

Plateau Remediation Company



From the President's Office

The American Recovery and Reinvestment Act of 2009 posed a challenge and an opportunity: Put people to work quickly and accelerate cleanup. You accepted the challenge and you succeeded. I want to thank you all for helping create a new chapter in the legacy of Hanford cleanup and bringing the Hanford Site closer to its final cleanup footprint.

As you know our company received \$1.3 billion in Recovery Act funds, and Hanford overall received more stimulus dollars than any other site in the U.S. Department of Energy Complex. We were given this opportunity because decision makers trusted we had the right approach and capabilities to get the job done safely. We were "shovel ready" and considered a worthwhile investment.

In two and a half years, we have lived up to some very high expectations. We've made more safe cleanup progress on the Site than has ever been accomplished before. We accelerated critical environmental cleanup that's important not only to our community but to stakeholders and leaders far beyond the Tri-Cities.

Our success is measured not only by the fieldwork but also by the behind-the-scenes efforts it took to make it happen – the hiring, training, procurement and mobilization to develop, deploy and maintain a safe and high performing team of CHPRC employees and subcontractors. Our safety, efficiencies and innovations enabled us to not only meet but exceed our goals. Altogether, Hanford cleanup efforts reduced the site cleanup footprint by a total of 316 square miles, exceeding our goal of 290 square miles (or approximately 49 percent) by 26 square miles.

Everyone on the CHPRC team responded to the challenge of accelerating the Recovery Act scope and demonstrated an ability to plan, implement and improve safe and efficient environmental cleanup operations. And every person in our company can feel proud of the role they played in cleaning up the Hanford Site for future generations. Thank you for your dedication to Hanford cleanup.

John G. Lehew

President and Chief Executive Officer

CH2M HILL Plateau Remediation Company

Exceeding Expectations







Building skills and experience

We held job fairs that welcomed thousands and advertised nationally to both recruit and transition our highly skilled workforce. More than 50% of our contracts were also consistently awarded to small businesses, surpassing our company goal of 49%.

Reducing lifecycle, surveillance, and maintenance costs

We demolished more than 20 additional buildings beyond our 49 building target, some the size of several football fields or scaling nearly 200 feet high. We removed all 16 of the historical railcars on the 212-R rail spur for display or disposal. At the Plutonium Finishing Plant (PFP), we also readied another 28 ancillary facilities for removal/demolition – 8 more than planned – while simultaneously removing 130 gloveboxes, more than 1,700 feet of highly contaminated process vacuum and transfer piping, more than 15,000 feet of asbestos, as well as the facility's long-standing security systems.

Expanding and enhancing groundwater protection

We set a record in well drilling, surpassing our 265 well target by completing 303 wells; we also closed 280 wells that were no longer of service. The first of our two newly constructed groundwater treatment facilities is online and helped us set a record in groundwater treatment – more than 800 million gallons treated in a single year. When the last of CHPRC's new facilities come online they will increase Hanford's groundwater treatment capacity from 75 million gallons per month in FY11 to 150 million gallons a month in FY12.

Managing legacy waste and fuels

We exceeded our targets to ship 1,800 m³ mixed and low-level waste for treatment, repackage 850 m³ transuranic (TRU) waste for the Waste Isolation Pilot Plant, retrieve 50 m³ remote-handled TRU waste, and disposition 2,000 m³ contact-handled TRU waste; we are also retrieving 2,500 m³ of TRU waste from underground storage and shipped 217 TRUPACT-II shipments.

Reducing the cleanup footprint

We remediated more than 40 additional waste sites than planned for a total of 89 waste sites remediated across the site. We also removed more than 1,003 debris sites from the Hanford Reach National Monument, helping us exceed our cleanup footprint reduction goal.

As of September 15, 2011

Accelerating Cleanup



JEWS MEDIA CONTACT:

FOR IMMEDIATE RELEASE Tuesday, March 31, 2009

Energy Secretary Chu Announces \$6 Billion in Recovery Act Funding for Environmental Cleanup

New Funding Will Create Jobs and Accelerate Cleanup Efforts

VASHINGTON, DC - Energy Secretary Steven Chu today announced \$6 illion in new funding under the American Recovery and Reinvestment Act to iliion in new funding under the American Recovery and Reinvestment Act to ceelerate environmental cleanup work and create thousands of jobs across 12 tates. Projects identified for funding will focus on accelerating cleanup of soil nd groundwater, transportation and disposal of waste, and cleaning and emolishing former weapons complex facilities.

These investments will put Americans to work while cleaning up contamination on the cold war era," said Secretary Chu. "It reflects our commitment to future content of the commitment of the co on the cold war era, Sald Secretary Clid. It reflects our confidence retrieves as well as to help local economies get moving again."

hese projects and the new funding are managed by the Department's Office of nvironmental Management, which is responsible for the risk reduction and leanup of the environmental legacy from the nation's nuclear weapons rogram, one of the largest, most diverse and technically complex environmental regretaries in the world rograms in the world.

he states and DOE sites that will receive this funding include:

Washington (Total funding \$1.961 billion)



\$1.3 billion allocation announced

Mobilized ~200 modular units for new hires



announcement, we hit the job market and subcontractor community to build a workforce capable of delivering safe and efficient cleanup. Our team proudly supported the nation's Recovery Act goals to bolster the local, regional and national economy and provide long-term benefits.



U Plant Ancillary Facility Demolition A Department of Energy Recovery Act Project



ENERGY





Began block training for more than 400 D&D new hires





April 2009

Job fair welcomes 4,200 potential applicants

Leased 2 in-town offices

211-U/UA U Plant ancillary structures demolished



Maintaining Momentum



TRACKS

Began draining PFP process vacuum cooling system

Construction of Container Maintenance Facility under way

183KW Sedimentation Basin demolition begins



Protecting the Columbia River



Thirty-five years ago, an explosion left PFP's 242-Z facility highly contaminated. PFP workers began the

difficult task of entering the facility and removing some of the gloveboxes inside. To allow just 4 workers inside the facility, a support team of B are needed to control clean air supplies, decontamination, coordination and safety during the work.



212-NPR backfilling complete (29,000 sq. ft. of facilities)



100-DX equipment installation at 50% Demolition begins on upper ALE Reserve

April 2010

PFP defensive fighting and small guard stations ready for reuse Combustibles removed from 242-Z PFP facility



DOT 1924845

uture Site of the 200 West Area ump and Treat



"This was a safe demolition—a credit to how well the team planned and prepared this project. Taking down the stack clears the way for additional demolition work in the 100-K Area and forever changes the Hanford skyline." Tom Teynor, DOE Federal Project Director for the K Basin Closure Project



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K East Reactor Stack Taken Down

Funding Removes Large Hanford Landmark from Along Columbia River VD, WASH. – The U.S. Department of Energy (DOE) used \$420,000 in American and Reinvestment Act (Recovery Act) funds to safely bring down the K East Reactor's State.

ife demolition—a credit to how well the team planned and prepared this project of the K Basin Closure Project of the K Basin Closure Project. "Taking of the K Basin Closure Project." Taking of the K Basin Closure Project." Taking of the March Project.

shausi stack, the explosive demolition brought down heavy equipm neuss stack, the exprosive outnottion brought oown near nefuding counterweights and overhead cranes that had be contractor, CH2M HILL Ple







Truck removed by helicopter from Rattlesnake Mountain

116KE Reactor Stack demolished with explosives

15 PFP fuel storage vaults removed two years ahead of schedule



Goal Met

September 2010

125 pieces of equipment removed from U Canyon deck

PFP vehicle inspection station & access control facilities readied for demolition

Completed goal to ready 20 PFP structures for removal

Super Type-A waste shipments begin

Cleaning up Legacy Waste



The 200 West Groundwater Treatment Facility, to complete this year, will be Hanford's largest and greenest pump and treat

facility; the facility's Bio-Treatment
Building is designed to achieve Leadership for Energy and Environmental Design (LEED) certification.



"It has been the year of the most progress that we've had and some of the most phenomenal activities that have gone on. Work has started in the central plateau soil cleanup as well as all the protection of the Columbia River." Jane Hedges, Nuclear Waste Program Manager, Washington State Department of Ecology, in InSite January 2011

Achieved goal to demolished 18 outer zone facilities

Cleanup begins on North Slope

100th TRUPACT-II shipment leaves Hanford Site

October 2010

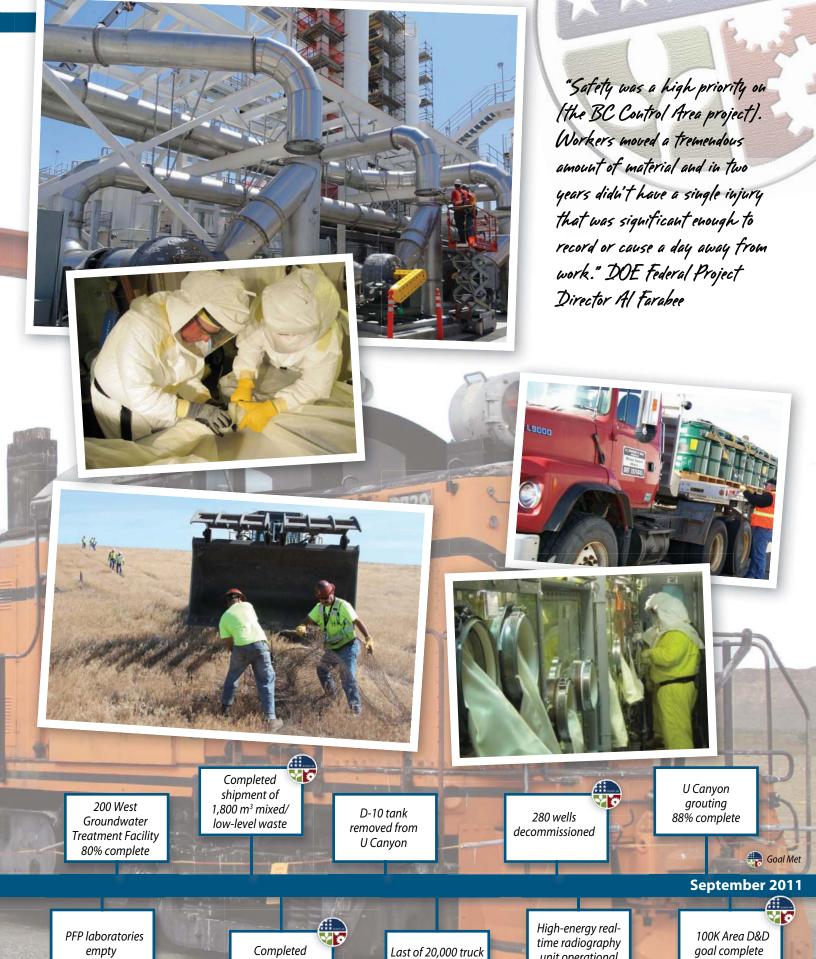
Achieved waste site remediation goal 183KW Sedimentation Basin demolition complete ALE Reserve cleanup complete (115 sq. mi.)

Construction of DX groundwater treatment facility complete



Demolishing Excess Facilities





loads leaves BC

Control Area

removal of

16 railcars

unit operational

Leaving a Legacy

In 2009, we went to work on "shovel ready" cleanup projects. Less than three years later in conjunction with Washington Closure Hanford we have expanded our work across the site and shrunk the active area of cleanup by approximately 54 percent, exceeding DOE's goal. Our projects spanned the Hanford Site – from Rattlesnake Mountain to the North Slope – expanding our working area by 280 percent. The work cleaned up contaminated facilities, waste sites and groundwater but more importantly it set the stage for cleanup yet to come.



Removing legacy waste and fuels reduces the onsite inventory of waste and fuels and facilitates DOE's effort to remove 90% of TRU waste from the DOE Complex



Accelerated demolition preparations will allow PFP and U Canyon to be demolished ahead of schedule



New wells and groundwater treatment facilities will expand Hanford groundwater treatment capabilities for years to come



Removing excess and ancillary facilities that are no longer of service reduces future surveillance and maintenance costs



Removing buildings and debris sites and remediating waste sites significantly reduces the active area of cleanup, including the area of cleanup around the K East and K West reactors

Hanford Site

- Footprint reduction
- Remaining footprint

Unprecedented. Unparalleled. Unbelievable.



From day one of the stimulus funds, we have been documenting your accomplishments to maintain transparency to DOE and the public of how the funding was changing lives and the state of cleanup at the Hanford Site. Every week, month, quarter — we have been proud to show off your high quality and safe performance. We invite you to see for yourself just how much of a difference you've made on this project.

- Weekly reports from 2009-2011 are available at www.hanford.gov/recovery
- See progress from across the DOE complex at http://www.em.doe.gov/emrecovery
- You've seen our video team in the field and now their footage is on the web at www.youtube.com/hanfordplateau
- For more photos, videos and newsletters, visit www.plateauremediation.hanford.gov
- Don't forget to 'Like' our local office on Facebook at www.facebook.com/hanfordsite
- Stay tuned at www.youtube.com/hanfordsite for future chapters of the Hanford Story.

Video Premiere

Watch the Recovery Act chapter of the Hanford Story!
A special edition DVD of the video and a printed issue of On The Plateau will be available to PRC employees later this month.

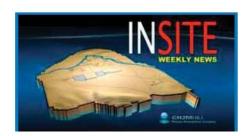
http://ow.ly/6uF5W







Thanks for your Environmental Cleanup Accomplishments!



Visit INSITE each week for the latest news about the work we are doing at the Hanford Site.



http://prc.rl.gov/rapidweb/ Communications/index. cfm?PageNum=88

On the Plateau is published monthly for CHPRC employees. Submit comments and contributions to CHPRC Communications at chprcc@rl.gov. Contributions are due by the 10th calendar day of the month prior to publication.

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800.541.1625 • 202.586.4073 (OIG Hotline numbers)

Visit www.ig.energy.gov/hotline.htm to learn more or call the Director of Internal Audit at 372.0779.

