

ON THE PLATEAU

Special Edition

2011

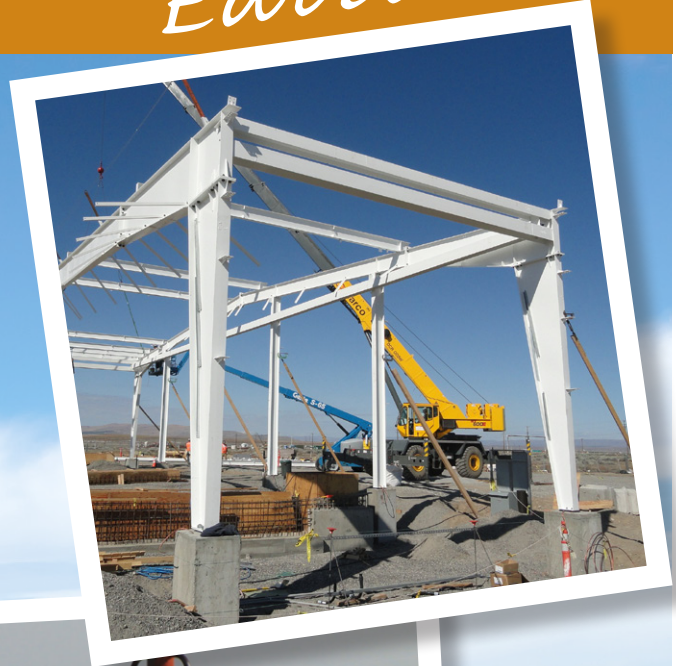
Focusing on the Future

A new year, a new look

Welcome to a new year and a new volume of On the Plateau!

This year is expected to be another big year on the CH2M HILL Plateau Remediation Company and this monthly newsletter will be there as always, delivering you the latest in project and employee accomplishments. This special edition brings you a message from all of CHPRC's senior management to set the stage for what comes next and CHPRC's goals and expectations for 2011.

CH2MHILL
Plateau Remediation Company



CH2M HILL PLATEAU REMEDIATION COMPANY



Welcome to 2011

John Lehew

Hopefully you've had a chance to see the [2010 End-of-Year video](#) we sent out on InSite highlighting your accomplishments across the site last year and you heard leaders from the Department of Energy (DOE) Richland Operations Office, Environmental Protection Agency and Department of Ecology praise the work you've been doing through scorching heat, wind and snow. Thank you for your dedication to cleaning up Hanford throughout 2010.

In 2011, doing the work safely continues to be our number one priority. We'll be looking at **improving our work control process** and how we **communicate our safety initiatives**. There will always be schedules driving the work, but we aim to work efficiently and will not sacrifice safety for production.

We will continue our mission in support of DOE's goals to shrink the site footprint, clean up the river corridor, protect the Columbia River, demolish the Plutonium Finishing Plant (PFP), remediate groundwater and dispose of legacy transuranic (TRU) waste.

We made huge progress this year cleaning up the Arid Lands Ecology Reserve and North Slope. In 2011, we'll continue to focus on **100K, the Sludge Treatment Project and the outer area of the Central Plateau**. We have some very challenging American Recovery and Reinvestment Act (Recovery Act) Key Performance Parameters (KPPs) to meet this year, like **PFP glovebox removal, TRU retrieval, and completing construction of the 200 West Groundwater Treatment Facility**. These marquee projects are essential for CHPRC and DOE success. In the pages that follow, each project Vice President shares their vision and goals for 2011 more specifically.

Hanford has a proud history, and the environmental remediation we're doing at the site is equally important to its legacy. We're doing world-class work in waste management, decommissioning and demolition (D&D), remediating the soil and protecting the groundwater. In the year ahead, take pride in your contribution to safely cleaning up Hanford.

“
We're doing world-class work in waste management, D&D, remediating the soil and protecting the groundwater. In the year ahead, take pride in your contribution to safely cleaning up Hanford.
”

BUSINESS SERVICES & PROJECT CONTROLS

Our
accomplishments
are staggering



Dan Cartmell

“

If we do these things, we will continue to demonstrate to our client and our stakeholders that we are the team of choice to perform this challenging environmental cleanup work.

”

As we move forward into 2011, I would like to take a moment to reflect on what our CHPRC team has achieved in a very short period; it speaks volumes about our capabilities. In October 2008, we were in high gear successfully transitioning to meet the needs of the largest environmental cleanup project in the nation. Six months later, we took high gear to a new level as we added nearly 2,000 new employees and began spending 1.3 billion Recovery Act dollars to accelerate environmental cleanup here at the Hanford Site. Our combined and personal accomplishments are staggering. We have so much to be proud of, so much to be thankful for.

Having said that, the challenges before us are great and the uncertainties may be somewhat unsettling. The best advice I can offer you is to stay focused on safely performing your jobs — not on what might happen tomorrow. We need to continue conducting our business activities with the highest integrity in conformance with laws, rules, regulations and CHPRC ethical business conduct policies. We need to remain positive and take advantage of opportunities when and if they present themselves. We need to look for system efficiencies, maximize existing resources, improve partnering relationships and implement technologies that set us up for success. If we do these things, we will continue to demonstrate to our client and our stakeholders that we are the team of choice to perform this challenging environmental cleanup work, and that will ensure our own personal victories.

ENVIRONMENTAL PROGRAM & STRATEGIC PLANNING



Moving environmental cleanup forward

Moses Jaraysi

It doesn't seem possible, but two years ago today there was no mutually accepted vision for the environmental cleanup of Hanford's Central Plateau. Developing and receiving approval for this important, one-of-a-kind strategy has not been an easy journey, but it has been a highly successful and rewarding one. "Outer Area" and "Inner Area" are now a part of nearly everyone's vernacular — and our strategic interactions with the regulatory agencies, the Tribal Nations, stakeholders, the Hanford Advisory Board and others have only served to increase our client's and our credibility among those valued voices.

We successfully incorporated Environmental Management System targets and objectives into our projects and organizations for 2011. Our efforts support DOE's "Green Government" initiatives and Sustainable Environmental Stewardship goals. Our actions are good for people and the environment.

We are proud to have led the effort to develop integrated operations between CHPRC and Washington Closure Hanford. It was the right thing to do. Because of our efforts, neither prime contractor is operating in a vacuum. Rather, we are working together toward one vision to move environmental cleanup forward in a responsible and compliant manner.

We've come a long way since October 2008, but we still have a long way to go before our contract ends. In the coming year, I challenge each and every one of you to safely implement the programs and strategies we have developed and maintain the momentum we have begun. We don't yet know what changes we will face this year; but we do know they must involve continued, healthy dialogue with our partners, including our Tri-Party principals, as we balance priorities and budgets. In that light, I wish all of you the very best 2011 has to offer.

**“
We are working
together toward
one vision to move
environmental
cleanup forward in
a responsible and
compliant manner.**

”

SAFETY, HEALTH, SECURITY & QUALITY

Improvement lies with all of us



Terry Vaughn

**“
My goal is for
each CHPRC
worker to go
home in the
condition
they arrived
... only safer.”**

”

“My goal is for each CHPRC worker to go home in the condition they arrived . . . only safer.”

It may seem like a cliché but I truly meant it when I stated this goal at the recent Safety, Health, Security and Quality (SHS&Q) year-end meeting. I would not be in this position if I did not believe in the safety of our workforce and the important role it plays in meeting our mission scope.

My vision for the 2011 SHS&Q program is steady progress in improving our safety as well as our health, security and quality programs. Our trends are good, but we have not reached our goal of Target Zero.

SHS&Q’s objective is to refine CHPRC’s program management and processes so they are as efficient and effective as possible and ensure our Integrated Safety Management System is fully compliant with our customer’s regulations, laws and directives.

The responsibility of improvement lies with all of us as individuals. We are accountable to the safety of each other, the public, the environment and ourselves. The role SHS&Q plays is to support the integration of safety, health, security and quality management in everything we do. We build the bridge between the customer and the worker that runs parallel with the progress of the project.

My personal commitment to the CHPRC team is to support improved safety programs and communications. Our team is working to form a strategic SHS&Q plan that focuses on integration of SHS&Q programs across the project and using worker feedback for improvements. We are working to find efficient ways to reduce the number of initiatives and speak with one unified voice. I believe a key element of our success will be through our Union Safety Representative Program; feedback from the field is imperative and the program fosters a strong partnership for moving forward.

Everything we do at Hanford relates to safety and I hope as you establish your New Year’s resolutions you consider making safety resolutions as well to support improving not only your personal safety but also continuous safety improvements in your work area.

HANFORD ATOMIC METAL TRADES COUNCIL (HAMTC)

We
share
the same
safety mission



Jill Molnaa

“

**Hanford workers
share skills
that no other
workforce could
ever have.
We work with
hazards that
can't be found
anywhere else.
Yet we do it
safely.**

”

Hanford holds a unique history defined by the spirit of a workforce who created it. That spirit still holds true today even though the mission of Hanford has changed.

We should be proud of what we've accomplished so far. Hanford's environmental cleanup effort is paving the way for many first-of-a-kind technologies and processes. We are also leading the nation in finding ways to do things safer because we have a highly experienced and dedicated workforce that participates in creating a safe work environment.

Hanford workers share skills that no other workforce could ever have. We work with hazards that can't be found anywhere else. Yet we do it safely. We have a questioning attitude, and we watch out for one another.

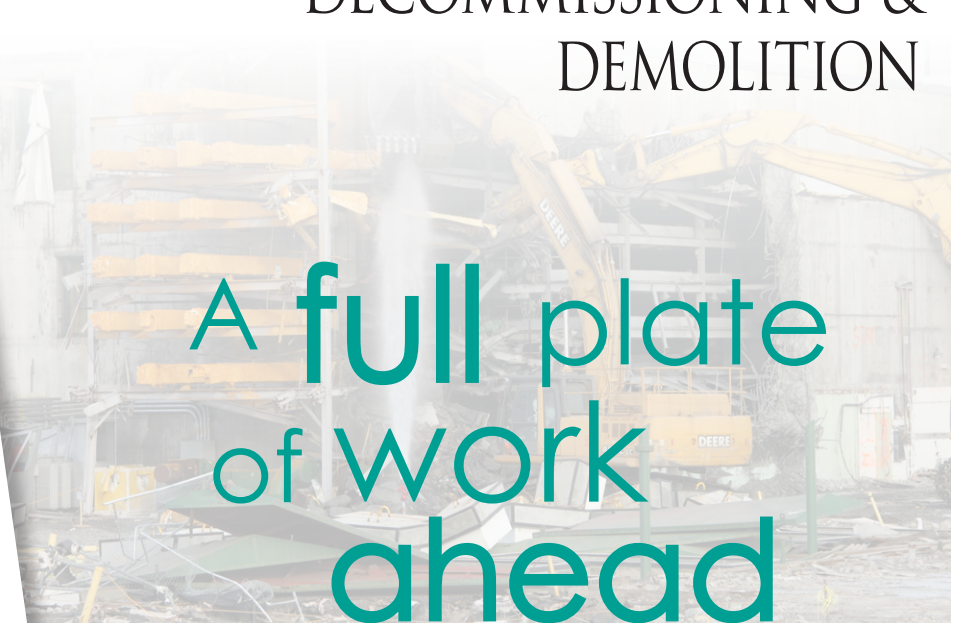
As a voice for this workforce, my goal for 2011 is to have the safest year ever. While many hazards are the same hazards we've faced for many years, we're now seeing new challenges as we tear down cold and dark facilities. These challenges require a cohesive approach to utilizing employee involvement in the field walk downs, Hazard Review Board meetings, to actually performing the work. This helps us ensure all the right controls are in place. We all play a very important role in getting the work done safely.

Hanford workers no doubt share the same safety mission – identify hazards, look out for one another, work safely and prevent accidents. We've committed to work together toward these safety goals.

Part of that commitment is participation in making Hanford a safer place to work. I hope your 2011 safety goals include more worker involvement in safety programs and in efforts to improve workplace safety and communicating, sharing information, giving warnings, reinforcing safe behavior and talking up safety.

Teamwork includes developing true partnerships, questioning attitudes and watching out for one another. Teamwork created Hanford — let teamwork continue to pave the way we clean it up!

DECOMMISSIONING & DEMOLITION



First, our congratulations to the Sludge Treatment Project, the 105KW Basin Operations Crew and all the support personnel who helped complete the K West Basin sludge sampling campaign in early January. It is a significant milestone with which to start the New Year. The work was completed ahead of schedule — and most importantly, without any injuries — and my hat is off to everyone involved.

We at the D&D project are also approaching another major milestone — completion of upgrades to the 100K Area infrastructure. These upgrades will allow us to move forward with a full plate of demolition work at 100K, including the seven remaining KPP buildings to be demolished during FY2011. Add the ongoing D&D work on the Central Plateau — demolishing the 209-E Criticality Mass Laboratory and the 284-E and 284-W Power Houses, getting U Canyon to “demo ready,” removing contaminated railcars and completing debris cleanup on North Slope — and it’s easy to see that we have a very full year ahead of us. In addition is the work we continue to perform every day in Surveillance and Maintenance, in a multitude of upcoming small demolition projects, and in the Sludge Treatment Project’s next campaigns.

Our challenge this year is not only to complete our FY2011 scope and continue our work into FY2012, but to complete it with an improved safety performance. The numbers show safety incidents occurring less often during our performance of work than at the times when we are most likely to lose focus: getting to and from the job site, to and from our cars, up and down the stairs. We must take care to watch for hazards, not only when they’re part of the job but also when we’re least expecting them.

Everyone here at D&D should be starting off the New Year with two resolutions — to complete our work and to complete each work day safely. There is no reason we can’t keep both.

“
Our challenge this year is not only to complete our FY2011 scope and continue our work into FY2012, but to complete it with an improved safety performance.
”

ENGINEERING, PROJECTS & CONSTRUCTION

Delivering project excellence



If I could talk directly with each of our Engineering, Projects and Construction (EPC) people every day, I would remind our staff and crew that:

- **We work safely.** Care for the safety of those you work with on the job and get home to the people who need and care for you.
- **We build our reputation for project excellence.** Be proud of your quality work. Do what it takes to improve project cost and schedule performance. Perform work with a personal quality that adds to your reputation for project delivery excellence.
- **We become known for client responsiveness.** Don't assume we know what our customers want and how they think. Actively ask questions and work to understand their interests and how our work achieves their goals.

How will we know if we are succeeding?

1. We provide safe, compliant, on-time and on-budget project delivery of DOE's milestones and all EPC-managed projects.

2. We realize across-the-board safety improvement that results in reduced total injury recordables, fewer lost work day incidents and zero vehicle accidents on site. This includes operating both heavy equipment and personal vehicles.
3. Our recycling leads to reduction of waste materials from our construction sites.
4. We reinforce confidence and preference of our CHPRC project customers (Waste & Fuels, D&D, Soil & Groundwater, and PFP) to call on EPC forces to deliver key projects and support services.
5. We show resilience in delivering consistent project excellence and stability through whatever funding fluctuations may arise.

When I look at what EPC is set to accomplish in the coming year, I'm confident we will look back on 2011 as a remarkable, precedent-setting year that establishes CHPRC as a leader in helping DOE achieve its 2015 vision. For our part, EPC will play a key role in supporting groundwater cleanup along the Columbia River, shrinking the site footprint and reducing overall lifecycle costs on site.

“ EPC will play a key role in supporting groundwater cleanup along the Columbia River, shrinking the site footprint, and reducing overall lifecycle costs on site. ”

PLUTONIUM FINISHING PLANT

Our team is
talented and
dedicated



“

**We have
more than
700 talented
employees
that bring new
ideas and
perspectives to
our work every
day . . .**

”

Thank you, and congratulations for all you accomplished in 2010. I am very proud to be a part of this safety conscious, dedicated project team. In 2011 we will continue to focus on improving our safety and conduct of operations performance while also achieving our decontamination and decommissioning goals. By the end of FY2011, we will meet our second and final KPP by accomplishing what we committed to do with the stimulus funds entrusted to us — prepare the PFP laboratory, process and vault areas for demolition by removing a total of 174 gloveboxes.

The significance of achieving this goal goes beyond fulfilling our promise, to fulfilling the intent of the Recovery Act of creating jobs while making additional progress on our mission.

In addition to meeting the KPP, planned activities for 2011 will bring the PFP project closer to “ready for demolition” status by:

- Removing 112 gloveboxes (26 already complete)
- Ready eight structures for demolition
- Completing and submitting our Tri-Party Agreement milestone required surveillance and maintenance for post-demolition plan a year early
- Continuing removal of process transfer lines, process vacuum lines and E-4 ductwork.

Our goals are significant, but our team is talented and dedicated. I have no doubt that we can safely meet these goals — we have already safely met all of our first quarter goals. At PFP we have more than 700 talented employees that bring new ideas and perspectives to our work every day and those people and ideas are why I have confidence in our team and our abilities.

I look forward to celebrating many successes with you this year.

SOIL & GROUNDWATER REMEDIATION

Let's
set our
sights high



“

When we look back on 2011, I believe we will say it was the year we put many of the final tools in place to remediate groundwater at Hanford.

”

When we look back on 2011, I believe we will say it was the year we put many of the final tools in place to remediate groundwater at Hanford. It is an enabling year where we will build on our accomplishments from 2010 and set ourselves up to complete 13 Tri-Party Agreement milestones in the first quarter of 2012; that's right, 13 milestones in three months! We will work together, everyone doing their part, to ensure we have the best chance to complete those milestones, close-out the Recovery Act KPPs and set ourselves up to stop chromium from entering the Columbia River by the end of 2012. We know we have the best mission on the site, so let's show everyone how it's done.

Our goals for FY2011 include:

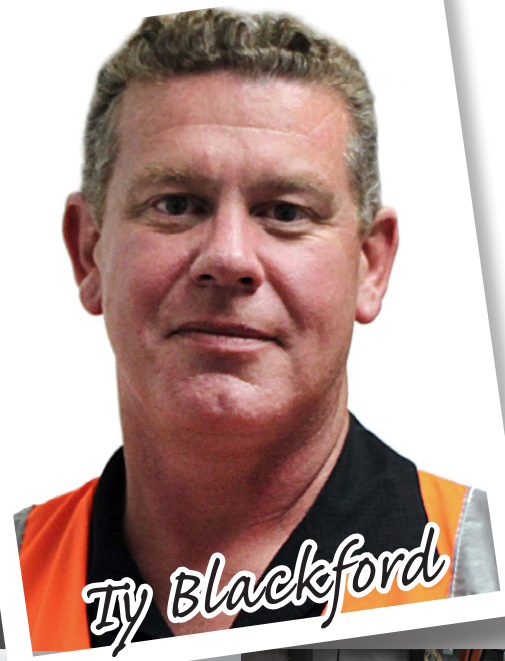
- Treat 700 million gallons of groundwater
- Complete operational testing of the new 100-DX Groundwater Treatment Facility
- Complete acceptance testing at the 200 West Groundwater Treatment Facility
- Complete construction on 100-HX Groundwater Treatment Facility
- Drill 123 Wells
- Decommission 175 wells
- Complete construction of the apatite permeable sequestration barrier in the 100-NR-2 Vadose Zone
- Complete phase 1 of Technetium-99 Soil Desiccation Test in the Deep Vadose Zone.

All of you will be an important component to the cleanup process. Our team is innovative — we consistently come up with ways of doing work more efficiently. For instance, the use of super dump trucks has saved us time and money. We are also taking the lead in this industry by researching ways to remediate contamination in the Deep Vadose Zone when there is currently no effective way to do it. We will also treat millions of gallons of contaminated groundwater and remediate thousands of tons of soil among other things.

Team, let's set our sights high, most importantly on safety. Let it be an underlying thought day and night and let's do our part to make FY2011 a success.

WASTE & FUELS MANAGEMENT

Prepared to face the challenges



Environmental cleanup here at the Hanford Site comes with a lot of waste — mixed and low-level waste, buried waste, liquid waste, TRU waste, and the list goes on. This year will be no different.

In 2011, our Waste & Fuels Management Project (W&FMP) team will remain focused on providing the resources and operating the facilities necessary to safely and compliantly store, treat and dispose of waste across the CHPRC projects and the entire Hanford Site. We have been able to pilot programs and first-of-a-kind processes to facilitate waste disposition that will help save the taxpayer money and accelerate cleanup, and I am confident that our workers are prepared to face the challenges that lie ahead.

This year's goals include:

- Complete retrieval of 2,500 cubic meters of TRU waste.
- Complete disposition of 637 cubic meters of large and remote-handled (RH) box waste.
- Complete shipment of 1,800 cubic meters of mixed and low-level waste for treatment and/or disposal.

- Continue TRU certification processes and shipping. This summer the project will include RH- TRU shipments, a task that will take the combined efforts of CHPRC, DOE Richland Operations Office, the Central Characterization Project and the DOE Carlsbad Field Office.
- Prepare T Plant to receive sludge waste in FY12.
- Maintain our processes and systems to support groundwater cleanup, site water treatment needs and the ability to manage nuclear fuels and materials.

One thing that won't change as we move forward into 2011 is safety. Safety must come first for our projects to be successful. I encourage you to become or remain an active participant in our safety culture to ensure we get this work done in the safest, most efficient way possible. The work we are doing is important not only to the Hanford Site but to the overall DOE Environmental Management program and its goal to shrink the site cleanup footprint and complete the disposition of 90 percent of legacy TRU waste by the year 2015.

“ The work we are doing is important not only to the Hanford Site but to the overall DOE Environmental Management program. ”

Events on the Plateau



JANUARY						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

FEBRUARY						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

MARCH						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

<input type="checkbox"/>	Hanford Day Off
<input checked="" type="checkbox"/>	Activity, event or deadline
<input type="checkbox"/>	Holiday

Site-wide exercise challenge

Jan. 10-Mar. 3

Visit <http://www.hanford.gov/amh/> for more information or sign up at <http://www.amhchallengetracker.com>.

Heroes & Villains Bowl 2011

15th Annual Junior Achievement Bowling Classic

Feb. 28 – March 5, 2011

Spare Time Lanes & Café

Register online at <http://tri-cities.ja.org> or contact CHPRC coordinator andre_l_armstrong@rl.gov, Phone: 376-6773.

PMI Project Management Professional certification prep class

Register at www.crb-pmi.org, \$900 members, \$950 non-members

Mar. 9-11

7:30am-5 pm

Hampton Inn, Richland, WA

Mid-Columbia Leadership Development Association (MCLDA), National Management Association

Now-Mar. 15

Nominate a senior executive for the Executive of the Year award.

Contact MCLDA Member Relations Vice President at tpg1@clearwire.net to obtain a nomination form.