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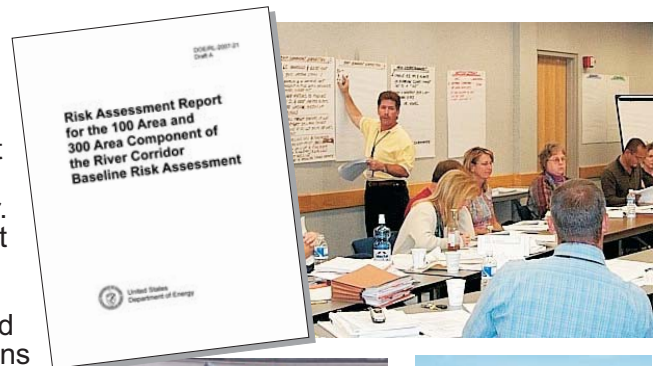
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MC Project meets TPA Milestone

The Mission Completion (MC) Project issued Draft A of the *Risk Assessment Report for the 100 Area and 300 Area Component of the River Corridor Baseline Risk Assessment* to DOE on June 14, for transmittal to the EPA and Washington State Department of Ecology on June 26, achieving TPA Milestone M-16-72 ahead of schedule. The draft will now undergo regulatory review through Sept. 7.

“The draft represents the culmination of diligent teamwork that has been underway since the project began,” said Jill Thomson, Risk Assessment manager. The risk assessment report was written by Washington Closure Hanford’s subcontractor, Neptune and Company. The report contains an assessment of whether Hanford cleanup efforts are sufficient to protect human health and the environment. The team has been at work on the project since October 2003, when it began developing the scope for the River Corridor Baseline Risk Assessment (RCBRA) and determining which areas would be sampled for the risk assessment.



“The assessment helps the Tri-Party agencies determine whether we have to perform additional cleanup and remediation,” Jill said.

The timely delivery of the draft is the result of teamwork and open communication with the DOE, regulatory agencies, Native American tribes, Hanford Natural Resource Trustees, Hanford Advisory Board and other stakeholders. The MC team held a total of 35 workshops to discuss work scope, sampling and analysis plans and risk characterization methodology.

The workshops invited feedback from the public, who contributed a range of interests and expertise regarding where and how sampling should be performed. A significant number of the issues raised in workshops were incorporated directly into the team’s reports. The collaborative approach helped the MC team develop a risk assessment that is technically sound, comprehensive and reflects the priorities of a range of interested parties.

Property Management offers surplus property services

In addition to tracking government property and managing the vehicle fleet and warehousing operation, Property Management is also responsible for providing the River Corridor Closure Project with a means to excess or redeploy surplus property. The team is available to help employees process excess property in a safe, responsible manner.

According to government and federal regulations, excess property is defined as any material that is no longer needed to perform or support a job or project. Employees, as owners or custodians of property, are responsible for notifying Property Management of the excess and arranging for its proper disposal. Some items may be redeployed on site, such as computers or other office equipment, while others may be declared excess to Washington Closure Hanford needs and processed through the Fluor Hanford (FH) Asset Disposition group.

Property Management's services and custodian requirements for government property are outlined in the Property Management Manual, BSC-2, and defined by the Code of Federal Regulations Part 102-36, Disposition of Excess Personal Property and the Federal Acquisition Regulations, Part 45, Government Property.

To be considered for the excess process, materials must be certified as being free of contamination, either by documented survey or process knowledge. The property must also be certified as being free of beryllium and go through a hazard evaluation. Materials meeting these requirements are candidates for excessing.

Property Management can also screen available excess material located throughout the DOE complex. Items located through screening can generally be transferred to Washington Closure for the cost of transportation only.

To assess the effectiveness of cleanup efforts, the MC team and subcontractor staff collected and evaluated thousands of plant, animal, soil, water and sediment samples. The team assessed potential health effects of exposures that might be received by unique populations such as Native Americans, rural residents, Hanford Reach National Monument workers, industrial/commercial workers and recreational users (hunters, fisherman and casual users).

This is the second milestone the MC team has met ahead of schedule. In October 2005, the team met its first milestone, M-16-70, ahead of schedule when it began sampling to support the 100 Area and 300 Area Component of the RCBRA.

D4 completes resin retrieval project

The D4 Project team and subcontractors North Wind Environmental and Polestar Applied Technologies finished removing resins at the 107N building and the wastes have been shipped to ERDF – marking the completion of the team's first medium-risk project. The project involved safely extracting, processing, transferring and treating 145 55-gallon drums of radioactive resin to meet ERDF Waste Acceptance Criteria for disposal.



Subcontract workers remove a specially designed lid from a grouted resin waste drum. Workers used an industrial mixer to mix concrete, fly ash and slag with resin and water according to their approved treatment plan for disposal at ERDF. The lid allowed workers to seal the drum and contain the waste in a safe and controlled manner.

The 107N building housed equipment that was used to treat basin water from the 105N facility. Resins were produced as the water was cooled, filtered and demineralized in ion exchange tanks. The team successfully removed the resin from two 1,350-gallon ion exchange tanks and one sluice tank. In completing the project, the team made about 1,000 container movements, transferred over 16 tons of material and completed the project with no recordable injuries or lost work days. Throughout the project, the team established upfront expectations, invited active worker involvement and provided feedback in a timely manner. In addition to its active communication, the team used lessons learned

from other DOE and commercial events to develop procedures and work packages. Once packages were prepared, the team performed offsite "cold" demonstrations to verify that the work could be done safely. Plan modifications were made before the final package was submitted. Once work practices were jointly defined, the subcontractors and RCTs completed extensive field training.

During the project, emphasis was placed on reducing radiological exposure from the ion exchangers. The team characterized the facility to identify "hot spots" and put lead shielding blankets in place. The team limited workers' time in hot areas and reconfigured work stations to reduce radiological exposure. They also reviewed the radiological conditions during each plan of the day meeting. The team's efforts reduced radiological exposure by about 45 percent.

This can be a useful tool prior to the purchase of new property.

On-site services for the processing of excess are provided by FH. The site-wide forms listed below are available through "Site Forms" (access to HLAN required) or from any Property Management representative.

- Declaration of Excess (A-6002-881)
- Declaration of Excess Continuation Sheet (A-6002-882)
- Declaration of Excess Instructions (A-6002-881i)
- Certificate of Scrap Metal for Recycling (A-6003-149)

The Property Management Points of Contact for the excess or redeployment of government property are Mike Kalinowski at 372-9129 or Rosa Christensen at 372-9468. If you, your group or project would like more information on these processes, please call Mike or Rosa to schedule an appointment.

Focus on fire safety

Fires are a serious summertime threat to our area, so be sure to enforce fire safety when you and your families head outside for barbecues and camping. Every year, according to the United States Fire Administration, cooking grills cause more than 6,000 fires, over 5 fatalities, 170 injuries and \$35 million in property loss; and gas grills cause over 2,700 fires, 80 injuries and \$11 million dollars damage. Don't let fire ruin your summer fun - remember the following fire safety advice:

- Never build fires where they can spread. Never grill in closed areas.
- Always have a bucket of water and/or a fire extinguisher nearby. Know how to operate the fire extinguisher properly.
- Do not wear loose clothing while using fires or barbecues.
- Stand several feet away from a lit, open flame.
- Always read the directions and warning labels.

New faces in the Washington Closure crowd

Washington Closure Hanford has welcomed another team of interns for a summer of hands-on work experience.

"Internships give students the opportunity to see what the corporate world is like and it helps them gain real-life work experience," said Carrie Locke, internship coordinator.

Washington Closure picks its interns from a pool of applicants provided by the Columbia Industries Intern program. Students are placed in positions aligned with their academic and career goals.

Information Technology intern **Jeff Larson**, information systems management graduate student at Brigham Young University, said he is looking forward to applying his skills outside of the classroom. "I have not previously had any real work experience with computers. It was all classroom knowledge and personal exploration," Jeff said.

The Information Technology department has also welcomed **Andrew Thackaberry**, computer science major from Washington State University (WSU), and **Craig Weidert**, who will be pursuing a computer science graduate degree at Simon Fraser University in the fall. "I like the experience because it's close to home and the people are friendly. I hope to come away with increased knowledge about both the subject material and the general workings of a large Hanford contractor," Craig said.

On the business side, **Maren Disney**, technical communication graduate student at Eastern Washington University (EWU), has returned for a second year to support communications. Project Controls has welcomed **Jared Hambrook**, business administration and finance major from Point Loma Nazarene University, and **Wade Richardson**, WSU

management and operations major. "I hope to gain an in-depth knowledge of how a business conducts accounting and financial management," Wade said.

In engineering, **Jared Frank**, WSU mechanical engineering major, is serving as an AutoCAD drafter and **Wes Adams**, WSU civil engineering junior, is supporting engineering efforts at ERDF. "This experience is keeping me excited about my career choice and giving me a lot to take back to school. I am learning a lot of what to expect after school is finished," Wes said.

Out in the field, the Environmental Protection team has welcomed **Cole Lindsey**, biology major at EWU. "In the field of wildlife biology and management it is very important to get practical experience in the field. The experience I am gaining as an intern will be very valuable when applying for other wildlife research positions," Cole said.



From left, Jeff Larson, Scott Caldwell (mentor), Andy Thackaberry, Sean Reffalt (mentor) and Craig Weidert discuss the Information Technology software library. Jeff, Andy and Sean are interns in the IT department.

- Supervise children around fire at all times. Be sure they know how to respond if there is an emergency.
- Be careful when using lighter fluid. Do not add fluid to an already lit fire because the flame can flashback up into the container and explode.
- If a fire does not light, do not stand over it to investigate it.
- Dispose of hot coals properly - douse them with plenty of water and stir them to ensure that the fire is out. Never place them in plastic, paper or wooden containers.

RCC employees enjoy picnic and prizes

River Corridor Closure Project employees were invited to the 2nd Annual River Corridor Employees' Association Picnic, July 14, at Howard Amon Park. The event featured family-oriented fun including children's games and live music from the local band MudShark. Employees in attendance were entered into a drawing for one of several prizes including gift certificates, iPods, local dinner packages and the grand vacation prize – a four-night Baja Mexico Royal Caribbean Cruise.



Comments or questions?

Please call Maren Disney at 539-4079

Or you may Email:
mvd Disney@wch-rcc.com

The interns bring unique interests and career goals to the Washington Closure workplace. **Matt James**, WSU mechanical engineering junior, has returned for a second year to support Project Integration, but his career goal is to pursue a master's degree in aerospace engineering. **Ben Cowin**, physics and astronomy major at the University of Washington, is supporting application development and database management while he ultimately hopes to become a research astronomer. "Astronomy as a science is becoming more and more dependent on databases, so my experience working with databases and developing applications will carry directly over into my career," Ben said.



Environmental Protection intern Cole Lindsey, senior in biology at Eastern Washington University, examines a sagebrush plant as part of an ecology review of revegetated areas near B and F reactors.

Most of the interns will work through August and some into September. The interns and mentors attended a reception July 31 to recognize the interns and their efforts in supporting Washington Closure as students and future professionals. The interns will also take a tour of B Reactor and the Hanford Site later this month.

Meet the interns . . .

The following is a roster of the interns, their year in school, degree, school and summer mentor.

Wes Adams, junior, Civil Engineering, WSU, Jeff Armatrout

Ben Cowin, senior, Physics and Astronomy, University of Washington, Sheri Harshberger

Maren Disney, graduate, Technical Communication, EWU, Lynette Bennett

Matthew James, junior, Mechanical Engineering, WSU, Jeb Blackburn

Jared Frank, junior, Mechanical Engineering, WSU, Buddy Bentz

Jared Hambrook, senior, Business Administration and Finance, Point Loma Nazarene University, Gene Stevens

Jeff Larson, graduate, Information Systems Management, Brigham Young University, Steve Payzant

Cole Lindsey, senior, Biology, EWU, Ken Gano

Wade Richardson, senior, Management and Operations, WSU, Lynn Goulet

Andrew Thackaberry, senior, Computer Science, WSU, Sean Reffatt

Craig Weidert, graduate, Computer Science, Simon Fraser University, Scott Caldwell