

STREAMLINE

Spring 2017

Protecting
Hanford's IT
Infrastructure

Water
Treatment
Plant
Upgrades

Honors
Night
2017



**WINTER WEATHER DEMANDING
ON ROAD CREWS** < PAGE 23



This winter was, to say the least, unusual in storms, the amount of snowfall, days of ice and freezing rain, and below average temperatures. The weather caused roads to be slick and sidewalks to ice over, making travel a challenge at times. MSA employees stepped up, working to keep us safe, keeping long hours and travelling treacherous roads to accomplish their jobs.



Join me in giving a sincere “thank you” to our road crews, fire and patrol, Emergency Operations Center, paramedics, payroll and all essential personnel who couldn’t stay home when the weather turned bad. These hard-working teams worked early morning hours during record-breaking cold spells and navigated adverse road conditions to ensure the site was safe, our roads and walkways were clear and payroll was processed. Thank you for your efforts to provide these critical services that benefit the entire site.

This winter work is an excellent example of the importance of MSA’s role at Hanford. As the site integrator, MSA’s work is key to not only enabling cleanup work to continue, but also to keep the momentum going at Hanford. Our support of CH2M HILL Plateau Remediation Company’s (CHPRC) demolition of the Plutonium Finishing Plant (PFP) is no exception.

PFP has a long history supporting our nation’s nuclear age. It was, in its time, a cutting edge facility. Now, CHPRC is nearing the end of the decommissioning and demolition efforts of PFP.

As one of the most complex projects happening at Hanford, it is significant to our local community and to DOE as a key Hanford accomplishment. Many MSA employees provide support for this project, including heavy equipment operators, crane operators, teamsters, electricians, pipefitters and employees specializing in refrigeration services, fire maintenance systems and water and sewer systems.

MSA employees were responsible for helping turn the facility “cold, dark and dry” – by isolating and shutting off power and water sources. Working closely with CHPRC, our teams removed permanent power, provided temporary power and isolated water lines to safely provide services which enabled the continued demolition of the facility.

Thank you. As the Hanford Site integrator, we streamline services and find new and better ways to achieve results. Your efforts help DOE and the cleanup contractors be successful in their mission – which allows MSA continued success in ours. ■

Bill Johnson
President

STREAMLINE



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A CLOSER LOOK

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Please email your ideas, suggestions and specific news items for consideration to:

MSACSo@rl.gov or call (509) 376-0469.

SAFETY FIRST

VPP Updates

MSA has achieved many successes in safety. The biggest accomplishment has been improvement in worker safety and an increased safe work environment. This is evident in the low injury numbers and the continued efficiency in the safe completion of work. Success includes the open reporting of injuries and the use of stop work when required, as well as the increased participation in safety campaigns and recognition of employees.



= 4,175 TOTAL AWARDS

MSA continues to build a safe work environment through the efforts of employees, the focus of management and, more importantly, through the strengthening partnership between management and workers. MSA documented 4,175 safety and recognition awards in calendar year 2016. This doesn't reflect those positive emails of a job well done or the thank you given freely for recognition of personal gratitude. The continued increase of employee awards and recognition is a direct reflection of your dedication to safe work.

Your hard work culminates in the Voluntary Protection Program recognition of MSA Star sites, Mission Support Services, Safeguards & Security, and HAMMER.



Safety Awards | (January – March)

Presidents' Lifesaving Award

Tony Galaviz with Electrical Utilities, was recognized for his quick thinking and calming demeanor when he was notified an elderly neighbor had fallen in her home behind locked doors. Seeing the person through the window, Tony kept her calm while he called 911. Once the paramedics arrived, Tony was able to pass information to the paramedics to assess the situation.



Jennifer Goulet with Conduct of Training, was recognized for her efforts in saving the life of a man who was choking on his food. When Jennifer noticed the man turning red and putting his hands to his throat, she performed the Heimlich maneuver on him. The blockage was dislodged, and the man was able to breathe again.



Operating Experience & Lessons Learned

The OPEXSHARE website, which shares lessons learned and other safety-related information, has over 8,000 registered users. In 2016 the website had 15,000+ views and more than 8,000 downloads per month! Recently published information from Hanford includes:

- Water Treatment Plant Project Failure
- Worker Breathing Problems after Exposure to Filter Media Dust
- Light Pole Mast Falls – The Importance of Preventive Maintenance



To view OPEXSHARE, including best practices, lessons learned, just-in-time reports, product recalls, and safety bulletin alerts, visit the OPEXSHARE website at opexshare.doe.gov.

PZAC/All-Chair ZAC Calendar

The Presidents Zero Accident Council (PZAC) and the All-chair ZAC meetings are held at various locations on site each month. PZAC is open to all employees and the All-chair ZAC meetings are open to all EZAC chairs and co-chairs. Be sure to check your Outlook notice for specific times and locations or contact Terri Reyes for meeting details or questions.

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

○ = All-Chair ZAC □ = PZAC

All-Chair ZAC	PZAC
May 9	May 18
June 13	June 15
July 11	July 20

Note: PZAC meetings are typically scheduled on the third Thursday of each month; however are subject to change.



Did You Know?

Safety & Health Inspections

Did you know the higher the volume of inspections, the fewer the number of injuries and incidents occur on a worksite or in a facility? Currently, MSA requires formal quarterly inspections for all non-construction or demolition activities and weekly inspections for construction or demolition activities. A robust safety and health inspection program is designed to help employees identify and mitigate hazards. It also documents improvements and can identify trends and conditions that will allow us to take action before injuries to employees or damage to the environment may occur.

Who is Responsible for Conducting Inspections?

Everyone is responsible for assessing their work location(s) and ensuring a safe work environment. In addition, MSC-PRO-WP-7652, *Safety and Health Inspections*, requires routine inspections by the following individuals: building administrators, project safety professionals, organizational managers, inspection team leads, craft shop supervisors/foremen, field work supervisors, and construction managers.



VPP STAR STATUS



Through diligence and dedication of ALL employees, MSA has a strong safety culture. MSA will continue to increase awareness of ongoing opportunities for safety improvement initiatives.





2016 Kathryn A. Wheeler Safety Leadership Award

John Jeskey, the 2016 Kathryn A. Wheeler Safety Leadership Award winner.

MSA is proud to announce the recipient of the 2016 Kathryn A. Wheeler Safety Leadership Award – John Jeskey.

John leads MSA’s Hanford Atomic Metal Trades Council (HAMTC) safety representatives and has been a safety advocate at the Hanford Site for nearly 40 years.

John has been involved with the HAMTC Safety Representative Program since the start over 20 years ago. He has consistently led that effort and helped it become an award winning program. His commitment to safety has created injury-free realities for many workers at Hanford, and his leadership has encouraged workers to take safe practices home and share them throughout the community.

His dedication as a safety advocate is admired throughout MSA and across the Hanford Site.

The annual Kathryn A. Wheeler Safety Leadership Award recognizes a member of MSA who demonstrates support of safety through worker engagement and activities that are collaborative, cooperative and proactive. It highlights the importance of a safe work environment that is essential to a successful Hanford mission. The award honors Kathryn Wheeler and her dedication to safety. Kathryn was a long-time Hanford employee whose passion for safety and compassion for her co-workers embodied MSA’s safety culture principles. Kathryn passed away in 2012 and the award was established in her memory. ■



Hanford Patrol Going Above & Beyond

January was an icy month no doubt, but on January 17, ice was building up so quickly on some windshields, that our Hanford Patrolmen helped clear windows as workers came through the barricade. Thank you to Randy Stevenson and Brad Park of Hanford Patrol for keeping our employees safe! ■

DELIVER ON COMMITMENTS



MSA recognizes excellence in customer service is key to our success. MSA strives to listen to our customers, partner with them and respond with agility and purpose to meet their needs.



MSA Operating Excellence team members and Continuous Improvement liaisons attend Effective Facilitator workshop.

Operating Excellence Offers Facilitator Training

MSA's Operating Excellence organization sponsored a 3-day accredited training workshop called the Effective Facilitator, led by Leadership Strategies. The workshop provided the Operating Excellence core team and MSA continuous improvement liaisons the opportunity to refine and enhance their facilitation skills.

The training served as a road map for increasing effectiveness in meetings and modeled techniques of efficiently delivering facilitation with detailed, step-by-step strategies.

The course focused on group management skills. Participants learned how to:

- Implement tools and techniques which create a vision that motivates people to action, engage groups in developing solutions and generate ownership that leads to results.
- Get groups to focus, maintain energy, manage dysfunction, and develop and agree on workable, realistic plans or solutions to issues.
- Use a comprehensive approach, which included 10 principles and over 100 techniques that result in more productive, engaging, and successful workshops.



Attendees had the opportunity to practice facilitation and obtain performance feedback to ensure reinforcement of facilitation principles learned.

Participants developed plans for implementation of their new skill set which can be applied throughout their organizations and in facilitation of process improvement activities on the Hanford Site. Moving forward, facilitators will have a new, innovative and effective approach to motivate teams, build consensus and help achieve desired results. ■

"I found the training to be very value added; to train a group of folks whose role is to facilitate and have them taking mad notes about process improvement for our Operating Excellence program is a win-win. I'm an old dog and I learned new tricks."

MARNELLE SHERIFF



Protecting Hanford's IT Infrastructure

Thanks to the hard work and collaboration of MSA, DOE and other Hanford contractors, information security and data protection has been significantly enhanced at Hanford.

Last spring, DOE-RL asked MSA to accelerate portions of the Homeland Security Presidential Directive 12 (HSPD-12) in support of the Federal Multifactor Authentication (MFA) initiative. This initiative focused on increasing protection of Hanford's electronic information and infrastructure by implementing more secure processes that require Hanford Local Area Network (HLAN) users to use smart cards to access the network.

There are approximately 7,900 workers on site impacted by this change.

To meet the federal MFA requirement, a series of changes were put in place that effected HLAN users. One of the first

"I am very proud of the entire implementation team for staying the course to meet our commitments of keeping our information secure."

TODD ECKMAN, VICE PRESIDENT OF INFORMATION MANAGEMENT

required actions was for all Hanford workers with Personal Identity Verification (PIV) badges to use their PIV badge with a smart card reader to access the HLAN by Sept. 30, 2016. The next step was to ensure remaining personnel and non-PIV badge holders were issued a Logical Access Control System card in order to access the HLAN. As of Jan. 31, 2017 more than 6,100 Logical Access Control System (LACS) cards were issued to HLAN users.

Although MSA's Safeguards & Security and Information Management teams took on the bulk of the work, the initiative required assistance from other MSA organizations, DOE, and other Hanford contractors to achieve success. For example, the Project Controls and Finance teams assisted with funding and work authorization details, while the Contracts, Procurement and Warehouse teams expedited the processing of subcontracts, materials and equipment and, of course, all users had to show up to have their LACS card activated in a required face-to-face identity proofing activity.

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Even with the weather related delays and site closures, the team was able to meet their goals.

As project manager of this initiative, Kelly Butz knows the hard work and dedication the team endured to see the project through to completion. "It took commitment and personal sacrifice by many to go above and beyond their routine responsibilities while supporting our sometimes 'out of the norm' approach," said Butz. "We made it happen together."

"This was a great team effort that took literally every HLAN user's cooperation to be successful," said Todd Eckman, vice president of Information Management. "I am very proud of the entire implementation team for staying the course to meet our commitments of keeping our information secure." ■



ABOVE: The Information Management team enjoys a recognition lunch for their efforts.

PAGE 10, FAR LEFT: The Safeguards & Securities team issued over 6,100 Logical Access Control System cards to employees.

PAGE 10, BOTTOM RIGHT: Central Badging office team members.

Contractors Recognized for Purchase of Green/Sustainable Electronics



Chris Shannon with MSA's Information Management Business Office (second from right) attended the EPEAT Purchaser Award Ceremony in Arlington Virginia.

The Green Electronics Council awarded MSA, CH2M HILL Plateau Remediation Company, and Washington River Protection Solutions with the 2017 Electronic Product Environmental Assessment Tool (EPEAT) award. EPEAT is a method for consumers to evaluate the effect of a product on the environment and is based on a set of environmental performance criteria.

By purchasing IT equipment (computers, monitors, notebooks, fax machines, copiers, etc.) that meet EPEAT environmental criteria, a savings of 1 million kWh of electricity was obtained – enough to power 81 U.S. homes. Also a reduction of 176.8 metric tons of greenhouse gas emissions was realized – equivalent to removing 127 average U.S. cars off the road for one year and a lifetime cost savings of \$106,940. For more details on the award, go to: epeat.net/profile/mission-support-alliance-information-management-department-energy/.

"As the site integrator, we want to bring in products that are environmentally friendly, and energy and cost efficient," said Todd Eckman, MSA vice president for Information Management. "Our IT procurement team partnered with MSA, CH2M and WRPS to select appropriate products that help reduce our carbon footprint, reflecting the Hanford community's commitment to environmental awareness." ■



(Back row, left to right) Paul Gravelle, MSA Central Training manager, Brant Vondruska with Software Engineering Services, Libby Butler, training coordinator (front row, left to right) Steve Metzger, vice president for Training & Conduct of Operations, John Rider with Software Engineering Services, Patricia Thompson, training coordinator and Cindy Stroud, training coordinator.

New Electronic Training Reports Improve Efficiency

As an individual, keeping track of training classes, computer-based training, medical appointments, and whole body counts can be challenging. As a supervisor or manager of a working group, the task can be intimidating.

In certain cases, MSA training coordinators have provided assistance to some work groups by manually distributing employee schedule reports and sending them out twice per week. Generating and distributing these reports is very labor intensive, and the reports may not always reflect the current scheduling information.

Currently using the manual process, three coordinators are providing employee schedule reports for between 20 to 35 managers twice per week. With each of these managers averaging between 30 and 40 employees in their work groups, this effort can take up to six hours every week for each coordinator.

What if there was a way to automate these reports and have them readily available to every manager, supervisor and employee at MSA – and always updated with the most current schedule information?

MSA Central Training has been working with Information Management to develop an automated reporting process

that will provide organizational training reports and allow more time for training coordinators to focus on higher priority activities.

The new training report system uses an automated version of Crystal software to generate reports that are updated hourly and will be available through MSA's Training Web page. This provides a more efficient and accurate way for MSA managers and supervisors to receive the necessary training and schedule information for their organizations.

The new reports will provide information for each employee on scheduled classroom training, computer-based training status, physical appointments, dosimetry appointments and overdue training status. Having the ability to track their employees' status in real time helps ensure that employees are trained and qualified to go to work and perform the work safely.

Development of the system has been going well, and the system is scheduled to be launched near the end of April. Managers and supervisors can still rely on the help of training coordinators for any training report questions. ■

SITEWIDE INTEGRATION



MSA employees proudly serve DOE and partner with contractors in our Hanford Site integrator role. Through efficient service delivery, forecasting of cross-contractor needs, alignment and prioritization of resources and resolution for emerging site needs – we support and enable the cleanup mission.



300 Area Lighting

Late last year, Joe Caudill with MSA Electrical Utilities noticed a street light pole on the ground in the 300 Area. MSA personnel picked up the broken pieces to avoid a safety hazard, but then someone noticed another one on the ground a few days later.

The street lighting along Route 4 South near Pacific Northwest National Laboratory, illuminates the road for over 400,000 vehicles per year traveling to and from the Hanford Site.

The potential for additional street lights to fall was a safety concern. Joe reached out to a DOE oversight contact. DOE authorized MSA to inspect all the light poles along Route 4 South and remove any that showed signs of fatigued failure.

Our electrical linemen de-energized and locked out the electrical source serving the lights. Linemen performed visual inspections to the mast arms, main pole assemblies, welds and bolts for signs of fatigued failure. Of the 55 light poles, 23 were found to be structurally inadequate. These poles



TOP: Electrical Utilities Linemen Nate Case (bottom) and Dean McGuire (top) inspect lighting poles in the 300 Area.

LEFT: One of the fallen light mast arms from street lighting in the 300 Area.

had their mast arms removed to eliminate the possibility of falling. The cause of the failure is thought to be fatigue due to wind and service life.

The electrical utilities team began relocating other poles to provide lighting along Route 4 South until the lights can be permanently replaced. They also developed a lessons learned, which was placed into OPEXShare, that will help other DOE contractors across the country prevent similar issues at their sites. ■



Combustible Dust Training

When the dust of some materials is suspended in the air – in the right concentration and under certain conditions – that dust can become explosive. The force from such an explosion can be so strong it destroys buildings, causes secondary explosions and serious injury.

In the U.S. over the past 25 years, there have been 281 combustible dust incidents, leaving 119 workers dead and 718 injured. A wide variety of materials can produce combustible dust, ranging from metal to food. Identifying the potential hazards reduces the risk of further incidents.

In February, 28 state Occupational Safety and Health Administration (OSHA) representatives (including five from DOE and MSA) from Washington and Oregon gathered at the Volpentest HAMMER Federal Training Facility to receive the OSHA Training Institute (OTI) course on Combustible Dust Hazards and Controls.

“This was one of the most interesting, engaging and informative classes I've been to in a long time.”

**DAVID NEWMAN,
INDUSTRIAL HYGIENIST WITH
MSA SAFETY SUPPORT**

OTI courses, such as the Combustible Dust Hazards and Controls, are specifically designed for OSHA state and federal compliance or consultation officers who enforce the OSHA regulations.

Over three days, the course focused on the recognition, evaluation and control of combustible dust generated deflagration, other fire and explosion hazards that may exist at facilities. Attendees also learned what conditions create combustible dust hazards and what controls and mitigation measures can be used.

ABOVE: Corey Beacom, OSHA instructor, demonstrates how to measure the depth of dust layer – as this would be used to determine overall dust loading to evaluate potential hazardous conditions based on amount and distribution.



“This was one of the most interesting, engaging and informative classes I’ve been to in a long time,” said David Newman, industrial hygienist with MSA Safety Support. “While the subject matter was complex, it had a great balance of science, technology and compliance issues, and helped bring to light opportunities in my current work.” ■



Fleet Services Replaces Crane Tires

Fleet Services teamsters and father-son team Brett Bouche (left) and Paul Bouche (right) replaced the tires on an 80-ton rough terrain mobile crane, which is used to move around job sites with uneven surfaces. The job required a forklift to lift the tires, which weigh 1,500 pounds each. The job was completed on a Friday so there was no impact to crane and rigging’s support of cleanup work. ■



Snow & Ice Can't Stop the Disbursements Accounting Department

Site closures and delays meant most of us had unexpected time off this winter, but that wasn't the case for the Disbursements Accounting team. They braved the roads to get to work (regardless of the snow and ice) to make sure both employees and site vendors got paid on time.

This team of approximately 16 people is divided up into three groups: Accounts Payable, Treasury Services and Payroll. These three groups perform critical functions for MSA, CH2M HILL Plateau Remediation Company and Washington River Protection Solutions - ensuring bills are paid and payroll is processed for all employees.

"We came in no matter what the weather was doing," said Lori Chafe, manager of the Disbursements Accounting department. "If we don't come in, paychecks aren't run and bills aren't paid." Chafe estimates that approximately 5,600 employees are paid bi-weekly by her department.

Susan Erpenbeck, Payroll team lead, echoes the importance of the work her team performs. "As a group, we strive to ensure that all employees are paid correctly and on time. Everyone wants their paychecks!"

The site closures and delays presented a number of challenges, according to Chafe and Erpenbeck. One of the

biggest issues was missing or late timecards. Payroll is run every Monday, and if timecards aren't submitted on time that jeopardizes the process. In addition, people weren't easily available during delays and closures, making it difficult for the Disbursements Accounting department to troubleshoot and get questions answered.

For the most part, the positives outweigh the negatives for Chafe and Erpenbeck. When asked what she likes about her job, Erpenbeck replied "The same day never happens twice; every day is different." Erpenbeck has been working in payroll for almost 26 years.

"As a group, we strive to ensure that all employees are paid correctly and on time. Everyone wants their paychecks!"

**SUSAN ERPENBECK,
PAYROLL TEAM LEAD**

Chafe said the best part of her job is interacting with the employees. She goes on to say "I have a great crew, and they make it easy to come to work every day!" ■

ABOVE: (Back Row, left to right) Debbie Long, Lance Kraftenberg, Steve Pickering, Amber Washburn, Jillian Merk, Teri Parke, Kathy Reed (Center Row) Tami Lawyer, Gina Teel, Sarah Carlson, Daynna Coffey, Joyce Kowalewski, Melissa Valadez (Front Row) Ricky Churchman, Lori Chafe (not shown, Susan Erpenbeck, Sharon Powell).



An Exciting Winter for the Hanford Meteorological Station Team!

December, January and February gave us record cold and snow! This winter is ranked second with 69 days the Hanford Meteorological (MET) Station recorded at least 1 inch of snow on the ground, topped only by the 1992/1993 winter with 72 days. This winter also ranks 8th in total snowfall for the season, but was above normal for number of days of snowfall (normal of 21 days versus 36 days this season) and above normal for number of days with freezing rain (normal of 5 days versus 11 days this winter). MET station forecasters have been tracking the weather across the Hanford Site since 1944.

The forecast team, part of MSA's Public Safety and Resource Protection group, is currently made up of four meteorologists, including forecasters Perry Perrault, Matthew Eckhoff, Joshua Markel and data manager Grant Gutierrez. The team works around the clock to analyze data from our 29 meteorological towers to keep everyone on site up-to-date on current and forecasted weather conditions.

Located in the shadow of the 400 foot meteorological tower, between the 200 East and 200 West Areas, the MET station is a centralized location for the team of forecasters to gather and interpret data from across the site and the region to help ensure the safety of site workers. As data transmission and availability has improved, so have the capabilities of the MET station. These upgrades are beneficial since meteorological staff work with the Emergency Operations Center to provide accurate weather information when determining site delays and road closures.

Recent upgrades include a present weather sensor and a freezing rain sensor working together to allow the forecasters to remotely detect weather conditions along key travel routes on site, in an effort to minimize the number of accidents due to dangerous winter conditions – perfect timing for our recent harsh winter. ■

ABOVE: Hanford meteorologists (left to right) Mathew Eckhoff, Grant Gutierrez, Perry Perrault and Joshua Markel.



Export Water Line Replacements

MSA's Projects and Strategic Planning group recently completed two important infrastructure reliability improvements projects, replacing nearly five miles of export water line. With 12 line breaks in these sections and several leaks since 2009, the pipe, which is more than 70 years old, was in need of replacement. Completion of these projects has eliminated frequent and costly emergency repairs. In addition, new control, vent and drain valves provide better and more reliable operation of the export water system.

The export water system is managed by MSA's Water Utilities and provides the required raw service and fire protection water to all facilities in the 200 East and 200 West Areas. It is the source for

potable water on the Central Plateau.

In addition to being completed on schedule and under budget, these projects focus on safe execution of the work scope and minimizing impact to the environment. In particular, attention was given to areas of old growth sagebrush and subsequent impact to any biological communities. The projects' designs minimized the hazardous and non-hazardous waste generation and the use of hazardous materials during construction, operation and closure. At the completion of construction, all disturbed ground areas were revegetated with the natural shrubs, grasses and wildflowers to bring the region back to its natural state. ■



Construction manager Jason Tocco (far left) oversees subcontract construction employees installing the new water line.



Newly installed water lines are backfilled.



Electrical Footprint Reduction Continues in 100 N Area

As part of continued footprint reduction efforts, MSA's Electrical Utilities team recently removed a ¾-mile section of electrical line in the 100 N Area, including all hardware and poles. DOE worked for more than two years with the Tribes and the State Historical Preservation Society to receive approval for this project. Driven by a performance incentive, a considerable effort on behalf of MSA was required to support the environmental and ecological authorizations in these culturally sensitive areas. MSA's support included management planning, field walk-downs, waste disposal planning, material handling and training.

The work was safely completed in only eight days to the satisfaction of the oversight parties. With this task's completion, the land has been returned back to its original natural appearance and condition. All materials will be disposed of at the Environmental Restoration Disposal Facility.

Over the coming year, Electrical Utilities will work to remove an additional 11 miles of distribution line in the 100 Area and return these lands to their natural state. ■

PICTURED: This series of photos shows before, during and after the removal of electrical lines and poles in the 100 N Area.



Creating a Record of Hanford One Map at a Time



(Left to right) The Geospatial Information Management team – Chris Picken, Doug Fenske, Linda DeLorme, Dennis Rains, Mike Neer.

When you pull up the map on PopFon or need to create a map that shows all of the buildings in the 200 East Area, do you ever wonder where these maps came from? Chances are they were created by MSA’s Geospatial Information Management team. This group creates, stores, maintains, and manages maps that are critical to ongoing mission activities at Hanford. MSA’s four-person team handles map requests from DOE-RL, DOE-ORP and all of the contractors across the site.

“We have the ability to create customized maps using any geographic information,” said Doug Fenske, Geospatial Information Management team lead. “These maps can be

as specific as the user wants, including a map showing building ownership or the locations of old DOE ‘No Trespassing’ signs that need maintenance across the site.”

From 2012 through 2016, Geospatial Information Management played a key role in the conveyance of 1,641 acres of land to the Hanford Community Reuse Organization. This included production of approximately 500 maps, supporting radiological surveying tasks, and coordinating with the U.S. Bureau of Land Management.

The team maintains the Hanford Geographic Information System and its website, which includes the management of the Hanford interactive map system. Similar to Google Maps, this system allows users to zoom in or out on a map of the site, depending on their needs.

The team is also tasked with creating, updating and maintaining several standard maps for employees to use. A list of the pre-made maps can be found in the “Map Catalog” which is accessed from the Hanford Geographic Information System website. When an employee needs a custom map, the “Maps and Geographic Information” Service Catalog page is available for requesting the work. ■

If you have questions or additional mapping needs, contact Doug Fenske.

“We have the ability to create customized maps using any geographic information.”

**DOUG FENSKE,
GEOSPATIAL INFORMATION
MANAGEMENT TEAM LEAD**



Hanford Rail Line Used

For the first time since 2009, the rail line at Hanford was used. MSA was approached last summer by Energy Northwest, who needed the rail line to support a shipment of critical outage equipment. Because maintenance of the rail had been unfunded in 2011 due to non-use, MSA worked with DOE to get approval and funding. MSA and a subcontractor made several repairs to ensure the rail line and crossing arms were compliant with Federal Rail Administration requirements. The shipment was transported safely and smoothly. The rail line will be used again by Energy Northwest later this year when they remove an outdated piece of equipment which is being replaced. ■

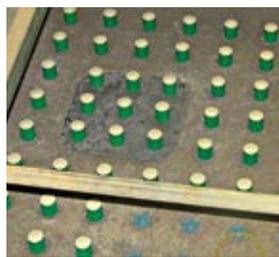


Bobby Morgan, a pipefitter with MSA Maintenance Services, is shown in the filter bed. Bobby was one of several pipefitters who worked on the job for installation of new media in filter bed 4.

Water Treatment Plant Upgrades Filter Media

The 283W Water Treatment Plant, located in the 200 West Area, provides all potable water for Hanford’s Central Plateau. A main component of the Water Treatment Plant’s filtration system is the filter beds. Like a Brita water filter, the filter beds contain fine and coarse sand (filter media) that water runs through to remove impurities. A study previously identified that this filter media, one of the most critical components of the water treatment process, had exceeded its design life and required replacement. Upgrading the Filter Bed Control System at the 283W Water Treatment Plant is no small task. The project will require installing new media in the four filter beds to efficiently produce high-quality potable water for use on the Hanford Site.

Unlike a Brita filter that fits in the palm of your hand, one filter bed is equivalent to the size of a living room and replacing the four filter beds, which contain hundreds of nozzles, requires strategic planning.



Water Treatment Plant filter bed.

This large of a project required expertise from Maintenance Services, Engineering, Motor Carrier Services, Crane & Rigging and Environmental, Safety & Health. Project L-830 will replace key



Mike Stong with the MSA Maintenance Services organization is checking the installation of the new media in filter bed 4.

valves for each of the four filter beds and install new electric valve operators to replace the current hydraulic operators, which have experienced failures and are no longer supported by the manufacturer. Once the project is complete, all four filter beds will be operating in the facility.

Three filter beds have now been replaced and the other one is scheduled for later this year. The success of this work is the result of great teamwork by the organizations supporting this activity. ■



New Service Catalog Unveiled

MSA's Service Catalog recently underwent a comprehensive redesign. Aligned with MSA's commitment to provide valuable and reliable customer service, the new catalog layout is more user friendly and visually appealing.

"We completely transformed the service catalog by listening to our customers and making necessary improvements," said Ralph Erath, project manager. "In order to make the catalog fit

their needs, we designed it in a way that aligned with some of the popular commercial retail websites like Amazon."

One of the major additions is a "Request Service" button, which simplifies the request process. New graphics and navigation also make it easier to find information users are looking for.

With the click of a button, users can quickly view the status of their current requests, view pending approvals and make suggestions for improvements to the catalog.



Although the catalog has a completely new look, the service delivery process remains unchanged. ■

If you have any questions on the updated Service Catalog, please contact Ralph Erath.

ABOVE: (Left to right) Susie Konen, Ralph Erath and Bill Booth (not pictured) Brant Vondruska.



Hanford Tour Season Kicks-Off

As the site integrator, MSA plays an important role in the Hanford tour program, supporting DOE-RL and DOE-ORP in coordinating Hanford Site tours for DOE officials, governmental leaders, special interest groups, the public and the media. ■

Online registration for the tour season is underway. For tour dates and other information on Hanford tours, please visit hanford.gov, under the "Outreach" tab.

Hanford Site Cleanup Tour

If you are interested in learning about current cleanup activities, sign up for the Hanford Site Cleanup Tour. Tour participants are guided through the Hanford Site by an experienced tour guide and have the opportunity to see first-hand some of Hanford's current environmental cleanup efforts and facility operations. There is no cost to participate in this tour.



Don Johnsen with MSA Motor Carrier picking up collected hard hats at various locations on site.

MSA Strives for Growth Sitewide in Environmental Awareness

As the Hanford Site’s integrator, MSA Environmental Integration Services (EIS) strives for continued growth in environmental awareness and commitment to sustainability. With the help of other Hanford contractors, the goal is to divert at least 50 percent of non-hazardous solid waste and 50 percent of construction and demolition materials from reaching the landfill. These standards were exceeded at 85 percent and 59 percent respectively, for fiscal year (FY) 2016, and include over 2,000 metric tons of construction materials. Waste diversion efforts include the reuse of asphalt from Route 4 North for structural foundations in road repair and the recycling of wood from power poles as fence posts.

The site’s non-hazardous solid waste recycling programs include plastic, cardboard, paper, wood, furniture, scrap metals, electronics, toner cartridges and tires. In FY 2016, the Hanford Site recycled 111 metric tons of materials that would have otherwise become regulated waste. The total of 1,284 metric tons of non-hazardous solid waste and regulated solid wastes combined, demonstrates the success of our recycling program.



Initiatives such as Recycling Awareness Month in November and Earth Month in April, greatly contribute to encouraging recycling efforts across the site. With the hard hat recycling program, Hanford Site workers are able to make an impact by donating expired or damaged hard hats that are then broken down and recycled as plastic at the Clayton Ward Recycling Center. Last year, 795 pounds of hard hats were collected – 440 pounds have already been collected for 2017. The EIS team communicates upcoming recycling events and activities through employee communications, flyers and presentations. Additional information can be found on the EIS Web page located under Environmental, Safety & Health and Sustainability and Pollution Prevention.

Employees are encouraged to participate in MSA’s recycling efforts and use residential recycling facilities such as the Franklin County Household Hazardous Waste Collection facility and the new Benton County facility coming in 2017. ■

This is roughly equivalent to 513 Chevy Tahoes, each weighing ~2.5 metric tons!





HAMMER Continues to Leave Lasting Impression on Visitors



In spite of adverse weather, Robert Martinez Jr., president of the International Association of Machinists and Aerospace Workers and his staff braved the elements and toured Volpentest HAMMER Federal Training Center (HAMMER) on January 18.

President Martinez, a former HAZWOPER trainer who worked out of the Machinists Health and Safety Training Consortium in the early 90s has held HAMMER in the highest regard. During his visit, he was very interested in hearing about the worker-trainer program and the expansion into other Hanford safety training programs, sitewide training programs and props.

The tour conveyed strong solidarity for HAMMER with local and international support for the HAMMER model. The partnership is built through local Labor leaders and worker-trainer endorsements and introductions to the international presidents. President Martinez regards HAMMER as a highly valued asset for his membership and is motivated to assist in fully leveraging the model for increased worker involvement, education and safety. ■

ABOVE: Robert Martinez Jr., president of the International Association of Machinists and Aerospace Workers and his staff visiting the Volpentest HAMMER Federal Training Center.

Winter Weather Demanding on Road Crews

The 2016-2017 winter brought record snowfall and extreme winter weather, including sleet and ice. This proved challenging for MSA's roads and grounds crews. Not only did the harsh weather cause several work delays and closures, but it meant unusually high demands for essential employees that work to keep the roads, parking lots and sidewalks safe and clear. Over the course of this winter, crews continuously plowed more than 360 lane miles on site, applied approximately 4,000 tons of sand and 60,000 gallons of liquid de-icer on the roads, and spread 50 tons of sand and ice melt on Hanford sidewalks and walkways. Thank you to everyone who worked hard to keep us safe on the roads this winter and year-round! ■



ABOVE: MSA employees load a plow/sander truck in order to treat Hanford Site roads.

LEFT: (Left to right) Danny Peite, Dan Record, Curt Cleveland, Eddie Perry and Mike Berney are a few of the many employees who worked to keep roads, parking lots and sidewalks clear this winter.



MSA Central Training & HAMMER Training

Until recently, MSA did not have an organization dedicated to the training of MSA personnel. The Volpentest HAMMER Federal Training Center (HAMMER), whose mission is to provide training for the Hanford Site and other government entities, has provided some support directly to MSA on an ad-hoc basis as urgent needs were identified, but there was no organization directly responsible for training within MSA. Last year, this all changed as MSA Central Training was formed to address this issue, and provide training and training support to all MSA organizations. HAMMER still provides the general health, safety and environmental training to the site (including MSA) as it always has. Understanding what support and resources each of these organizations provide is important. While both MSA Central Training and HAMMER share some of the same procedures, there are distinct differences between them.



MSA Central Training has the lead responsibility for MSA-specific training (Work Management, Engineering and Corrective Active Management training). This includes the development, implementation, and maintenance of training, training programs and training management systems specific to the needs of MSA organizations and personnel. The main objectives of MSA Central Training are to:

- Provide MSA-specific training and training programs using the Systematic Approach to Training process.
 - » *Qualification cards (e.g., field work supervisor, electrical utilities, water and sewer utilities), certifications and training plan updates.*
- Assist with MSA organizational training program evaluations and continuous improvement programs.
- Revise and maintain the MSA Quality & Training Plan and the MSA Central Training procedures.
- Define the MSA Central Training instructor qualification process and identify minimum instructional skills required.
- Provide student registration and classroom scheduling for MSA personnel.
- Provide MSA organizations training reports and resolution to training conflicts.

To initiate changes to existing MSA training or to request new training, please visit the MSA Central Training website and click on MSA Training Request Form.

HAMMER is a federal training center responsible for providing health, safety and environmental training programs across the Hanford Site. It also provides services to other DOE customers as well as other federal, state, and local agencies.

HAMMER may develop and implement other training as necessary, to provide workers with the skills and knowledge to perform new tasks and assignments in support of DOE initiatives for environmental restoration, or to improve worker efficiency and effectiveness. Some of HAMMER’s primary objectives towards the Hanford Site are to:

- Provide sitewide programs and program integration for standardized training.
 - » *Fall protection, Hanford General Employee Training, Respiratory and HAZWOPER training.*
- Manage HAMMER, which provides Hanford sitewide training services.
 - » *Maintain HAMMER’s campus (facilities/training props).*
- Revise and maintain sitewide standardized training program procedures and guides.
- Define the HAMMER instructor qualification process and identify minimum instructional skills required.

For more information, go to the HAMMER Training website, under Training & Conduct of Ops.

EMPLOYEE ENGAGEMENT



MSA strives to create compensation and employee engagement programs that foster the GROWTH of MSA as individuals. Our goals include ensuring that employees are valued and receive recognition for the quality of work they do.



HONORS NIGHT 2017

On the evening of February 24, 2017, Mission Support Alliance was proud to recognize the efforts of 24 outstanding performers and 7 teams with the 6th annual Honors Night, held at the Terra Blanca Winery. This event celebrates MSA employees who have shown excellence in safety, leadership, customer service and teamwork.

AWARDS

**Accepted on behalf of the team*



Delivering on Commitments

This award represents employees who show a strong sense of customer service. It is given to employees who demonstrate going above and beyond to understand and serve the customer's needs, consistently deliver quality products, and show diligence and follow-through to ensure that our customers are happy.

In Memoriam
Mike Humphreys

Individual Recipients
Mick Carlson
Morris Legler
Laurel Mo
Judy Pottmeyer

Terri Reyes
Meghann Simpkins
Brian Suyama
Rick Thompson
Anita Young

Refrigeration Equipment Services Team
Joseph Benenate
Christopher Coleman

Stephan Delaney
Clint Donley
Elizabeth Engelke
Doug Haberkorn
Brad Haines
Tod Herron
Travis Hinds
Tyler Holmeyer
Rachel Jewett
Anthony Koelling
Brian Miller

Jay Otte
Cody Parsons
Bruce Pritchard
Douglas Raap
Duane Raap*
Dennis Rettkowski
Sheldon Shattuck
Paul Sheehan
Christopher Snyder
Trampas Stubbs

Employer of Choice

This award represents employees who demonstrate leadership and actively offer ideas to make our company a great place to work. It is given to employees who contribute new and unique thoughts on how we do business, serve as mentors and helps others succeed, and actively seek new challenges and embrace growth opportunities.

Individual Recipients
Blake Christensen
Randy Coleman
Gerald Eaton
Jon Kon
Susan Nelson
Tom Nelson

Women's Synergy Network Team
Renee Brooks
Lori Chafe
Casey de Groof
Jessica Esparza
Maureen Gore
Jennifer Jahner
Debbie Kelley

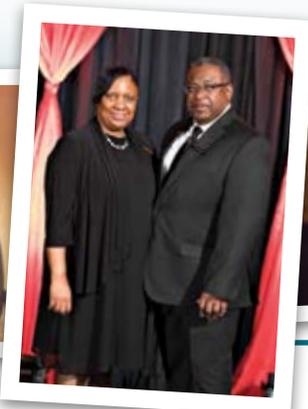
Julie Lindstrom*
Debbie Mariotti
Linda Meigs
Rae Moss
Brenda Patrick
Kelly Rae
Ann Shattuck*
Ashley Smith

Voluntary Protection Program

This award represents employees who show leadership and commitment to fostering MSA's safety culture. It is given to employees who consistently exhibit a commitment to safety, encourage co-workers and others to follow safety procedures, and have a positive attitude in support of our safety culture.

Individual Recipients
Bill Conn
Vince Leffler
Todd Ofsthun
Mike Pomrankey
Brad Victry
Larry Walker
Vince Zorich

HAMTC/HGU Safety Reps Team
Gordon Denman
Ken Gray
Rad Howard
John Jeskey*
Steve Maiuri
Jeff Rice*
Kevin Schoonover
Rocky Simmons





Site Integration

This award represents employees who demonstrate cross-contractor collaboration, and those that serve the overall cleanup mission. It is given to employees who demonstrate alignment and prioritization of resources, innovation and new ways of doing business. They are being recognized for collaboration and teamwork across multiple organizations.

Individual Recipients

Kelly Butz
Manuel Chavallo

Proximity Card Installation Team

Dave Ball
Kurt Barnett
Brian Dahl*
Rick Estes
Randy Phenneger
Greg Taranto
Steve Weidner

Tank Farms Teamster Support Team

Mike Kinnison*
Pat Price*
Beth Wright*

Water & Sewer Infrastructure Assessment Team

Stacey Callison
Ed Dodd
Yuriy Dubinets
Mark Hall
Margarita Kalieva
Brandon Lane
Debbie Meyers*
Elizabeth Newton
Ian Pierce
Heather Pina
Michael Quintana

Gerardo Rico
Kael Siemion
Gary Stevens
Marcie Uptegrove

Most Valuable Players

The Most Valuable Players are employees who embody MSA's core values found in all the awards combined – they are leaders, excellent team members, embody the importance of safety, and consistently deliver quality service to ensure the success of our mission. These are positive role models within MSA.

Information Technology Transition Team

Mario Amaro
Erik Anderson
Janean Beard*
Val Beaver
Justin Benoit
Diane Brown
Amber Burgett
Becky Calapristi
Stacey Carney
Marisol Avila Castillo
Carla Combs
Patrick Conrad
Neil Corrigan
Paul Felts
Kenny Ferguson
Keisha Garcia

Lisa Gerken
Teresa Grillo
Dan Gregory
Ali Hertzell
Debbi Isom
Amy Justice
Jason Lacher
Julie Lindstrom
Brian Mair
Jennifer Mickey
Jim Mitchell
Heidi Nelson
Claire Neville
Kelly Nite
Marlene Oaks
Chayne Oates*

Matthew Parker
Brandi Sawicki
Chris Shannon
Lacey Shelp
Marnelle Sheriff
Meghann Simpkins
Clark Stolle
Anel Suarez
Jordan Thompson
Ashley Ward
Amy Wells
Lynn Williams
Dana Worthington





Environmental Sitewide Permits, Policy and Reports staff

Making MSA Environmental the Organization of Choice

Finding the Flexibility

Over the last three years, the Sitewide Permits, Policy and Reports group has increased in size to meet client needs including MSA line organizations, other Hanford contractors and DOE-RL and ORP.

“The opportunity to hire and expand our services has allowed me to focus on what today’s staff wants in a workplace,” said Dru Butler, manager of Sitewide Permits, Policy and Reports. “My goal is to be competitive and to attract and retain the best, and I think we are getting there.”

Along with all of MSA, their workplace goal is to have highly skilled staff that value the contributions of all people and embraces their diversity. Maintaining high staff morale is also a specific objective of the team and leads to many positive work outcomes.

While competitive salaries are important, many candidates are equally concerned about maintaining an acceptable work/life balance. By finding flexibility within current MSA policies and procedures, new and incumbent staff are benefitting from:

- Flex and comp time options.
- Several available work schedules.
- Part-time options for some positions.

These flexible options are being successfully implemented with staff dedicated to meeting the team’s needs. Members of the group willingly deviate their flexible schedules when necessary to meet workplace needs.

“As a manager, my job is to listen to what my staff needs to be productive and successful. Something as small as a delayed start time or reduced hours for a period of time can make a real difference to our workers,” states Butler. Managers on the team are also willing to revisit options when employee or work demands change. ■

Synergy Network Hosts First “Table Talk”

MSA’s Synergy Network hosted their first “Table Talk” event this winter with two phenomenal speakers – Laura Morales and Peggy Vasquez. The talk-show style discussion focused on “Owning Your Worth” and covered topics such as communicating with confidence, networking and identifying both professional and personal opportunities for improvement. Some of the favorite tips shared that evening include:

- *The secret to networking is having conversation starters ready before you walk into the room. Use open ended questions and don’t be afraid to get yourself out of your comfort zone.*
- *Work/life balance is a personal equation and is different for every person. Try to have activity in all areas of your life (community, family, health, spirit, work, etc.)*
- *Challenge yourself – complacency is the enemy. Be ready to step outside of the box.*

RIGHT, TOP: René Brooks with MSA Communications (left) poses a question to guest speakers Laura Morales (center) and Peggy Vasquez (right).

RIGHT, BOTTOM: MSA employees learn about owning their worth at an evening talk with the Synergy Network.





Breakfast of Champions

On February 28, MSA held its 5th Breakfast of Champions recognition event to recognize exceptional employee performance across the company.

“The event is fun and a great way for people to start their day, with Bill and Bob flipping omelets for everyone,” said Dan Seitz, MSA human resources specialist. “People really have a great time, and it gives MSA management an avenue to recognize their employees while celebrating the success and achievements of employees throughout the company.”

“Planning the event takes a lot of work, but it’s worth it when you get to see the amazing things MSA employees do,” said Seitz. “The easiest part is getting people to participate. Participation from managers has increased 100 percent from the event’s inception in 2015.” ■

The awards have diverse criteria, the categories are spelled out in the word “Champions” below:



Bob Wilkinson and Bill Johnson prepare omelets for employees.

Customer Service
Honoring the Community
Attitude
Milestones/Deliverables
Process Improvement
Initiative
Outstanding Quality
New Ideas
Safety

Congratulations to these February 28 award winners!

Kevin Anderson – Public Works
Lori Araujo – Communications & External Affairs
Kadi Bence – Human Resources
Jill Berry (Team) – Information Management
Jason Brown – Independent Oversight
Dru Butler – Environmental, Safety & Health
Sam Camp – Public Works
Lori Chafe – Business Operations
Blake Chapman – Information Management
Jessica Chapman – Information Management
Curtis Cleveland – Site Services & Interface Management
Gerardo Cruz – Engineering
Clint Donley – Site Services & Interface Management
Rick Estes – Emergency Services
Tom Fitchett (Team) – Emergency Services
Paula Freeman – Business Operations
Darren Golladay – Environmental, Safety & Health
Steve Hamblin – Site Services & Interface Management
Gary Helberg – Emergency Services
Richard Herrera – Public Works
Mark Huff – Site Services & Interface Management
Randy Lee – Emergency Services
James Marquardt (Team) – Site Services & Interface Management
Heidi Nelson – Business Operations
Elanyse Ortega (Garza) – Public Works
Casey Overholser – Emergency Services
Craig Perkins – Environmental, Safety & Health
Dharmendra Rana – Engineering
Leslie Robinson (Ken) – Site Services & Interface Management
Justin Sieler (Team) – Emergency Services
Randy Stevenson – Emergency Services
Jarrod Szabo – Public Works
Lou Upton (Team) – Site Services & Interface Management
Maddy Vanisko – Information Management
Miguel Villa – Information Management
Jacob Walker (Team) – Emergency Services

Is It Newsworthy?

MSA's Communications team is responsible for news stories and social media postings for both DOE and MSA. Here are some tips to help determine if you should share a story or photo with MSA Communications. ■



News Release

Media Contact:
Rae Moss, MSA, (509) 378-5273, Rae_Moss@rl.gov
Holly Siler, 2nd Harvest, (509) 420-0933, holly.siler@2.harvest.org

For Immediate Release:
February 1, 2017

MISSION SUPPORT ALLIANCE PROVIDES SUPPORT TO SECOND HARVEST

RICHLAND, Wash. – Last week, Mission Support Alliance (MSA) announced a new partnership with Second Harvest to support childhood hunger relief as a sponsor of Second Harvest's Bite2Go program, which provides weekend food supplies for students. More than 30 MSA employees and family members spent a few hours of their own time sorting food for a school mobile food bank at Second Harvest. The team sorted almost 14,000 pounds of apples and potatoes, which will provide more than 11,000 meals.

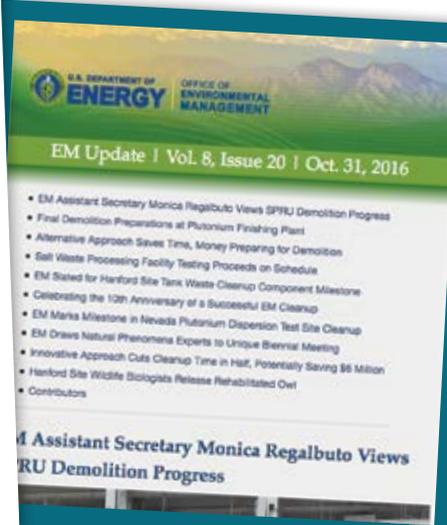
MSA Chief Operations Officer Bob Wilkinson helped with the food sort and said, "It was eye opening to learn about how many people in our region suffer from 'food insecurity,' but it was rewarding to know that we were making a difference. Through corporate donations and employee volunteerism, MSA is proud to be able to help make an impact and ensure that fewer children in the Tri-Cities go hungry."

###

NEWS RELEASES FOR LOCAL MEDIA OUTLETS

The hardest part about news releases is that we may think something is newsworthy but the local media may not. To increase the likelihood of our stories receiving media coverage, we want to send our releases in a timely manner. If it's something that happened two weeks ago, it's no longer news, it's information.

The media is very interested in Hanford cleanup and accountability, so we try to highlight milestones, completion of important projects and more. The work MSA employees perform is critical to allow cleanup to continue, so it's okay to brag a little when it's warranted.



DOE EM UPDATE

The DOE-EM Update is a comprehensive bi-monthly electronic newsletter that highlights the accomplishments, milestones and completions of projects from the various cleanup sites throughout the DOE complex. The newsletter is distributed to an audience of more than 54,000. If you have any accomplishments to include, we can help get those in the newsletter.



Hanford Site

Published by Patrick Conrad (?) · March 14 at 7:15am ·

Hanford workers are safely making good demolition progress outside and demolition preparations inside at the Plutonium Finishing Plant. https://www.youtube.com/watch?v=4EFBh6a3R_4

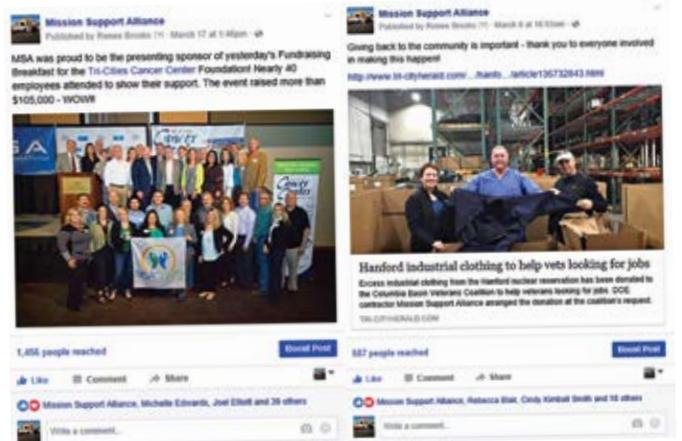
#TeardownTuesday CH2M #HanfordCleanup #columbiaRiver #environmentalcleanup City of Richland Government City of Pasco, WA City of Kennewick Government Hanford Challenge Columbia Riverkeeper Heart of America Northwest PSNation Confederated Tribes of Umatilla Indian Reservation Oregon Department of Energy Washington State Department of Health Washington Department of Ecology



PFP Power Isolation March 2017

Workers recently electrically isolated the Plutonium Finishing Plant's main processing facility - a key step in going "cold and dark" for the facility. This ...

YOUTUBE.COM



MSA SOCIAL MEDIA (FACEBOOK & LINKEDIN)

For MSA's social media, we tend to post our community-related events and kudos to employees for their accomplishments and activities. This is a great forum for giving a shout out to the great things you and your co-workers are doing.

On our LinkedIn account, we post this content, as well as job openings – work with your Human Resource representative to find out more.

If you don't follow these social media accounts, it's not too late! If you've got something newsworthy, contact Patrick Conrad or Reneé Brooks in Communications. We're here to help!

EMPLOYEE FOCUS : Meet Sean McFadden



Learning his way around cranes working with Lampson International, Sean McFadden joined MSA as part of our crane operators' organization. After eight years with MSA, Sean no longer operates the cranes, but he's responsible for making sure that MSA Crane & Rigging and the 23 in-service cranes can meet the needs of the other contractors.

His job can be challenging, working with multiple contractors with differing needs and schedules who sometimes all need cranes at the same time, but Sean stays on top of it, stating "We do a really good job of being able to support everyone's needs. We work hard and try to be as efficient as possible."

When Sean isn't at work, he's staying active with his wife and their 10 year old son. His family loves hockey – his son is playing his first year and Sean plays in an adult league. He's also passionate about home brewing and serves as an officer for a local brewing club. While Sean says he doesn't consider himself a runner, he certainly does a lot of running. He's completed the Badger Mountain Challenge, Bloomsday and several other races. Sean joins most MSA Cares-sponsored runs and has his family involved as well. He loves the missions of the charitable events and the feeling of being part of a community.

People who have the opportunity to work with Sean appreciate his positivity and work ethic. Site Services and Interface Management vice president PK Brockman says, "This guy is the real deal - he's a leader in the next generation of Hanford employees." ■

Sean and his wife Carly and son Jaxson were part of the MSA Cares team at last year's Run for Ribbons, for the Tri-Cities Cancer Center. They decorated their shirts in memory of loved ones who have battled cancer.



ABOVE: (Left to right) Joetta Rupert, executive director of the Columbia Basin Veterans Coalition, accepts the donation with the help of MSA employees Bill Spires and Patrick Weller.

Clothing Donated to Help Veterans

DOE-RL, with support from MSA, donated more than 150 pieces of excess clothing, valued at \$11,000, to the Columbia Basin Veterans Coalition, which requested the clothing to assist local veterans in finding civilian employment.

As the Hanford Site integrator, MSA processes excess property, including clothing, from Hanford's prime contractors and DOE offices. MSA employees from Compliance & Risk Mitigation and Property & Warehouse Management/Asset Control championed this effort to ensure this donation took place in a timely manner. ■



MSA employees (left to right) Mike Winkel, Bobby Bates, Bill Johnson and Bob Wilkinson join Boys & Girls Club local executive director Brian Ace (far right) in congratulating Alex Garcia (front) on being selected as our local Youth of the Year.

2017 Youth of the Year

MSA is proud to be the sponsor of the Youth of the Year program for the Boys & Girls Clubs of Benton and Franklin Counties. The Youth of the Year competition is the club's premier leadership and recognition program for teens. Participants receive leadership development training and coaching and then put their skills to the test through a competition which includes written essays, speeches and interviews. Several MSA employees had the opportunity to judge the competitions this year and were impressed with the skill and poise of these young individuals. This year's winner was Alex Garcia, a senior at Pasco High School and 13-year member of the Boys & Girls Clubs. ■

Tri-Cities Cancer Center Fundraising Breakfast

MSA has proudly sponsored the Tri-Cities Cancer Center Foundation's Fundraising breakfast since 2011. This year, nearly 40 MSA employees attended the event to help raise money for local cancer patients and their families. The event raised a record breaking \$105,000! ■



MSA engineers volunteered at the Engineers Week High School Friendly Competition. (Left to right) John Weidert, Calvin Anderson, Matt Parkhill, Brian Butler and Joe Popp (not pictured, Debbie Meyers).



Fourth graders at James McGee Elementary School tested their wind meters they made. The wind meters showed the students how anemometers can be used to measure wind speed.

Engineers Week

Hanford Engineers Week is a student outreach organization whose mission is to encourage students to pursue education and careers in engineering. During February and March, over 200 volunteers from MSA and the other Hanford contractors volunteered their time to bring fun, engineer-inspired activities (radioactive ping-pong balls, toothpick bridges and a building competition) to 50 schools while interacting with 10,000 students around the Tri-Cities! ■

Hanford Firefighters Participate in 26th Annual Stair Climb



ABOVE: Hanford firefighter Carl Tilton preparing to climb 69 floors of the Columbia Tower.

RIGHT: (Left to right) Hanford firefighters Carl Tilton, Dave Newman and Keith Johnson.



Each year, our firefighters join the fight against cancer by participating in the Leukemia and Lymphoma Society's largest annual fundraiser – the Scott Firefighter Stair Climb.

On Saturday, March 12, I-24 Local Hanford firefighters and the Benton City Fire Department, along with 2,000 fellow firefighters from around the world, climbed 69 floors of the Columbia Tower in Seattle, Wash. (in full uniform, air mask and tanks)! Even more impressive, our own Keith Johnson made the 69 floor trek a second time (in a single day) to show his support to Ben Wildman and Prosser's West Benton Fire and Rescue. Ben climbed the tower in honor of his recently deceased brother, firefighter James Wildman, who was killed in a car accident.

This year, Hanford firefighters and the Benton City Fire Department raised a total of \$8,583 for the fight against leukemia and lymphoma. The following individuals raised money and participated in the climb:

- » **Nic Augustavo (HFD)**
- » **Travis Disbrow (HFD)**
- » **Derek Holtman (HFD)**
- » **Kody Keaton (HFD)**
- » **David Newman (HFD)**
- » **Lucas Osborne (HFD)**
- » **Bill Reed (Benton City Fire)**
- » **Jacob Shay (HFD)**
- » **Carl Tilton (HFD)**

You don't have to wait for next year to donate! To continue the fight along with the Leukemia & Lymphoma Society, go to www.llswa.org, click on *Donate*, and type in any of the names above. ■



Junior Achievement Bowling Night

This year's Junior Achievement bowling night was extra special for MSA. On March 9, MSA took over all lanes for an exclusive MSA-only night of bowling with an additional 10 teams bowling on March 2. We had a total of 59 teams – breaking last year's record of 43 teams.

In total, MSA employees raised \$43,482, a 30 percent increase over last year's total – keeping the coveted trophy for another year! MSA's support of Junior Achievement continues to be outstanding and we are looking forward to next year! ■



Supporting Second Harvest

MSA is partnering with Second Harvest to support childhood hunger relief by sponsoring Second Harvest's Bite2Go program, which provides weekend food supplies for students. To celebrate this new outreach effort, MSA Cares organized volunteers on a Friday morning to sort food. Nearly 40 employees and family members sorted more than 13,000 pounds of potatoes and apples.



Second Harvest provides 2 million pounds of free food each month to fill nutritional gaps for people in need. MSA chose to sponsor the Bite2Go program to provide elementary school children nutritious food over



the weekend so they don't return to school on Monday hungry and unable to learn. ■

ABOVE: (Left to right) Juan Rodriguez, Debbie Besabella, Mike Winkel, Rafael Mendoza and Jeanette Rodriguez sort apples at the Second Harvest Warehouse. LEFT: Rachel Sifuentes (right) with Hanford Fire, brought her son Quentin to help.



MSA Staffing, Diversity & Development manager Julie Lindstrom, interviews a Delta High School student.

Mock Interviews for Delta High School Students

MSA Human Resource's Staffing, Diversity and Development recently supported Delta High School's Mock Interviews event for students in the Science, Technology, Engineering and Math (STEM) program. Staff met with high school juniors to conduct simulated interviews and provide feedback. The event prepares students for real-world scenarios in seeking internships and other employment opportunities. Our Staffing, Diversity and Development organization partners with Delta High School to help develop students and create a future pipeline of talent into the Hanford workforce. ■

Hanford Patrol Takes the Plunge for Special Olympics

On Jan. 21, some of MSA's most adventurous Hanford Patrol tackled the cold and took the plunge into the Columbia River in support of Washington's Special Olympics! They weren't alone - the Hanford Explorers and Captain Rudy Almeida volunteered at the event. The Polar Plunge is a fundraiser organized by law enforcement agencies across Washington. Anyone with a little courage and a giving heart can participate and embrace the cold to show their support for this worthy cause. ■



Members of Hanford patrol get ready to take the plunge!

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