

Mission Support Alliance Streamline

Issue 21, August 2011



L to R: Todd Beyers, vice president of MSA Human Resources; Ryan Breitenfeldt; Sydney Dale; Chris Cecil; Kayla MacDonald; Sydney Cjeka; Conor Palomarez; John Crigler; Kelsi Upton; and Trisha Watson. Not pictured: Thane Cope, Michelle Corrigan, Lindsay Crigler, Lauren Dickey, Sabrina Galaviz, Anthony Galaviz, Jr., Acacia Jeppson, Nereyda Martinez, Saul Martinez, Alexandria Smith, Chantel Tietfort.

MSA awards \$20,000 in scholarships to employee dependents

At a reception held in their honor, the Mission Support Alliance (MSA) announced the recipients of its Employee Dependent Scholarships on July 27 at its headquarters in Richland, Wash. Over 30 employees, family members and students gathered to congratulate the scholarship winners.

Each of the 20 winning students received a \$1,000 scholarship to help fund their academic pursuits for the 2011-2012 school year at the accredited college or university of their choice. The Columbia Basin College Foundation, which also administers the scholarship funds for MSA, reviewed scholarship applications and selected applicants in accordance with MSA guidelines.

MSA's vice president of Human Resources, Todd Beyers, spoke during the reception and described MSA's desire to give back to the community. "MSA looks at every aspect—at any way—that we're able to help students in the community obtain certification, improve themselves, and in turn, improve the community."

"This makes me feel good to work for a company like MSA," gushed Jo Ann Fauvergue from MSA Business Operations and mother of scholarship winners John and Lindsay Crigler. "It shows that they are interested in our children's future and they support higher education dreams and goals."

At the end of the reception, Beyers expressed his gratitude to students and parents. "It's an honor to be part of your education going forward and enhancing your lives. Thank you, parents for what you do every single day. It's greatly appreciated." ■



(Left) Sydney Cjeka, scholarship recipient and daughter of MSA employee, Mark Cjeka and his wife, Cheryl.

"I would like to thank MSA for awarding me this scholarship," said Sydney Cjeka. Sydney is the daughter of MSA's Mark Cjeka. "Along with my parents' support, this award will help me pay for school at Gonzaga University and achieve my career goal of becoming a Physician's Assistant."

"Our family would like to thank MSA for their generous support of all these students," said Mark Cjeka, who works in Performance Reporting for MSA's Business Operations. "With the cost of education getting more expensive these scholarships truly help the students and the families." ■

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Streamline



Message from the President

Hanford workers, as a community, rose to the challenge of accelerating Hanford cleanup with the infusion of American Recovery and Reinvestment Act (ARRA) funding. With the end of that funding in sight, I would like to express my thanks to those workers who joined our ranks to accomplish this feat.

Now we are in a time of change. As the ARRA workforce ramps down, it is time for us to refocus our energies on moving forward in support of the clean-

up effort with diligence and dedication. It is easy to become distracted during times of change, and MSA leadership wants to reassure you of our commitment to safety and to creating a safe work environment for our employees and partners.

Let's work together to maintain a safe workplace. From the top down, I encourage all of you to keep focused on the safety culture we strive to create. Remember our VPP principles.

Reacquaint yourselves with your specific workplace safety plans. Worker safety is important for the DOE, for MSA leadership and, most importantly, for you. ■



J. Frank Armijo, President

Message from the Chief Operations Officer



Dave Ruscitto, Chief Operations Officer

A couple incident reports at other sites reminded me of the potential consequences of work in hazardous environments. Both involved work similar to what we routinely do at MSA. When

it comes to accident prevention, we must ask ourselves—are we good...or just lucky? Adding the element of assurance into safety is always a challenge, and it's hard to quantify the accidents/incidents our safety programs prevented. Just having a history of no recent accidents doesn't imply that we will remain safe.

The two events—one at Savannah River Site (SRS) and another at a DuPont chemical manufacturing facility in West Virginia—could have been avoided with proper safety mechanisms in place. The

SRS incident involved an employee who fell descending from a tele-tower onto a cement floor sustaining head and torso injuries. The incident at the DuPont plant involved a failure to maintain the integrity of a critical phosgene hose, leading to three serious accidents in a 33-hour period. One of the three injured at the chemical plant later died following his exposure to the phosgene, a gas best known for its former use in chemical weapons.

Both of these sites had great safety records; however, these incidents remind us that we are just one unsafe act away from a fatality. Unsafe events happen because of actions we take—or fail to take.

MSA employees are empowered to report safety and environmental concerns or ideas for improvement through avenues like safety logbooks, employee safety councils, and through Issue Identification Forms (IIF). MSA supports a strong safety culture and environmental stewardship as demonstrated through our VPP, ISMS

and EMS programs. I want every employee to feel comfortable stopping work whenever anything appears to be unsafe or environmentally unsound.

Our MSA HAMTC/HGU field surveillance team is an important part of determining the ongoing safety of our operations "on the ground." We evaluate items like lessons learned, worker feedback and field results monthly so we can monitor conditions and behaviors before incidents/events occur. This allows us to identify potential trends early, before workers are seriously hurt. We present the monthly analysis results to MSA senior managers and to DOE using our Contractor Assurance System.

Your support and involvement in MSA's safety and environmental programs is vital to our success. Still, having analysis data by itself will not prevent an unsafe act. Each of us must always be on our guard against unsafe acts that our co-workers or we may be performing.

Stay vigilant, and stay safe! ■

Streamline



This photo was taken from 222-S in the 200W Area looking south towards Rattlesnake Mountain.

MSA adds Meteorology Climatology to its list of site services

Since December 1944, folks working on the Hanford Site have been collecting climate data. Now, like then, that data plays a key role in helping supervisors determine what weather-related restrictions might be placed on work at the site or what special precautions site personnel may have to take when getting to the job.

MSA recently assumed management of the DOE's Public Safety and Resource Protection (PSRP) program from the Pacific Northwest National Laboratory in May. As part of the PSRP program, MSA now provides the same weather forecasting and tracking functions that started in the 1940s, but with the latest technological tools.

Ken Burk, an engineer with MSA's Meteorology and Climatology Services (MCS), says he has a great deal of admiration for what those early meteorolo-

gists accomplished using only pen and paper. "We still consult some of the data they collected in the early days of the site to build our forecasts and weather monitoring," he said. "They never missed a day, despite extreme temperatures ranging from 30 degrees below zero to 113 above. We still have those temperature swings to deal with, but, we now have remote monitoring stations and climate-controlled offices."

The MCS staff gathers continual information on Hanford's wind speeds, temperature, precipitation, relative humidity and dew point from instrumentation on 32 towers around the site—some as tall as 410 feet. The staff then provides that data in real time to the MCS Web site, to more than 3,000 e-mail recipients and to the Hanford Occurrence Notification Center, which

broadcasts the information on a public radio station.

One of the agency's most vital roles comes during the frequent wildfires the site observes during the long, dry fire season each summer. "Our ability to turn around the latest data on things like wind speed and humidity provide fire fighters the basis for their strategic planning on how they attack fires," said Burk.

Burk said knowing that his and the team's data and forecasts have saved projects time and money is one of the main rewards he gets from doing his job. "That and getting to go up on Rattlesnake Mountain a few times a year," he added.

The Meteorology and Climatology Services Web site can be found at: <http://www.hanford.gov/hms>. ■

Streamline



Are you committed to safety or compliant to safety?

By ROCKY SIMMONS, MSA HAMTC Safety Representative

How often do we really take the time to have the safety conversations we urgently need? Do you think one conversation a day about safety will cover everything you do in that day? How much safety conversation is too much or overbearing? I would like you to consider our safety awareness process.

Hanford Atomic Metals Trade Council

John Jeskey.....(509) 521-1613
Rocky Simmons(509) 308-0777
Bob Smith(509) 713-4647
Mike Stoner(509) 713-4513
Ken Gray(509) 531-0714
Curtis Henning(509) 713-4517
Steve Maiuri(509) 392-2547
Mike Fitzsimmons(509) 713-4491

Hanford Guard Union

Gordon Denman(509) 948-8722
Christopher Derrick.....(509) 430-0216
Jeff Rice(509) 528-9312

We recently kicked off this year's VPP Safety Awareness Campaign and provided you with some sample questions that remind each of us how we have participated, individually and as a group. The process of going through the safety campaign provides a 'real time' reminder of how we talk about safety 24/7. Sharing and listening to valuable stories about close calls and near misses on and off the job gives us opportunities to grow as a team. The process also lets us re-engage our thoughts about the good work we do in safety and our challenges from the past year. Think about the things you were discussing in your work groups a year ago—are you talking about the same things today or have you narrowed down the conversation because you talked about and fixed the issues?

Safety awareness is a constant for us here at Hanford—if we don't engage in the necessary safety conversations, we can wind up getting hurt. MSA safety reps take pride in the safety work that MSA employees use and exercise everyday on site. And, those efforts don't go unnoticed. MSA has recognized several employees with its recognition programs—as individuals, groups and teams.

I think we are not only compliant but we also are committed to safety too. Please take time to follow through with your safety campaign work – it helps remind us all of the importance of safety in our lives. ■



MSA/MSC Service Awards - August

35 Years

James A. Bower, Jr.
William S. Whitney
Bernard A. Woehle

30 Years

Scott M. Baker
Howard M. Bucci
Gary A. Carpenter
Clint O. Chadwick
Linda M. Dewitt
Robert D. Healis, Sr.
Lawrence D. Smith
Debbey D. Zyph

25 Years

Lynn M. Kelly

20 Years

Vincent P. Dragoo
Bruce D. Pittner

15 Years

Barbara A. Atkins
Cynthia L. Protsman
Jamie R. Roy
Edward G. Schwier

10 Years

Kevin E. Cunningham
James A. Ireland

5 Years

Carter K. Kirk
Theresa C. Ruiz

1 Year

Jaclyn Leigh Arendell
Chad E. Beck
Jennifer L. Broadbent
Aaron R. Brooks
Billy L. Brown
Christopher R. Coleman
James B. Davis, Sr.
Theodore L. Davis
Edward J. Fine
Mitchell A. Giddens, III
Jimmie Hodge
John F. Hoffhines
Justin J. Hunt
Melinda M. Ihnen
Robert Erik Johnson
Kristopher Charles Jones

Scott E. Kennedy
David P. Kleinow
Christopher M. Morris
Mark J. Osborn
Douglas W. Raap
Jacob Mark Sandberg
Ryan P. Scellick
Jaren Leslie Scott
Robert Lee Spraker
Ronald G. Stallbaum
Calin Paul Tebay
Michael B. Wilson
David A. Worthington



Streamline



MSA employees receive honors from leadership organization

The Mid-Columbia Leadership Development Association (MCLDA) awarded several MSA employees major awards for their contributions to the organization and the community at their recent awards dinner.

MCLDA gave the Outstanding Team award to their Professional Development committee of Roni Swan, Andrea Prignano, Lana Strickling, Ed Schwier, and Jim Hamilton, for their efforts in providing a great professional development program for their members this year.

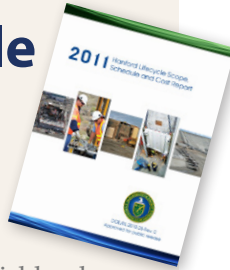
The local chapter also presented MSA's Karen Joost with the Outstanding New or Returning Member Award in recognition of her excellent support to the chapter, and the Leadership award to Karen McGinnis of HAMMER for her outstanding involvement and support to the MCLDA Chapter.

The MCLDA is the local chapter of the National Management Association whose goal is to help individuals develop leadership competencies and grow their interpersonal skills. ■



Karen Joost (center) receives MCLDA's Outstanding New or Returning Member Award in recognition of her excellent support to the Chapter. Also pictured (left) Lisa Hart, 2010-2011 MCLDA President and (right) Mary Davenport, 2011-2012 MCLDA President.

Portfolio Management produces first ever Hanford Lifecycle Report



MSA Portfolio Management (PFM) submitted the [2011 Hanford Lifecycle Scope, Cost and Schedule Report](#) (Lifecycle Report) to DOE Richland Operations Office in July, meeting a contract deliverable and related lifecycle planning case performance incentive.

"This is a significant success for both MSA Portfolio Management and DOE," said Frank Armijo, president and general manager of MSA.

A Tri-Party Agreement milestone requirement, the Lifecycle Report was adopted in October 2010 by DOE, the U.S. Environmental Protection Agency (EPA) and the Washington State Department of Ecology (Ecology). PFM will prepare the report on an annual basis. MSA, DOE, EPA and Ecology worked in partnership to develop the first-of-its-kind 2011 Lifecycle Report. PFM currently is developing the 2012 Lifecycle Report.

The Lifecycle Report includes work scope from both DOE's Richland Operations and Office of River Protection offices, and is the "go-to" scope, schedule and cost for all work required to complete the cleanup. The cleanup cost between 2011 and 2090 is estimated at \$115 billion. Annual cost estimates are provided by Project Baseline Summary and the report is organized into four components— River Corridor, Central Plateau, Tank Waste, and Mission Support.

"This is a powerful tool for management of the Hanford Site. I'd like to thank the PFM staff and External Affairs for their hard work in creating this report," said Erich Evered, MSA's vice president for PFM.

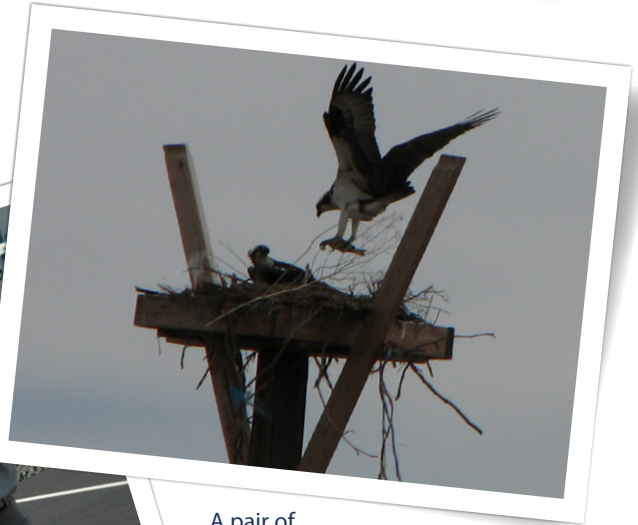
The Lifecycle Report also includes significant and original regulatory work, showing all Hanford decisions that have been made, and listing and describing all remaining cleanup decisions. ■

Streamline



Partnering to move the Mission Forward

WSI Board members got an update on patrol and fire facilities during their visit to Hanford in late July. WSI is a partner company of MSA, LLC, and are experts managing contracts for protective forces, fire and emergency services.



A pair of osprey at the 300 Area nesting platform were successful in hatching young (in mid-June). Monitoring migratory birds is just one piece of the new Public Safety and Resource Protection (PSRP) program MSA now is managing for DOE. Continuing to monitor nesting migratory birds on project equipment to ensure compliance to the Migratory Bird Treaty Act. Efforts to alert project staff to nesting bird activities and how to discourage the activity will continue.

MSA's Fleet Services team supports site contractors, including MSA, CHPRC, and WRPS with vehicle rental, inspection, and maintenance services. This truck and trailer are among the many pieces of rental equipment that the team regularly inspects and adjusts to ensure reliable equipment is available for work across the site.



In July, MSA Electrical Utilities prepared two old and out-of-service transformers from the 234-5Z and 324 buildings (one pole mount and one pad mount respectively), for disposal via Clean Harbors disposal contractor. Disposal preparation involved dielectric fluid sampling and testing (analysis), draining, documentation, verification and shipping.



Pedrito Maynard-Reid of the Walla Walla Rotary Club (left) thanks Bryan Foley, DOE-RL Deputy Federal Project Director, Central Plateau Soil and Groundwater Remediation Project, who spoke on behalf of the Hanford Speakers Bureau on June 23. MSA provides facilitation of the Hanford Speakers Bureau Program for DOE.

Streamline



Got water? Thank a Water & Sewer Utilities employee

By DEANNA SMITH, MSA Communications

When most of us turn on the faucet for a drink of water or flush the toilet, we have an expectation that water will flow. However, have you ever thought about how that water got there?

With a direct staff of two Supervisors, 16 Stationary Operating Engineers, seven teamsters, an Engineer and two Operations Specialists, several who are certified by the Washington State Department of Health (WDOH) in Water Treatment and Distribution, the Water & Sewer crew manages 17 facilities that provide direct support for water operations. Taking care of water needs for a 200-square mile size city, this group last year pumped approximately 350 million gallons of water from the Columbia River and treated 90 million gallons of that water to WDOH drinking water standards, making it potable and safe for all concerned.



283W Water Treatment Plant. It has a 3 million gallon potable water storage capacity and treats on average 250 thousand gallons a day.

They manage and operate two major Group A public water systems—one in 200 West and the other in 200 East. They manage 73 connections that service 3,000 people in 200 West and another 76 connections servicing 3,600 people in 200 East areas.

Water & Sewer Utilities not only handles all of the raw water that's pumped from the river and the treated potable water in the 200 Areas, but they also manage and maintain 26 miles of raw water piping to get the water from the river to the 200 Areas and another 27 miles of raw water distribution piping to satisfy customer demands within the 200 East and West Areas.

(see WATER—pg 10)

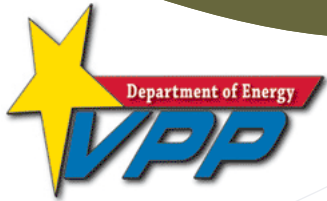


100 Area Sewage Lagoon. During ARRA, the lagoon received approximately 15-20 thousand gallons of raw sewage a day that supported 59 ARRA restroom/shower trailers on site. A new Sewage lagoon will be built in the near future to replace this aging one.



Karl Beazer, Operator for the 283W Water Treatment Plant checks out some readings on his monitor.

Streamline



Campaign underscores safety

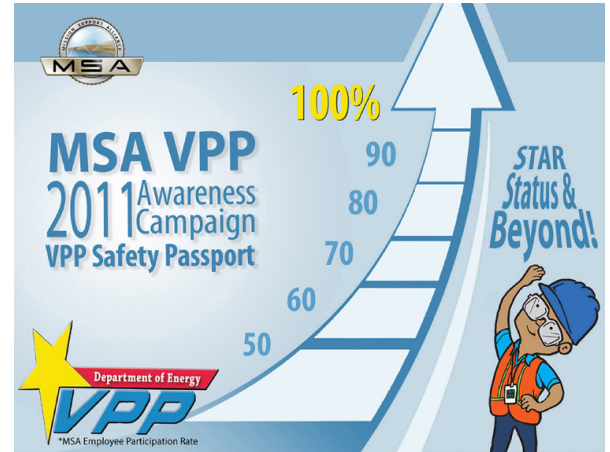
Due to the nature of the cleanup work and unique hazards on the Hanford Site, work safety is an important and ever-present topic. To help highlight this, MSA's Voluntary Protection Program (VPP) Core Team introduced a three-month awareness campaign in April called "Your Passport to Safety."

The two-stage campaign was a success with approximately 1,900 employees requesting awareness campaign materials, and at least 1,200 completing both stages.

Each stage of the campaign gave participants an opportunity to learn more about VPP and become a more active contributor to the site's safety culture. "A commendable result of the

campaign has been increased open communication about safety concerns, improved worker contribution to resolution of concerns, and emphasis of management commitment to safety of the worker," said RJ Debevec of Safety, Health & Quality. "Not only in words but in actions leading to more robust safety programs."

Although completion of stage two marked the end of the VPP Awareness Campaign, VPP remains a focus and priority. With employees having a wider knowledge of the program, VPP remains an important part of doing work safely.



After all, keeping programs like VPP in mind fosters a strong safety culture on the Hanford Site and helps ensure all of us make it home safely. ■

ISO 14001 Certification: *Understanding your environmental responsibilities*

Shortly after contract operations began in 2009, MSA successfully implemented an ISO 14001-based Environmental Management System (EMS) in just four months. We now are voluntarily pursuing certification to the ISO 14001 standard that provides elements for an effective EMS. This certification process involves an external Registrar who will audit the company to ensure we have effectively implemented the standard and are working toward meeting our environmental performance objectives. Like VPP Star status, ISO Certification recognizes excellence in the work we do.



Results from the preliminary Phase I audit held in July indicated that MSA is ready for the more comprehensive Phase II audit that takes place August 22-26. The Phase II audit will focus on implementation of our system and auditors will be interviewing a cross section of MSA managers and employees to ensure they understand their environmental responsibilities.

EMS kicked off a "Going for ISO 14001 Certification" campaign in June to help MSA workers and managers gain a better understanding of those responsibilities. Employees may

have noticed the green "Help Take EMS Above & Beyond" posters located in work areas.

Additionally, EMS has developed a "Going for ISO 14001 Certification" Web site that provides more information and features questions that an auditor may ask during the August audit. You are encouraged to review this material during your Safety Start meetings.

ISO 14001 Certification will help prove our commitment to environmental stewardship and increase stakeholder confidence with our environmental performance. Understanding your role in protecting the environment from operational hazards will help us take our Environmental Management System to the next level. ■

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Six Sigma Operating Excellence leading the way at Hanford

MSA's Operating Excellence (OE) team, in collaboration with Lockheed Martin (LM), is leading process improvement efforts on the Hanford Site. OE embraces the discipline, tools and principles for driving continuous improvement across Hanford. It focuses on company efforts that continuously enhance business processes and service for our customers.

The integration of 'lean' thinking and Six Sigma methodologies compel participants to change their paradigm of day-to-day routine work practices. Rather than think about what's always been done a certain way, the Lean Six Sigma process instead persuades participants to think about what can be done differently—to save time, reduce costs and improve results. Whether it involves a transaction or a manufacturing process, participants learn to achieve excellence through the relentless pursuit of finding better and smarter ways to work.

The OE team completed 16 Structured Improvement Activities (SIA) in FY10, and to-date, they have supported a total of 31 SIAs on the Hanford Site. So far, the results of the SIAs have led to potential cost savings and cost avoidances of about \$2 million for FY11.

Carrying on their efforts for the rest of FY11, the OE team continues supporting MSA, DOE and other customers with integrating process improvements into their business practices.



MSA employees, newly certified as Green Belts, L to R: Jenn Skinner, Krista Hughes, Amy Lemmons, Craig Maloney, Pam Hinton, David Weirich, and Terri Fookes. Not pictured: Elizabeth Lugo and Stephanie Searing.

OE teams are comprised of Black and Green Belts. Green Belts are trained in Six Sigma process improvement techniques for improving results. Green Belts usually lead smaller projects within their business unit or support portions of larger projects led by a more experienced Black Belt. Green Belts usually undertake process improvements in their specific functional areas.

MSA and LM would like to congratulate the following MSA employees who recently earned their Green Belt certifications: Terri Fookes; Pam Hinton; Krista Hughes; Amy Lemmons; Elizabeth Lugo; Craig Maloney; Stephanie Searing; Jenn Skinner; and David Weirich. ■



JOB FAIR

Friday, August 19
8:00am - 5:00pm • TRAC • Pasco, WA

To register, send your resume to
wscbhanford@esd.wa.gov

Meet directly with hiring companies

Contact Anne Raffetto at anne_m_raffetto@rl.gov
509.373.0290w - 208.890.1190c

Hosted by
CH2MHILL
Plateau Remediation Company

Streamline



One of the 25 million gallon river water storage reservoirs located on site. On average, the reservoir pumps to the Central Plateau areas anywhere from 250 thousand to 6 million gallons of water a day supporting evaporator efforts, construction activities like dust control, and water treatment and processing. The water is exported up to 30 miles by underground 1940s vintage pipes.

WATER—from pg 7

Management of another 27 miles of potable water piping ensures the delivery of safe drinking water is available to the customer's water faucets.

They also manage and operate the fire protection pumping and reserve fire protection water storage equipment on site. They maintain the 'no human intervention' pumps to ensure they automatically start to satisfy fire fighting flows and pressures on demand and when necessary.

Although CHPRC currently operates and maintains a water treatment plant in the 100K Area treating their own water, Water & Sewer Utilities supply them with the raw water they need in the 100K Area for their projects and their Water Treatment Plant. Water Utilities also manages the Hanford Site Cross Connection Control Program as well as the Hanford Site sampling program that ensures and validates a safe potable water supply is provided to the Hanford public. They do this through water compliance actions, sampling and maintaining the systems on site.

They also submit a Water Treatment Performance Report to WDOH on a monthly basis assuring Hanford's water is some of the most tested and cleanest in the state.

Supporting other construction projects and upgrades is another big job for the water utilities folks.

On average, they handle 2-3 million gallons of raw water for things such as dust control and support of the Evaporator project daily—sometimes up to 6 million gallons a day depending on the number of projects. ■



Sam Camp from Water & Sewer Utilities inspects a valve at one of the many valve stations located on site. Water Utilities supports approximately 200 square miles, or the size of a small city, with raw and potable water supporting projects and facilities.

Valve station in the 200 Area. Nearby solar panels power the valve actuators.

Streamline



MSA team triumphs over challenges on Rattlesnake Mountain

As a part of the ongoing cleanup and reduction of the Hanford Site footprint, MSA Electrical Utilities (EU) team collaborated with CHPRC to wrap up a project at Rattlesnake Mountain on the Arid Lands Ecology Reserve earlier this year.

Considering the team's area of expertise, EU linemen were tapped to remove abandoned power lines and about 70 wooden utility poles from the mountain. Although the linemen were prepared to remove the power lines, additional EU workers and teamsters joined the project to assist with the labor-intensive process of clearing the utility poles that once were part of Hanford's infrastructure.

At over 3,500 feet tall—200 feet higher than Snoqualmie Pass—and with recorded wind gusts in excess of 100 mph, Rattlesnake Mountain presented various challenges throughout the project.



Worker next to downed and chopped utility pole on Rattlesnake Mountain.

Blowing debris presented visibility and eye safety risks; rugged terrain affected mobility and made accessing portions of the unused power lines difficult; and ecological and cultural concerns on Rattlesnake Mountain limited work strategies.

(see RATTLESNAKE—pg 12)



CYBER SECURITY:

*Strong passwords
strategy to safe and
secure computing*

Passwords are a common form of authentication and often are the only barrier between you and your personal information. Using a strong password is one of the best ways you can protect your computer from hackers and other unwelcome users.

Most people pick passwords using personal information that's easy to remember—which also makes it easier for hackers to guess or "crack" them. Consider a four-digit PIN number. Is yours a combination of the month, day, or year of your birthday? How about the last four digits of your social security number? Your address or phone number? Think about how easy it is for hackers to get this information.

For password help, call the Mission Service Desk at 376-1234, visit the [MSA Guidelines for Good Password Security Practices](#), or check out the following links <http://www7.rl.gov/passwordhelp/> or [Password Analysis](#). ■

Here are some techniques you can use in helping to keep your information safe and secure:

- Don't use passwords based on personal information.
- Don't use words found in any dictionary or any language.
- Use a system to remember. One way is to choose the first letters of a sentence that you will remember. e.g., "I have 2 dogs called Rover and Fido" gives you lh2dcRaF.
- Mix letters, numbers and symbols, and use lower and uppercase letters.
- Don't make a password less than 6 to 8 characters.
- Use passphrases when you can and don't use the same password for everything.

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Hanford Fire Department: *Working to keep you safe*

The Hanford Fire Department (HFD) has highly trained and professional men and women whose job is to provide emergency fire, medical, hazardous materials and technical rescue response 24 hours a day, seven days a week.

These individuals are qualified to meet the requirements of what you'd normally see in a city fire department, as well as the unique specialities of a nuclear/industrial complex such as Hanford. Wildland fires and hazardous material incidents pose a large risk on the Hanford Site. As such, HFD

ensures its fire officers and firefighters are multi-disciplined and cross-trained to fill a variety of duties on site.

Currently the Hanford Site fire danger is **extreme**. And with about two months remaining in the summer fire season, the department is devoting all available resources to mitigating the risk of wildland fires here on site. A lot goes into reducing that threat. Among them are:

- Emergency responder training and qualification on equipment and apparatus operation.
- Fire "fuel" management. This includes such activities as prescribed burning, maintaining fire breaks and other forms of vegetation control.
- Maintaining fuel-free perimeters around facilities. A vegetation clear space of 30 feet is, typically maintained around buildings.
- Regular tours and inspections performed by HFD staff to help assure combustible materials are not accumulating or could hinder emergency access.
- Water supplies are maintained including those of high-capacity tankers.
- Rigorous control of "off-road" vehicle travel and preparation based on the measured Hanford Fire Danger at any given time.
- Notification process for "Red Flag Warnings" when fire danger is particularly extreme based on high wind, low humidity, lightning strikes, and/or very high temperatures. When one or more of these conditions warrant, the National Weather Service will declare a Red Flag Warning and all off-road vehicle activity is terminated.

For more on the HFD and its activities visit: [http://msc.rl.gov/ims/page.cfm/SafetySecurityEnvironment\(SSE\)/FireandEmergencyResponse](http://msc.rl.gov/ims/page.cfm/SafetySecurityEnvironment(SSE)/FireandEmergencyResponse). ■



HFD Battalion Chief Lonnie Clark (right) talks to WSI board members about different apparatus used in the department.

RATTLESNAKE—from pg 11

In overcoming worksite challenges, workers focused on efficient, creative, and cautious solutions such as bringing eyewash stations to the site and traveling on pre-existing trails when possible. Beyond improving safety and concentrating the team's efforts, these decisions helped minimize the

impact to this culturally important area.

The team also relied on inventive, yet old-fashioned techniques to accomplish tasks that would have otherwise been unsafe or impractical given the conditions. For example, workers adopted a bucket brigade-

style system to transport pole segments down the mountainside.

Thanks to the team's dedication to conscientious and safe work, MSA and CHPRC were able to move the mission forward without needlessly risking employee or environmental safety. ■

Streamline



Employees give Apparent Cause Analysis course a thumbs up! *Updated course now available at HAMMER*

MSA has approved the updated Apparent Cause Analysis course as one of two course type choices users must complete before they can enter causal information in the new Issue Identification Form (IIF) software. Revamped by Doug Price in MSA's Performance Assurance office, the course now integrates Human Performance Improvement (HPI) interview techniques and error precursors (Event/Initial Investigation and Critique Process) into the causal analysis process.

Several students have already taken the course and have given it glowing reviews.

"My recent attendance came at the perfect time," said Major Steve Meyer of Hanford Patrol Operations. "The course made the prospect of managing my issues far less intimidating. Great training—send your people; you'll be glad you did!"



Major Steve Meyer, Hanford Patrol.

"Class interaction makes all the difference in the world—it helped me gain some knowledge of how to conduct an Apparent Cause Analysis," said HAMMER's Emmitt Ray Jackson. "Instruction was A+."



Emmitt Jackson, HAMMER.

"The course enhanced my analytical ability and understanding of various Issues Management phases, from screening for significance through corrective action closure," said Ron Cavalier of MSA's corrective action management."

"Great class that blended perfectly with what I had previously learned in HPI," said Sarah Weir, of MSA Safety, Health and Quality."

Employees can sign up for the new course (#004219, Apparent Cause Analysis) by contacting their supervisor/training coordinator. ■

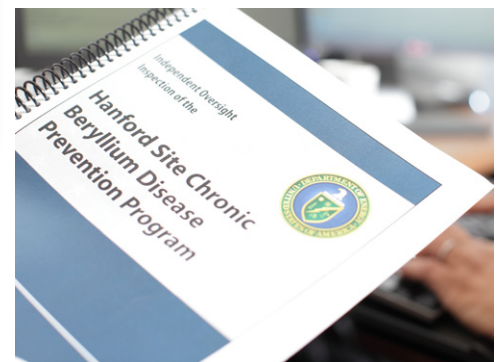
GOOD TO KNOW

To perform and enter casual information for low threshold deficiencies in IIF, the user must complete either:

- #004219, Apparant Cause Analysis and Corrective Action Plan Development
- or
- #170015, Root Cause Analysis Basics and
#170026, Root Cause Analysis Techniques

To respond to issues screened as significant, the user must have completed both the root cause courses listed above.

See MSC-PRO-052 for more info.



Hanford Site-wide Beryllium Program

For information on the Hanford Site-Wide Beryllium Program please go to <http://www.hanford.gov/page.cfm/Beryllium>, or call (509)539-3579.

Streamline



Upcoming HERO Events

Northern Quest Resort and Casino plus Spokane Shopping

September 16, 2011 **NEW!**

Seattle Seahawks vs. Atlanta Falcons

October 2, 2011 **NEW!**

Seattle Seahawks vs. Baltimore Ravens

November 13, 2012 **NEW!**

Ski White fish Montana

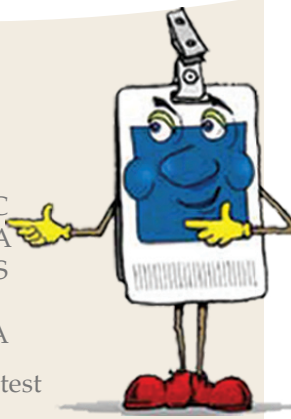
February 2 - 5, 2012 **NEW!**

The Hanford Employee Recreation Organization (HERO) is for employees working for Hanford contractors who contribute and fund the HERO budget. Only employees working for the MSA, Lockheed Martin, CHPRC, WRPS, Babcock and CSC Occupational Health Services are eligible to participate in HERO-sponsored events. Learn more about HERO and all the events you could be taking part in by visiting the HERO Web site at <http://msc.rl.gov/rapidweb/HERO/index.cfm?PageNum=1>.

Security Ed Challenge July winners

- Mary Curry - LMSI
- Pat Davis - FFS
- Kenneth McGavran - CHPRC
- Barbara Minton - MSA
- Ken Phillips - WRPS
- Gretchen Reeploeg - WRPS
- Jake Ritari - WRPS
- David Romine - CHPRC
- LaMont Schofield - MSA
- Colleen Smalley - WRPS
- Lori Smith - LMSI
- Stephanie Vinson - MSA

For more information, please go to Security Ed Challenge Contest on MSA's Safeguards and Security Web site.



August/September Calendar Items

- August 19 – WorkSource Job Fair
- August 22-26 – ISO 14001 Phase II Audit
- September 12-15 – ISM Champions Workshop
- September 21 – PZAC Meeting

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