

# Flagship



US Army Corps  
of Engineers •  
Seattle District

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## Welcome home FEST-A team

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**Col. Debra M. Lewis**

"All personal breakthroughs begin with a change in beliefs."

-Anthony Robbins



Like me, some of you may find yourself wondering—"When did life get so incredibly busy and complex?" Or this—"Why is it that almost everything around us seems to be changing, and at lightening speed?" If you let it, the situation around you may depress you...or— you can decide something entirely different for yourself.

Even when things are changing, sometimes violently, I try to focus so I can see those things that are fundamental and foundational when facing and overcoming challenges. I personally expect much more than to merely survive any new situation. I ask myself "What is it going to take?" to thrive as a result of this or any potentially derailing challenge.

Although 20 years in the making and already affecting many Federal government organizations in and outside the Department of Defense, the initial public-private competition (A-76) in the U.S. Army Corps of Engineers started this May. This challenge is one of many on our plate, but the risks are significant for at least two reasons. The first round targets are our talented Information Management/Information Technology employee workforce, and it is staged to roll through other functions at a timeline we do not control.

This A-76 process may be our first real test as a learning organization. For us to thrive in the midst of this challenge requires each of us to work at a level of performance that does not reflect business as usual. Given our reputation, there are ways to approach this challenging process so that all benefit from the extraordinarily talented folks residing in the district and those outside that our district employees can leverage to do this right.

As we move forward, we must chart and follow a course we set together that is right for us. We also must do this as untold other requirements and emergencies are ongoing. You have shown the world—and me—"We do the impossible very well." We need to continue to be that high performing team in which each team member operates at peak performance.

Anthony Robbins, who is quoted above, has tremendous experience as a motivational speaker and writer helping individuals achieve peak performance. What steps do you need to take to create an environment that gets you and keeps you at peak performance? What steps would you then take to get your entire team to operate at peak performance?

(Please see bottom of page 3)

# From ashes to gratitude

By Dave Harris

Nineteen years ago my uniformed boss gave me a marginal appraisal and a million-dollar education I wouldn't pay a dime to repeat. I nearly quit and firmed up a return to my old job as assistant professor at the Defense Information School in Indianapolis.

My wise dad advised me to stick around, suck it up, keep my sense of humor, jot notes and write a book when it was over. I did.

Sometimes in the midst of dealings with difficult people and impossible tasks, it seems as if quitting is the only option for survival.

I'm glad Dad talked me into toughing it out. I've found something in every colonel that has brought me joy in working with each one. And the last several have been the very best.

Out of the ashes of adversity and troubled times come confidence, pride in one's organization and abilities, and healthy doses of humility and gratitude in observing genuine greatness all around me.

I've just completed proofreading the latest installment of the Seattle

District history. It reaffirms that you and I work with a premier group of pioneering spirits that have changed the face of the Pacific Northwest and have been restoring the environment for the benefit of generations to come.

It's hard to leave world-class co-workers behind.

It's hard to leave world-class co-workers behind. I tried to retire before and came back. With enhanced means of keeping in touch and three more books to write, this time I

think I can permanently take the plunge.

Like before, not a day will go by that I won't think of many of you. The Seattle District family runs in my blood.

In 1971 I replaced an airman in Korea who told me a story that had been written about everyone and everything.

"You may as well forward your calls to your barracks and run a perpetual card game," he advised. "We've done it all."

I proved him wrong. Likewise, I leave behind much to be done in Seattle District.

And yet, for those who stay and forge the future, may all who come behind us find us faithful.

"When you realize the value of all life, you dwell less on what is past and concentrate more on the preservation of the future."

-Dian Fossey

*Debra M. Lewis*



US Army Corps of Engineers  
Seattle District



Cover story: Seattle District's FEST-A team returned home from Iraq. Read about their adventure on page 5.



This issue was especially prepared for Lisann Leyva-Baxter and the Seattle District family.

Col. Debra M. Lewis, Commander  
Dave Harris, Chief, Public Affairs  
and Senior Editor

Andrea Takash, Design Editor  
Patricia Graesser, Contributor  
Steve Cosgrove, Contributor  
Jackie Hopkins, Contributor  
Maria Or, Contributor  
Kim Carlson, Photographer

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**Capt. John Jangula, a project manager in the Military Branch, currently serves as a liaison officer in Tikrit, Iraq.**



**Smiling from ear to ear, Michele, Paige and Erin Jangula relax after speaking with their husband and father, Capt. Jangula.**

# Iraq to Seattle in one minute

By **Andrea Takash**

**A**nticipation, curiosity and wonder filled the atmosphere in Federal Center South on April 2 as the Jangula family waited to connect with their husband and father in Tikrit, Iraq.

Michele Jangula, along with her two daughters, Erin, 4, and Paige, 8 months, traveled from Marysville to Seattle for a video teleconference with Capt. John Jangula.

Capt. Jangula, a project manager, in the Military Branch, deployed to Tikrit at the end of February. The district expects him home in June. Until then, his wife and daughters depend on video teleconferences, phone calls and emails.

"I receive emails from him daily and a phone call once a week," Michele said. "When he calls, we say 'I love you, I miss you, good-bye,' in the beginning of the phone call just in case we get disconnected."

The video teleconferences allow Michele and the girls to actually see Capt. Jangula. "This was our first

video teleconference, but I can't wait until the next one," Michele said.

Erin said she was excited to see her dad on TV but was sad because she couldn't hug him.

This is not the first deployment for Michele and Capt. Jangula. He deployed to Bosnia in 1996 for a year. Michele said this deployment differs.

"When he was sent to Bosnia, we did not have any children at that time. Having children has put another factor in the family separation," she said.

She also said the media coverage is more intense. "I cannot turn on the TV, radio or Internet without hearing about a catastrophe in Iraq," Michele said.

But Michele stays occupied to keep her mind off of the deployment.

"I teach full time, have two young girls and am trying to stay on top of all the 'stuff' that needs to be done around the house. My own 'honey-do' list is quite long, and I suspect I will not get it all finished before John's return," Michele said.

Michele expressed her gratitude for the chance to see and speak to her

husband. She explained two major highlights of the evening.

"It was great having John see how big Paige has grown since his departure. Also, having Erin talk directly to John was precious. She was able to draw him pictures, and he was able to see them immediately," she said.

Jim Clark, Seattle District chief, Military Branch, also spoke with Capt. Jangula.

"Capt. Jangula is in good spirits. He is working hard over there," Clark said.



**Paige Jangula occupies her time before the video teleconference.**

# ‘Waiting to Exhale’ sale

By Andrea Takash

At the end of February, time drew near for the Forward Engineering Support Team - Advance to leave Mosul, Iraq, where they had lived for four months.

Claudia Webb, Jeff Qunell, Maj. Steve Ward, Neil Jacobson, Hugh Markey and Norm Skjelbreia accumulated many items during their deployment in support of Operation Iraqi Freedom.

What were they to do with all of their things? They said they didn’t want to throw them away. Webb, from cost engineering, had a brainstorm. “Why not sell our things and donate the money to a good cause?” Since they couldn’t have a yard sale, the team decided to have a container sale, and they named it “Waiting to Exhale.”

“The name was perfect because the sale was our finale exhale while we were getting ready to come home,” she explained. They decided to donate any money raised from the sale to Concern for Kids, Ltd. This is an Iraqi-based charity that is run by an American couple.

Every Friday the Iraqis held a flea market in front of a nearby palace, Webb said. “We decided to set up a table and sell our things at the Iraqi flea market.” Only Webb could attend the sale, but everybody donated items.

Qunell, a structural engineer, said he donated wall hanging units, excess soap and extra snacks.

“If I didn’t donate those items to the sale, I would have just given them to people staying in Mosul,” Qunell said.

Jacobson, a power plant electrician TC 2810 and project union steward, said he donated a variety of items because he knew money raised was going to a good cause. “If it wasn’t for the sale, I would have left the items in my wall locker and the cleaning people would have taken it.”

Markey, a mechanical engineer in the technical review section, donated full-range desktop speakers with built-in volume control and other miscellaneous items.

“I felt it was important to donate the items to the sale, because the money raised would be donated to a minister who wanted to help an Iraqi family, which was a wonderful use of the money,” Markey said.

It only took four hours for the team’s items to sell. “The Iraqis were our biggest customers,” Webb said. “The Iraqi salespeople were even bartering with us.”

The team raised \$250 at the sale, which they donated to Concern for Kids in a ceremony on base. The money is being used to help a mother and her five children in Iraq.

“It was a great opportunity to help a wonderful organization,” said Military Branch’s Maj. Steve Ward.



Iraqi children, who have received aid from Concern for Kids, Ltd., attend the Azidi School in the Sinjar District.



Every Friday, Iraqi salespeople set up a flea market in front of the “Bombed Palace” in Mosul, Iraq. American Soldiers and civilians enjoy the opportunity to purchase goods unique to the Iraq culture and mingle with the Iraqi citizens.



Biologists catch and tag bull trout to track their travels.

# Journey of the bull trout

By Patricia Graesser

In 2001 Seattle District biologists embarked on a study of bull trout behavior that yielded results that surprised even the experts.

Biologists found that unlike the more familiar salmon, which migrate from fresh water to salt water and back to fresh water in a complete life cycle, some anadromous bull trout might make the journey from fresh water to salt water to fresh water in a single day. Where salmon take time to acclimate to water of higher or lower salinity, some bull trout swim through “as fast as their fins can take them,” according to biologist George Hart.

The district started the study to answer questions about impacts from hydraulic dredging in the Snohomish River in western Washington. Seattle District needed to determine for the U.S. Fish & Wildlife Service whether or not bull trout were in the Snohomish River during the planned dredging period.

The team captured and tagged trout and then installed hydrophones at various places to track the tagged fish.

“In the first year, we found that the tagged fish were not there during the period we planned to dredge,” said Hart.

As word of the study spread, more agencies wanted to be involved. Some offered boats and crew; some provided fish catching and tagging help. The study scope also expanded to reach from the Snohomish north to include the Swinomish and Skagit rivers in order to better determine where the fish were traveling and when.

When scientists started looking at the Skagit River, they found a large, healthy bull trout population. Some of the fish in the Skagit had come from the Snohomish and were using both systems and traveling between them. When they couldn’t find some of the fish in either system, they looked in the Swinomish and found some were spending time there.

While papers on the outcome of the study are pending, scientists already know that bull trout are most

active in the dredging areas in March through July and gone by the end of July. The existing blackout window established by the U.S. Fish & Wildlife Service is February through July, so the new findings support established

“In the first year, we found that the tagged fish were not there during the period we planned to dredge.”

work and blackout windows.

Scientists looked at movement patterns to see why the trout are staying in certain areas. They looked at salinity, dissolved oxygen, tide, temperature and other factors. They found that anadromous bull trout appear most active on incoming and high tides, moving from one zone to another.

While the study allows some overall findings on bull trout behavior, Hart said, “they’re each individuals,” some swimming to their own rhythm.

“We had one we thought was dead, because he was sitting near one hydrophone for days and days,” he said. “Then one day he moved, and we practically had a celebration—he’s alive!”

Prior to this work, there had not been many studies of anadromous bull trout behavior.

# Air Force design awards presented to Seattle District

By Patricia Graesser

The winners of the 2004 Air Force Design awards included two Seattle District projects.

The district will receive the Air Force Citation Award under the category of Planning Studies and Design Guides for the Survival School 10-year Master Plan at Fairchild Air Force Base, Wash. The district will also receive the Citation Award under the category of Concept Design, for its Phase 4A Replacement Family Housing Project at Mountain Home Air Force Base, Idaho. A ceremony honoring the recipients of all Air Force Design Competition awards will be held in Washington, D.C., July 29. Numerous award-winning Corps of Engineers districts will be among those represented.

The master plan study, prepared by the district task order contractor WJA Design Collaborative, guides a proposed \$50 million, 15-project capital improvements program within the existing 100-acre Survival School campus. The WJA master plan study, which was unanimously approved by the Survival School and Fairchild Commanders and three separate tenant Headquarters Air Force Commands, had already won both Air Mobility Command and Air Education Training Command design awards in the planning study category.

In 2003, the district completed construction of the first new project following the approved



**An airman and his family stroll past the new houses following the April 9 ribbon cutting ceremony.**

master plan study—the \$6 million Air Command Munitions Maintenance Administration Facility. Later this year, WJA will start design of the second project per the master plan study—a \$12 million combination Survival School headquarters and medical office project titled Mission Support Complex. That design will follow on the footsteps of a recently completed WJA requirements document study for the same project. According to project manager Andy Maser, the WJA 10-year Survival School Master Plan Study is an outstanding example of comprehensive land use and facility and utility planning.

“WJA produced a comprehensive, superior product, including a user-friendly electronic version, at no cost to the government,” the commendation reads.

The second citation award is for Phase 4A of the program to replace family housing at Mountain Home AFB. The \$11 million housing project was officially turned over to the base at a ribbon cutting ceremony April 9.

The homes were designed by Design West and built by Evergreene Construction of Salt Lake City, Utah, which won an Air Combat Command design award for the design of this project. These were the first housing units completed by a multi-year IDIQ—indefinite delivery indefinite quantity—housing contract in Northwestern Division, according to project manager Amy Brandt.



**Official opening ceremony: from left - 2nd Lt. Douglas Berndsen - ceremony narrator, Deputy Chief of Construction Division, Air Combat Command, Civil Engineer Directorate, Col. (Promotable) Edward Piekarczyk, 366th Fighter Wing Commander, Col. (P) Blair Hansen, Col. Debra Lewis and Evergreene Construction president, Chris Nielson**

# Returnees talk about deployment

By Dave Harris



Airmen, Soldiers, DoD civilians and contractors live in rows of these tents at the Kirkuk Regional Air Force Base.

As Seattle District employees contemplate volunteering to deploy, they ask around to those who have served in the Middle East. Several Seattle District employees have returned from the Gulf Regional Division with their stories. Some have volunteered to return “downrange.”

“I had lots of responsibility and learned a plethora of information,” says Sid Jones, who deployed to Iraq. “I wore several ‘hats,’ which helped me to understand other people’s roles on the project delivery team.”

Gregg Takamura had a similar experience, finding most rewarding “working on fast-tracked construction projects under extraordinary conditions, with a very dedicated community of stakeholders consisting of the Army, both active and Reserve/Guard; Army civilians; and hardworking, competent contractor forces,” he says.

Maj. Steve Ward says, “Deploying as a team we were able to create many lasting friendships and very strong bonds between team members.” He says he didn’t like the danger. “The experience is rugged at times and not for the faint of heart. However, the reward of unimaginable memories and lifetime experiences are truly amazing. The silent majority of people in Iraq are great, fun, caring people. The obnoxious minority are evil, full of hate and not friendly to Americans.”

Bill Graney says he appreciated his fellow workers who had “a passion for their job and for the success of the mission. I could give a tasking at 2200 hours after a 14-hour workday to any of the Corps folks on our team, and

count on them to do it promptly and with a smile.

“And when I returned, I was saddened by a few co-workers in Seattle District who sought me out to explain to me that they not only were against the Iraq War, but also the Corps mission. I believe that the Corps work in Iraq is vitally important and these things hurt.”

Jeff Qunell says he enjoyed his team and what they accomplished while forming “great friendships.” He talks about “challenging work that actually helped restore infrastructure, Iraqi employment and education. Despite what is shown on the news, a lot of hard work continues to be accomplished that has truly helped the Iraqi people in terms of the Iraqi people taking steps in providing for their own future. It was rewarding to see some of our work accomplished during our deployment.

“It was rewarding to work with Iraqi engineers who risked their lives by working with us,” Jeff continued. “This main gate [where they were searched] was a frequent target for attacks. These engineers sometimes received death threats when outside the compound. Some changed their names to protect their family name. Most were dedicated to improving their country and their own future. They worked hard, and they were very competent engineers.”

Like many of those who serve, Sid reports that all is not rosy. He says he thought he could use more support from others in the Corps. Gregg adds the downside of being away from the family and comforts of home.

Matt Caesar has suggestions to improve homecoming for future returnees, but he says most rewarding was



Matt Caesar, E Management, Afghanistan.

# Deployment's ups and downs



The Army AirForce Exchange Service provides the amenities of home in Iraq, like this Pizza Hut trailer.

working in an environment where everybody is a volunteer. "When everybody in one office wants to be there for the same reasons, the mission is easier to accomplish."

"Everything was fast paced and time flew by," Sid says. "I worked between 15 to 16 hours a day, seven days a week, and I cleared almost triple my take home pay or about \$10,000 per month." While overtime isn't guaranteed, Gregg found the extra money "more than either me or my wife expected. We didn't expect to be able to pay off the mortgage on the house. It was satisfying for the first time in my career with the Corps to be equitably compensated for the long hours, days, weeks and months."

Matt says, "If you are only going over there for the money, then don't go. It destroys morale if you are so caught up in making money you forget why you are really there. With that said, you make roughly three times your base salary...base pay, post differential, danger pay, hazard pay, nighttime differential, holiday pay and Sunday premium. But you also work twice as many hours."

Jeff has a similar view. "Although my intentions for deploying did not consider financial benefits, I admit that it seemed to be a nice side benefit to be able to apply to some debts," he says. "This really isn't a mission for those wanting to earn extra money. Deployment with that mentality will not serve one very well. This is a mission that requires a positive outlook and a desire to do good in the midst of evil—a desire to help people who have been oppressed and tortured for years. The decision to deploy

should be prayerfully considered without any financial implications. Further, the additional expenses your family endures offsets a lot that you earn. I haven't figured out the 'extra' that I really earned minus additional expenses. However, I'd say it ended up only being a couple thousand."

Downside or upside? "It is disappointing to see only the gruesome, evil acts of killing on the news. It tends to paint a poor picture of the Iraqi people. It truly was more prevalent to see Iraqi people supporting us," Jeff says.

"They were very kind and respectful. Sometimes they and their children would wave, smile and salute to us when we would pass. Many were proud to shake our hand. Others went out of their way to help us perform our mission."

"While aggressions against Americans increased during our deployment to Mosul, transportation through the city streets had to become more aggressive. While previously trying to display courtesy to Iraqi citizens around us, attempting to win the hearts and minds of the people, the greater threat on us required a more aggressive posture. This was also unfortunate, because the happy Iraqi faces weren't as prevalent."

Sid says he struggled with inconsistencies with other districts and within and outside of the division, but "common sense goes a long way. Task Force Restore Iraqi Electricity committed over \$1 billion in less than four months and has completed a lot of the electricity infrastructure within nine months," he says.

"I thought I was doing something good for my country, the Iraqi people and the world," Sid said.

emergency  
deployed to



Alana Kirkpatrick, Seattle District; Tim Bischoff, Saint Louis District; and Heather Burke, Jacksonville District, present a Lewis and Clark program to the children at the Headquarters U.S. Army Corps of Engineers day care center during the Lewis and Clark Bicentennial kick off week.

## Seattle District park rangers ramp up for the summer recreation season

By Steve Cosgrove

Summer recreation. Kids “re-create” after toughing out the year in school, while parents take time off from their job demands to camp, fish, hike and swim at public and private parks and facilities across the nation. About 385 million of these recreators will visit Corps recreation areas this year. The Corps is the nation’s largest federal provider of outdoor recreation, with 4,300 recreation areas, over 100,000 campsites, 5,000 miles of trails and 33 percent of all freshwater lake fishing in the United States.

Each one of these visitors will have personal contact with a Corps employee, likely a park ranger. The safety and security of these visitors, from children to senior citizens, is in the hands of the Corps’ park ranger staff. This is a responsibility that park rangers continually study and train for, from water safety to emergency management to conflict control.

This year, Seattle District’s team of park managers, park rangers and outdoor recreation planners got together

with three Alaska District rangers to brush up on their skills for defending themselves in the event of an unwanted advance by people or animals, be it a belligerent bear or a combative camper. In March, master martial artist Andy Sanano returned to Albeni Falls Dam to demonstrate ranger self defense on his willing students, grasshoppers one and all. Though park rangers are well-versed in the art of verbal judo, sometimes it’s convenient to know that you can bring a big guy—or gal—down in a couple seconds with just two fingers.

Outdoor Recreation Planner Bonnie Ecker said, “It’s no laughing matter to find yourself caught in an uncomfortable situation and wondering how to keep yourself safe. You can feel safer visiting Corps facilities knowing that rangers do far more than just present campfire programs.”

With the Corps’ park rangers prepared for anything that comes their way, here are some of the highlights of summer recreation throughout the district.

“Visitors come to Mud Mountain Dam to enjoy the

surrounding woodlands,” said park ranger Laura Robinson. This summer, hikers are on the scenic trails and children are splashing through the wading pool and enjoying the two large playgrounds. Robinson also noted that Mud Mountain has had a big increase in day camp visitors over the last few years: “Usually a couple of buses come in the morning and stay until late afternoon. The campers enjoy the wading pool, playgrounds, hiking trails and large fields where they set up games or craft activities.” On August 6, 200 kids from Camp Berachah are scheduled for a tour at Mud Mountain Dam. Mud Mountain Dam also was the site for the annual charity bicycle race in mid-May, with about 300 bicyclists competing.

Park rangers at the Chittenden Locks expect to be busy this year, as usual. With over a million visitors a year and over 300,000 boaters locking through, the Chittenden Locks is a Seattle destination. Visitors from around the world marvel at the elegant Carl S. English Jr. Botanical Garden and picnic on the grass. Dennis Graham, interpretive park ranger, said that this summer’s highlights include the diverse Summer Concert Series in the garden showcasing many different types of music, a new “World Tour” flyer that educates the public about the Carl S. English Jr. Botanical Garden, the installation of new “Salmon Steps” that lead you to the Fish Ladder and a wonderful and exciting Visitor Center.

Chief Joseph Dam and Rufus Woods Lake have several special events this summer. Water safety mascot Seamoor Safety will accompany park rangers to safety fairs around the region. Events earlier this year included a mini-hydro boat regatta on May 8 and 9, a volleyball tournament May 14 and 15, and a Water Safety Festival June 19.

The eagles are soaring at Libby Dam, and thanks to a donation last year from Pelco Camera, Libby Dam now has a live eagle cam. A tree climber installed the camera in the tree across from the eagle nest at Souse Gulch. Park ranger Alana Kirkpatrick said that the camera was ready just in time: “Day one we had two eggs, day two we had two chicks, and day three we only had one chick and momma. We have a live feed from the visitor center where you can watch momma feeding her baby eaglet all day! This is a very exciting new addition to our visitor center and will be very popular with tourists, locals and employees alike.”

Kirkpatrick also attended the Yaak Rendezvous earlier this year. This was a two-day campout for the children who attend the one-room schoolhouses of the Yaak Valley. “In two days, they learn about all different kinds of animals, plants, survival skills, as well as crafts and campfire programs. My program this year is entitled Let’s Get Batty—the wonderful world of bats,” she said.

Field trip season started April 30 at Libby Dam, with

the first of 11 schools planning their annual field trips for a tour of Libby Dam and a scavenger hunt in the visitor center. Guided tours of the dam and powerhouse are offered from the visitor center three times a day.

After a two year hiatus, Albeni Falls Dam is providing abbreviated powerhouse tours to the public four times each day. Riley Creek Recreation Area is closed for the 2004 season for a modernization project. “When the area opens in 2005, we will have improved roads, universal design campsites with electric and water, greatly improved accessibility for all, improvements to include hard surfaced trails, boat ramp expansion, additional courtesy dock and fishing piers, accessible restrooms and showers, new game areas and improvements to the playground and amphitheater,” said Gary Bond, park ranger. With Riley Creek closed for the season, park staff anticipate an increase in campers at the other three campgrounds.

“We will be providing weekend evening programs at the two larger campgrounds, Springy Point and Priest River, with an occasional daytime or evening program at our smallest campground, Albeni Cove,” said Linda Lamb, park ranger. “We will have a variety of guest speakers, including Tim McNeal portraying Meriwether Lewis and Sara Eldin-Marlowe portraying Sacagawea. We will also be holding the ever popular Amazing Race and Survival games at Priest River and Springy Point.”

Budget cuts across the Corps have not spared Seattle District parks and lakes. Many interpretive, off-site and outreach programs have been scaled back or canceled. As well, some facilities and services have had their operating hours shortened or have been closed. But Seattle District recreation staff are striving to minimize the impacts of these cutbacks and provide the public with the memorable recreation experience they deserve when they visit a Corps park.

For more information on Corps recreation, visit the Natural Resources Gateway at <http://corpslakes.usace.army.mil>.



**It’s just another beautiful day for kids and parents at Mud Mountain Dam’s wading pool.**



Architectural rendering of the Fiscal Year 2005 Whole Barracks Renewal Project, Company Operations Facility 35 percent design using Microstation 3-D Modeling feature.

# Whole barracks renewal program forges ahead

By Jackie Hopkins

The Fiscal Year 2005 Whole Barracks Renewal Project at Fort Lewis, Wash., is underway in Design Branch and represents a huge step in implementing the latest in design requirements and initiatives aimed at making buildings more resistant to terrorist activities as well as more sensitive to today's environmental concerns. With a programmed budget of \$48 million, Design Branch and Military Project Management, in partnership with Walla Walla District and Fort Lewis Department of Public Works, share a common goal of providing Soldiers at Fort Lewis with significantly improved living and working environments.

Specific project issues confronting the design team include structural engineering that must meet the rigor of demanding Force Protection design requirements, compliance with mandatory standards set by the U.S. Green Building Council criteria for sustainable design, and an architectural aesthetic created to fit the Neo-Georgian context that exists at Fort Lewis. To help visualize these goals, Design Branch is using 3-D imaging and new structural engineering rendering software, as well as adding to its knowledge base of sustainable design practices.

To meet design requirements driving the barracks project schedule and to embrace the Corps' 2012 initiative, John Maciejewski, chief of Architecture/Structures Section, pushed the idea of teaming up with sister district Walla Walla. "Our business model must be

one of flexibility, with the facility to tap into the resources existing at other districts and acquire the support needed. It makes little sense to resource the complete requirements of a major project within one district, when our project workload can quickly change and leave the district in an overstaffed state," Maciejewski said.

The project is broken down into five separate components: site and utilities improvements, barracks, company operations facilities, battalion headquarters and brigade headquarters buildings. The battalion headquarters building is being designed by Walla Walla District, while remaining design work will be completed in-house with the exception of the barracks, which will be done by a design/build contractor.

The district has been doing whole barracks renewal projects at Fort Lewis since 1992. Subsequent design projects followed in 1997, 1998, 2002, 2003 and 2004, resulting in a total of 2,500 housing units completed for I Corps and tenant unit occupancy. "In addition to new standard design for the Company Ops, there have been enough changes and challenges in each program to make it unique and keep the team excited," said Thomas Poole, project manager. "I'm fairly pleased with how well everyone has responded to all the changes."

Today's barracks projects differ from previous projects because of newly implemented design guidance. Perhaps the most notable impact is the Department of Defense minimum anti-terrorism standards for buildings criteria that place numerous design requirements affecting both

the site and building construction. A few examples of site limitations include building setbacks from roads and parking and appropriate selection of plant materials as determined by the landscape design.

Another initiative influencing the design of the building complex is the commitment by DoD to sustainable design and development. Consistent with DoD policy, the barracks are being designed for rating under the USGBC Leadership in Energy & Environmental Design program. LEED is the parent document from which the Corps' Sustainable Project Rating Tool program, better known as SpiRiT, was developed. These programs stress the importance of creating structures that improve occupant

health, promote environmentally responsible construction practices and make wise use of materials and resources.

The Corps has worked in partnership with Walla Walla District at Fort Lewis on two previous occasions. The first was seeking structural support on the Combined Arms Collective Training Facility at Fort Lewis in 2002. The second was architectural support on the barracks project. Kyle Shaw, architectural lead, worked at Walla Walla District for 13 years prior to coming to Seattle District. "Established working relationships and complete coordination electronically and by phone are essential to the projects' success," Shaw said. "These are important first steps toward implementation of virtual design teams."

## Assistant Secretary of the Army (Civil Works) John P. Woodley Jr. visits Chief Joseph Dam

By Steve Cosgrove

Chief Joseph Dam staff arranged for sunny skies and warm April weather to welcome the Honorable John P. Woodley Jr., Assistant Secretary of the Army (Civil Works). Mark Jenson, operations manager at Chief Joseph Dam said, "It was a rare honor and privilege to be able to show off our project to such a distinguished and high-level Army official."

Seattle District Commander Col. Debra Lewis greeted Woodley at the plane, accompanied by Brig. Gen. William Grisoli, Northwestern Division Commander; Lt. Col. Kevin Porter, Military Assistant to ASA-CW; Karen Durham-Aguilera, NWD Director of Civil Works and Management; and G. Witt Anderson, NWD fisheries biologist. Joining the group were Diane Parks, chief of Seattle District's Operations Division, and Chief Joseph Dam staff members Jenson; Rick Werner, Maintenance Section chief; and Laura Beauregard, park manager.

Woodley's tour started at the spillway left tower lobby, meeting up with John Skibby, chief of the Operations Section, for a two-gate spill demonstration. From there, Jenson brought everyone to the Unit 26 work area where they met powerplant mechanic Ron Blondin and other maintenance workers. A couple guests had a chance to get their hands dirty at the Unit 26 scroll case.

The group then convened at the commons building for briefings on the Gas Abatement Project. Presenters included senior water manager Marian Valentine, design manager Joe Wright, water quality manager Kent Easthouse and lead hydraulic engineer Julie Allen.

Afterward, Woodley met with members of the Confederated Tribes of the Colville Reservation.

Everyone agreed the visit was a resounding success. "We planned and prepared for this extensively, and it paid off," said Jenson. "The entire visit went very smoothly. Marian Valentine's assistance throughout was invaluable."

Woodley also said he enjoyed his visit; his note to Col. Lewis said, "I want to express my sincere appreciation for everything you and your team did to facilitate my visit to the Northwestern Division. In particular, I enjoyed the tour of Chief Joseph Dam and its surrounding facilities. This was the first opportunity I've had to actually go inside of the turbine compartment."



Seattle District commander Col. Debra Lewis tours Chief Joseph Dam with John P. Woodley Jr., Assistant Secretary of the Army (Civil Works); Mark Jenson, operations manager of Chief Joseph Dam; and Brig. Gen. William T. Grisoli, Northwestern Division commander.

# New deployment facility at Fort Lewis complete

By Andrea Takash

Soldiers deploying at Fort Lewis won't have to wait in the rain when weighing their vehicles because the \$32 million deployment facility is complete.

Unlike the old facility, everything is indoors or under cover.

The mammoth deployment facility comprises pallet handling, railhead and a transportation inspection point. The pallet handling area is a massive covered warehouse that will house pre-packaged pallets. The contractor added seven miles of rail to the railhead.

TIP, the transportation inspection point, is the stopping point for each vehicle to be weighed for axel weight and balance, inspected for leaks and loose material, washed, and de-fueled if it has more than a quarter of a tank of gas. If minor problems are found, there is a maintenance facility on the grounds.

Both TIP and the pallet handling are equipped with an infrared heating system to keep both the Soldiers and equipment warm when necessary.

The facility also includes the Director of Logistics, Installation Supply Division, Vehicle Issue and Receipt, Class 7 Yard, formerly and contractually known as "Marv's Yard." This part of the facility received new office space, a storage building and an expanded cargo storage area.

Jim Ulrich, Northwest area engineer, said he was thrilled with the outcome of the facilities.

"The completed facility is of the highest quality and workmanship. The construction contractor, The Austin



**A subcontractor installs support for inspection pit grating at the transportation inspection point.**

Company, has exceeded our expectations," Ulrich said.

The Austin Company impressed everybody with their customer service and attention to detail, said Brent W. Dvorak, Fort Lewis project engineer.

"The construction quality management umbrella, used by both the contractor quality control and the Corps quality assurance representative, was one of the keys to success on this project," Dvorak explained. "The contractor had an excellent quality control system that was strictly enforced to achieve the quality specified."

Soldiers continued to use parts of the facility even while construction was going on. But this didn't put a kink in the schedule, according to Joyce Aldrich, Joint Transportation Directorate chief of plans and operations.

"Both the Corps and the Austin Company worked hard to ensure

Soldiers could still redeploy and deploy using the existing facility," Aldrich said.

Jim Clark, chief, Military Branch, agreed the project was a success.

"The project provides a 'world-class' intermodal transportation point designed to efficiently process large military units, their vehicles and supplies from Fort Lewis to any theater of operation in a matter of just a few hours," Clark said. "The facility is a logistician's and installation commander's dream transportation facility."

Dvorak said the biggest challenge was ensuring there was no impact to the mission of Fort Lewis or the designated occupant activity.

"This problem was greatly reduced by good planning in the request for proposal, good coordination by the construction team and the full cooperation of the Soldiers," he said.

# Around the District Corps Family

## Speaking Outreach

**Kris Dillon** (Construction Branch) spoke to a group of about 60 people representing 39 subcontractors working for Centennial Contractors at an administrative workshop. She presented and answered questions concerning federal labor requirements on construction contracts.

**Victoria (Torrey) Luiting** (Environmental Resources Section) was a panel member at the 2003-2004 University of Washington Extension Certificate Program in Wetland Science and Management's course on "A Landscape Understanding of Wetland Processes, Stresses and Preservation." She discussed the North Wind's Weir Intertidal Restoration Project and the Section 1135 Little Oak Bay project.

**Bob Schloss** (Albeni Falls Project Office) spoke to a group that is the sub-basin planning group for the Pend Oreille River. He presented information on project operating criteria and constraints.

**Gail Terzi** (Regulatory Branch) spoke at a Washington State Bar Association conference about restoration requirements in environmental and land use laws on March 12. She also gave a follow-up discussion on wetland mitigation banking to the Mount Vernon City Council.

**Ken Brettmann** (Hydraulics and Hydrology) spoke at a University of Washington Civil Engineering graduate class on Water Resource Management on April 28. The title of the presentation was "Western Washington Flooding and Flood Control."

**Bonnie Ecker** (Technical Support Branch) attended an Outdoor Recreation Summit. Recreationists gathered with natural resources leaders to discuss the state of outdoor recreation in Washington. Bonnie set up a display board combining the Corps of Engineers for walking, hiking, and horseback trails along with the American Motorcyclist Association for off-road vehicle use of trails.

**Kym Takasaki** (Environmental Engineering and Technical Section) visited Sylvester Middle School in Burien, Wash. and talked to a TechReach science club about being a woman scientist in the Corps. TechReach is an after school program for middle school (11-12 years old) girls to encourage interest in science and math. Currently she mentors two of these girls.

**Dean Schmidt** (Construction) gave a presentation on Seattle District's use of the new automated Bidder Inquiry System at the Northwestern Division's Construction Project Delivery Conference.

## Look What the Stork Brought... Babies!

**Brenda Bachman** (Environmental Engineering and Technical Section) and her husband Richard Pratt adopted a baby girl from China, Melina Xia, in May.



## In Memoriam

**Lt. Colonel Vincent E. Brownell, U.S. Army, Retired**, father of former Seattle District employee **Leslie Malek**. He was known to the division simply as Vince, his life of service defined who he was—Soldier, engineer officer, family and churchman, World War II combat engineer (Leyte & Okinawa), ROK Army advisor, engineer advisor to the German army. He continued his Corps career as a civilian in Portland District recreation planning and as executive assistant. In 1976, Maj. Gen. Peel requested him as division executive assistant. He retired in 1982 after 41 years with the Corps. He is survived by his wife of 62 years, Anne; son Bruce Brownell; daughters Kathleen Hammerstrom and Leslie Malek; and three grand-children. He was a man of uncompromising honor.

**Frank Urabeck's mother, Helen.** Frank retired from Seattle District and is most remembered as the project manager for the Puget Sound Dredged Disposal Analysis Study.

**Thomas S. Shinn**, former chief of Mechanical Design, responsible for major dams on the Columbia.

**Ray Latta**, Chief, Operations Division, July 1973 to December 1981. Latta is survived by his two daughters, Zoe Sweger and Jolene Hale.

# Kudos Kiosk



**Sadie Boyle takes over her grandmother, Millie Boyle's, job as a revolving fund accountant in the Resource Management Branch.**



**Lynann DeJarnett received second place in the U.S. Army Corps of Engineers National Water Safety 2003 Photo Contest scenic category for this picture of goslings.**

**O**n April 15, Seattle District participated in "Take Your Sons and Daughters to Work Day." The purpose of the day, which is celebrated annually across the country, is to introduce the children of Army employees to an actual work place environment. It helps enable children to see successful women and men working together in the wide range of occupations that exist in the Army. It is also an opportunity to make an impression on a vibrant, diverse, future work force. Sadie Boyle, granddaughter of Millie Boyle of Resource Management, participated. Sadie is 9 years old and is in the 3<sup>rd</sup> grade at Olympia Waldorf. She hopes to be an architect when she grows up. "The most exciting part of the day was seeing an aerial map of where I live. I found my house," Sadie said.

**A**t the International Boating and Water Safety Summit in Panama City, Fla., several Chief Joseph Dam employees received awards. Laura Beauregard received recognition for significant contributions to the U.S. Army Corps of Engineers National Water Safety Program. Javier Pérez received recognition for significant contributions to the USACE National Water Safety Program, Hispanic Product Development Committee. Lynann DeJarnett received two awards in the USACE National Water Safety 2003 Photo Contest: second place in the boating mishaps category and second place in the scenic category. Crystal Baughman received honorable mention in the USACE National Water Safety 2003 Photo Contest in the spring/summer visitors category.

**A**t the Northwestern Division's Construction Project Delivery Conference, Tom Carll was presented with the Northwestern Division Construction Representative of the Year, and Dean Schmidt was presented with the Northwestern Division Construction Management Excellence Award.

**Department of the Army  
Seattle District,  
Corps of Engineers  
P.O. Box 3755  
Seattle, WA 98124-3755  
Office: Public Affairs Office  
Official Business**

**Address Service Requested**