Storage Tank that is part of the new 100K Area Water Treatment Facility. CHPRC is using Recovery Act funding to construct the Water Treatment Facility to allow existing infrastructure to be removed to facilitate future cleanup activities.

Initial energizing of the transformers and control building for the A9 Substation Refurbishment was started. Punch list items are being worked and are nearing completion.

An electrical outage for a portion of the 100K Area was performed in order to connect the new 13.8kV

aerial conductors to existing 13.8kV lines. New poles were installed; wire was pulled; and grounding rods, ground anchors, and guy wires were installed.

Waste Sites

The following table showcases CHPRC's progress in 100K Area waste site remediation.

Waste Site in Progress	Tons of Contaminated Soil Removed	
	Week Ending Sept. 17, 2010	Total to Date
100-K-47 (Process Sewer)	-	17,393
100-K-53 (Glycol Heat Recovery Underground Pipelines)	-	350
100-K-56 (Reactor Cooling Water Pipelines)	-	11,839
100-K-63 (100-KW Floodplain)	7,073	41,413
100-K-68 (Pump Gallery and Catch Tank)	-	9,478
100-K-71 (Collection Box)	-	7,569
100-K-102 (French Drains and Mercury Stained Soil near 183KW Sedimentation Basin)	370	17,813
116-KE-3 (Storage Basin French Drain)	-	4,328
120-KW-1 (183-KW Filter Water Facility Dry Well)	2,786	25,685

UPCOMING EVENTS

RL-0011 Nuclear Materials Stabilization & Disposition

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

- Complete in-situ size-reduction of three hoods.
- Remove six glove boxes/hoods in room 139 and four hoods in room 144, and complete the disposition of remaining chemicals from room 144.
- Complete cleanout and removal of the remaining glove box in room 180; initiate work on glove boxes in rooms 179.
- Relocate glove box HC-60 to a low dose area for non-destructive assay measurements.
- Apply contamination fixative within glove box HC-230C-3 and remove it from building ventilation.
- Complete cleanout and isolation of glove boxes HC-230C-4 and -5 and remove them from building ventilation.
- Deploy Aspigel® as an alternate decontamination process and begin chemical decontamination on glove box HA-19.
- Complete external isolations and initiate decontamination of glove boxes 200 and HA-46.
- Continue removing process vacuum and process transfer piping.
- Remove the final glove box from room 636 and the first of six glove boxes from room 642 of the 2736-ZB building.
- Resolve ventilation issues in the 242-Z control room, complete the application of additional contamination fixative in the control room, and begin isolation and cleanout of glove box WT-2.

RL-0013 Solid Waste Stabilization & Disposition

RL-0013C:R1.1: MLLW Treatment

- Planned shipment of one drum (0.2 m³) of MLLW non-debris for sampling from CWC to PFNW.

RL-0013C:R1.2: TRU Waste

- TRU Retrieval
 - 3A burial ground:
 - Remove Trench 17 Box 1 and ship to CWC.

- Excavate Trench 17 Box 12 and prepare ramp for box removal.
- Continue work planning for Trench 17 Box 27 removal and shipment.
- Excavate overburden on Trench 17 Boxes 13-22.
- Expose the first two metal waste containers in Trench 8 and remove the boxes from the trench.
- Install offices in the new 3A buildings (MO-873 and MO-2152).
- 4B/4C burial grounds:
 - Complete re-entry sub-surface surveys in 4B Trench 11.
 - Conduct 4B Trench 11 retrieval planning.
 - Validate Mobile Radioactive Decontamination Unit operating procedure.
 - Over-pack two waste containers previously retrieved from Trench 11; ship to CWC.
- 12B burial ground:
 - Continue mock-up retrieval activities for contact-handled and high-dose waste drums in the Simulation Test Site Trench.
 - Complete calibration, confirmation, and verification of the PAN assay system.
 - Complete the acceptance and operational tests for drum venting system 3.
 - Complete the operational test on the RTR/drum warming unit.
 - Validate and approve remaining operating procedures for the Next Generation Retrieval Project.
- TRU Repack
 - Two planned TRUPACT-II shipments.
- Suspect TRU Waste Shipments
 - Planned shipment of one box (20.4 m³) of suspect TRU waste to PFNW.

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 100-BC-5, 100-HR-3, 100-KR-4, 100-FR-3, 200-ZP-1, and 300-FF-5.

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

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

- Continue debris load-out of the 224-U and 224-UA facilities.
- Continue asbestos abatement in the U Canyon galleries.
- Continue demolition preparations for the 284-E Powerhouse.
- Mobilize and initiate demolition of the crusher house and conveyor building at the 284-E Powerhouse.
- Continue demolition debris load-out for the 272-E Fabrication Shop.
- Continue preparations for demolition of the 209-E Criticality Mass Laboratory.
- Continue demolition planning and characterization of the 200 West Area industrial facilities.

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

- Complete cold and dark isolation and waste characterization activities for communication facilities 6633 Franklin County Communications Building, 6635 Crown Castle/Cingular Tower and Building, 6636 Columbia Communication Tower and Building, and 6637 Amateur Radio Tower and Structure.
- Begin demolition of upper ALE communication facilities.

- Continue demobilization activities on the ALE Reserve.
- Continue planning and cultural reviews for removing debris from the North Slope.
- Continue planning, document preparation, and compilation of characterization information for the railcars in the 200 North Area.
- Continue remediation in the BC Control Area, 200-MG-1, and 200-CW-3 areas.

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 and the 115KE Building.
- Begin demolition of the 1706KE/KER substructures.
- Continue activities for upgrading the 105KW HVAC system.
- Continue preliminary design and characterization activities for disposition of the 105KE Reactor.
- Continue with the Infrastructure Utilities Upgrade Project activities.
- Continue remediating contaminated soil from waste sites.