



Volume XV, NO. 3
June - July 2005

Flagship

SEATTLE DISTRICT



**Protect our children
and our future**

Earth Day Network's theme for the 2005 Earth Day

Inside this issue:

Commander's Column 2

Engineer Day message 3

Drought, rain and redemption 4

Hot times on Fort Lewis 5

Leadership Development Team showcases two projects this year 6/7

Puget crew fights boat fire / Fishing vessel raised 8

Biggest wetland mitigation bank authorized 9

Sampling sediment at Manchester Annex 10

Around the district 11

Welcome to the district 12



U.S. Army Corps of Engineers

Volume XV, No. 3

Reflections

"Memories of our lives, of our works and our deeds will continue in others." Rosa Parks

While our time as members of the Seattle District may be limited, our impact on others endures. The contributions you make in your job, the kind words you say to others, along with the joys, the laughter, the support, the caring actions, the helping hands when most needed, and the skills you share with each other and your teams... you matter far more than you might imagine.

I've found that special occasions, which illustrate this dynamic to me, are the bittersweet celebrations of our employee departures. One I wanted to share with you occurred recently after Dave Garton accepted a promotion with a sister agency and joined his friends and office mates in the Real Estate Division to celebrate his time at the district and to wish him well. During our talk together, I asked Dave if he might consider writing down his thoughts and reflect on his time with the Corps to share with the rest of us. I think you will agree; Dave has a gift with words. From these words, I hope you will see just how much of an impact you had on him.

Reflections From Dave Garton

On April 13, my friends and colleagues at Seattle District hosted a farewell cake and coffee at the district office. The occasion was in recognition of my move to the National Oceanic and Atmospheric Administration. I deeply appreciated the heartfelt words, good wishes and work that went into making the farewell so memorable.

The occasion also gave me pause to reflect on why the Corps is a great place to work and difficult organization to leave. For me, the answer is the people I have

been so fortunate to call friends and colleagues. You have touched my life in many unexpected ways. You taught me appreciation of our team, pride in our organization, the value of each individual and the power of attitude, initiative, positive behavior and friendship.

What strikes me the most is the ability of each individual to make a difference in the lives of others. We do not always realize that a kind word, a thank you, a special recognition or taking the time to ask "how's it going" can change a person and an organization forever. We all have the opportunity to make a difference. The challenge is to recognize that opportunity and use it in a positive way each day. Thank you for using your time, energy and talent in ways that make the Corps a good home, a great family and a tremendous place to accomplish the mission of the Army and our nation.

"If you embrace possibility thinking, your dreams will go from mole hill to mountain size, and because you believe in possibilities, you put yourself in position to achieve them." John Maxwell

Debra M. Lewis



Col. Debra M. Lewis, Seattle District Commander and District Engineer



Cover: Amelia Lewis, daughter of Evan Lewis, Environmental Resources Section, took a break from planting trees at the Earth Day work party, which was held at Seahurst Park in Burien, Wash. Read more about the Earth Day events, sponsored by the Leadership Development Program team, on Page 7.

(Cover photo by Melanie Reeder; Other pictures of Col. Lewis, Seattle skyline and watermark are file photos)



Linda Lamb, park ranger at Albeni Falls Dam, placed first at the U.S. Army Corps of Engineers' annual water safety photo contest with this picture, entitled "Site 14 Camper," in the category of scenic water shots.

Engineer Day message from Lt. Gen. Strock

Every June, we celebrate Engineer Day to honor the contributions of U.S. Army Engineers, which began when Col. Richard Gridley became the first chief engineer in June 1775. His fortifications at Bunker Hill began a long heritage of service by Army engineers that continues today. Although much has changed during the centuries, the commitment, courage and competence exhibited by Army engineers have never changed.

During the past year, the U.S. Army Corps of Engineers and the entire Engineer Regiment have accomplished terrific work. Thanks to the Corps of Engineers team, we accomplished our daily, important work at home on the nation's waterways and recreation areas, on our military facilities and in our research facilities. This past year, when our fellow citizens needed aid after four hurricanes struck the Southeast, you rushed to help them.

Around the world you supported the armed forces with quality facilities, and you helped to improve the quality of life in Afghanistan and Iraq. Thanks to your contributions, the Gulf Region Division passed its one-year anniversary in January. Later that month, Iraq held free elections. Many people will never forget the photos of smiling Iraqis leaving polling places, showing their fingers stained with purple ink like badges of honor. Be proud that wherever you served, you contributed to that important milestone.

Sadly, many in the Engineer Regiment have paid the ultimate price. In March, the nation awarded



Lt. Gen. Carl A. Strock

the Medal of Honor posthumously to Sgt. 1st Class Paul Smith of the 11th Engineer Battalion. His extraordinary, unyielding courage during a firefight outside the Baghdad Airport in April 2003 saved many of his fellow Soldiers' lives.

His award reminds me that the regiment is blessed with Soldiers and Civilians who live the Army values and who are dedicated to public service. As a member of the U.S. Army Corps of Engineers, you are part of a great team that has made many contributions to the nation's security, economic prosperity and environmental quality. With your help, we will do more.

We will publish our campaign plan on June 16, and I ask that you read it at www.usace.army.mil, so you can help us become "One Team: Relevant, Ready, Responsive, and Reliable." The campaign plan describes goals, supporting objectives and enabling capabilities that will help us achieve our vision. As you read the plan, remember that our goals and objectives are connected and every Corps member has a role to play in making our vision a reality.

Thank you for your service to our nation, and thank you for being part of the Corps team. With your help, we will add to the long, proud heritage of service that began more than two centuries ago.

Essayons!

CARL A. STROCK
Lieutenant General, USA
Commanding



This issue was especially prepared for Maria Or. She accepted a job at San Francisco District as chief, Public Affairs. Maria was a public affairs specialist for Seattle District since 2001. She most recently served in Afghanistan. (File photo)

Flagship

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www.nws.usace.army.mil

Corps Day in Seattle

Seattle District will celebrate this year's Corps Day July 15 at Federal Center South. The day will begin with the awards ceremony at 9 a.m. in the Galaxy Room. The picnic, which is sponsored by the Civilian Welfare Council — CWC, will follow outside by the gazebo from noon to 4 p.m.

This year's picnic will feature clowns, a bounce around, cotton candy, toy fishing pond with a chance for prizes, face painting and volleyball. Don't miss out on the fun!



Kate Steff, Civilian Welfare Council president, Col. Debra Lewis and Chinky Diwan, CWC recorder, take a break from grilling at the 2004 Corps Day picnic.

Drought, rain and redemption

Low snowpack and dry weather test Corps' water management

Nancy Chin, engineer for the Hydrology Section, pored over the faded historical records and worried. The region was in new territory, making history.

With very little snow pack to melt, she was looking for a similar event in the past to see how much rainfall it would take to fill the Howard Hanson reservoir. She found no winter droughts like this one. Dry summers were more frequent.

That comparison might provide a clue, she thought. It turns out the summer of 2004 was dry, with record rainfall later in August into early September. The region had abundant water to augment stream flows for a successful fall Chinook spawning.

She estimated it would take about 14 inches of rain to fill the pool this year. Western Washington would need to get back to a soggy rainfall pattern very soon, but no rain was in sight.

A record dry spell gripped the region by early March. Stream inflows were at record shattering low levels for more than 30 days, threatening fish resources. There was record low snow pack, in fact, no snow at many Cascade locations. The Green River Basin snow pack was just 1 percent of normal, the lowest in Washington state. The weather forecast maps showed dry weather to continue.

Extended winter droughts are rare, and this one appeared to be the worst. The region was in the midst of a two-month dry period and almost no snow pack. The snow pack is the savings account for spring stream flow. With a scanty snow pack and no rainfall, the coffers were bankrupt. An unprecedented event was unfolding.

The district would manage the meager inflows to Howard Hanson. Looking out the window, another blue-sky day appeared. Hiking trails were open; ski areas closed. A wall of blocking high pressure on the weather maps remained secure, keeping Washingtonians dry.

Western Washington has never had an extended dry period from February to June.

The problem with the weather this winter was two-fold. A high-pressure ridge split the storm track to the north of Seattle and California, cutting off Northwest rainfall altogether. The other problem was when



Larry Schick, Seattle District's meteorologist, and Richard Eitel, Corps contractor, survey the snow pack in mid-April at Twin Camp in the Green River Basin. This site had 0 to 2 inches of snow. Normally, it has about 4 feet in April. (Photo by Peter Haily, Tacoma News Tribune photographer)

precipitation did come it was mild.

That tropical punch called the "Pineapple Express" originates near Hawaii. It is warm and melts some snow and deposits dreadfully little new snow because of high snow levels. The heavy rain did cause floods. In the end, we would have to let that water go to leave room in the reservoirs to handle future winter rains, which never came.

The reason for the warm then dry weather pattern this winter is unknown and is probably a random weather pattern. The cause for the strange winter was probably not the weak El Niño in the tropics.

Then, before the first days of spring, the computer weather forecast maps revealed a change in the wind. What started as the driest March on record ended wet. The water stored would be released in the fall to keep stream flows high for optimum spawning conditions. The rain continued, more than 12 inches worth. The district filled the pool at Howard Hanson in just five weeks.

Without snowpack to melt in May, reservoir inflows will be low. By capitalizing on this rain and refilling the project early in mid-April, May flows will be passed through the reservoir, remaining as high as possible and contributing to outmigration of salmonids.

This drought may be over for Corps projects like Howard Hanson, but others in the state, especially eastern Washington, will have more difficulty. Their basins are driven by snowmelt, and there is precious little snow to melt.

- Larry Schick



The district's water management team filled Howard Hanson Reservoir in late April. (File photo)

Hot times on Fort Lewis

Col. Steven Perrenot, Fort Lewis Director of Public Works saves the environment with a single mouse click, starting phase two of a Superfund cleanup project.

How many things did people do yesterday that they regret today? Like burying things underground? Fortunately, most of what was buried underground yesterday is naturally biodegradable. The regret comes when people realize that what was buried yesterday is threatening the environment today.

In Fort Lewis' very own backyard is an old landfill called the East Gate Disposal Yard. From 1940 to 1973, the Army buried more than 1,000 drums of hazardous waste. The drums of oils, petroleum, lubricants and solvents — also known as POLS — came from the daily maintenance operations conducted at installation motor pools. Seattle District removed those drums three to four years ago. However, many of the drums had

corroded, and the contents drained into the surrounding soils and the underlying groundwater. The leak from the drums was large enough to move cancer-causing contaminants four miles underground and into the drinking water at depths as great as 240 feet below the ground surface.

The district is doing something about this leak. Nearly 10 years ago Fort Lewis built a system to pull the contaminated water out, treat it and put it back in the ground. Although this system works, it has proved to be a very slow way to get the contamination out. To expedite this process, an innovative technology known as electrical resistive heating — ERH — was employed.

The simple concept behind ERH is to heat the ground hot enough so that the contaminants will volatilize. Like a bubble in water, they will raise to the surface. Add a slight vacuum to the mix and the contaminants will almost jump out of the ground. Once drawn to the surface as either a vapor or liquid, the contaminants are treated.

Those contaminants transported in the vapor are combusted at extremely high temperatures — 1,600 degrees Celsius. Those in the liquid are destroyed through air sparging. The end result is clean water sent back underground.

On Feb. 14, Col. Perrenot started up the ERH electrical power units. These units will send energy to some 157 electrodes with the sole purpose of volatilizing the contaminants by heating the ground to temperatures near 100 degrees Celsius.

This is the second of three phases to be completed. The district completed the first phase Aug. 4, 2004, and destroyed over 10 drums of chlorinated solvents and 102 drums of POLS. This second phase should be completed early summer, and the third phase is scheduled to begin in early 2006.

For information regarding this cleanup project, please contact Steve George, project manager, Steven.M.George@usace.army.mil or 206-764-6954.

- Linnea Norby



The combustion chamber, known as the thermal oxidizer, is part of the remediation process. (File photo)



From left (back row): Rich Wilson, Joe Sturza, Greg Sandberg, David Fleming, Phil Crawford, Jim Gillie and Kira Lynch. From left (front row): Linnea Norby, Col. Steven Perrenot and Maj. John Jan-gula. (File photo)

Leadership Develop Team sho

Dozens of Ballard fourth and fifth graders came together May 6 to celebrate the installation of two art projects that now enliven the bare, gray concrete walls of the Chittenden Locks fish ladder viewing room.

Students at Salmon Bay and Whittier schools in Seattle worked to create vibrant salmon wall hangings and sculpted tiles at the request of a team of Army Corps of Engineers Leadership Development Program participants who sought to brighten the fish ladder viewing area.

"It was a great opportunity to work with the local schools to create art that will beautify the fish ladder area. Plus the kids had a good time," said Bruce Hale, Corps LDP project team member.

Whittier students led by art teacher Nina Crampton completed the project to create five hanging laminated fish panels. One panel hangs above each viewing window.

"This project enabled the fifth graders at Whittier to work with professional artists and use techniques they wouldn't ordinarily come into contact with," said Crampton. "They were able work as a team to create bright, colorful pieces to hang at the fish ladder. It was an amazing experience for all of us."

Art teacher Judy Bierman oversaw the Salmon Bay students' creation of the sculpted multi-tiled "windows" that were installed opposite the actual viewing windows. The tiles illustrate the life cycle of the salmon.

"This project offered the kids a fantastic opportunity to integrate a year long study of salmon with their developing clay skills—a great integration," Bierman said. "They were able to focus in a short period of time on how to represent their ideas in clay using shade, color, and composition."

Other LDP team members included Rieta Kauzlarich, Rose Olds, Bill Garrott, and Paul Anderson.

- Patricia Graesser



From left to right: Col. Lewis, teachers Judy Bierman, Salmon Bay School, and Nina Crampton, Whittier School, and Bruce Hale cut the ribbon to mark the opening of the newly decorated fish ladder viewing room at the Locks. (Photo by Melanie Reeder)



Working as a team students at Whittier created this laminated fish panel that hangs above a viewing window in the fish ladder.

owcases two projects this year



Debbie Solis, CADD manager, shovels mulch to help with the ongoing restoration at the Union Bay Natural Area Earth Day work party. (Photo by Sheri Moore)

The modern environmental movement hit the world 35 years ago April 22, 1970, marking the first Earth Day, which is now celebrated in over 100 countries.

Seattle District recognizes the historical importance of Earth Day and how the sustainability concepts that grew out of Earth Day are reflected in the Corps Environmental Operating Principles.

Seeing the significance of Earth Day, part of this year's Leadership Development Program class took on the task of organizing various events to educate employees about personal and professional commitment to the environment as promoted by Earth Day and the EOPs.

The LDP Earth Day team started in February by hosting lunch sessions focused on the environment. Topics ranged from the history of Earth Day to transportation alternatives. They even got the daycare children involved with the festivities by showing Dr. Seuss' *The Lorax*.

When April 22 rolled around, the team prepared to host several events on different days. "It was hard work, but the team enjoyed doing it and having it all come together in the end," said Gwyn Puckett, biologist with the Dredged Material Management Office.

To kick off the official Earth Day, the team hosted a fair at Federal Center South. Numerous organizations from all over the Seattle area provided exhibits. "I was impressed by the quantity and quality of vendors at the Earth Day fair. I learned a lot about the environment," said Beth Townsend, administrative assistant in the Public Affairs office.

The Earth Day team also organized two volunteer work parties April 23, one at Seahurst Park in Burien, Wash., and one at the Union Bay Natural Area at the Center for Urban Horticulture at the University of Washington. "Both events provided an opportunity for Corps employees and their families to have some fun and to make a positive contribution to the local environment," said Evan Lewis, fish biologist with the Environmental Resources Section.

More than 25 Corps employees and their family members came to Seahurst Park to remove ivy strangleholds from trees, plant almost 100

dogwood and maple shrubs, and learn about recent Corps beach restoration activities at the park. The mountains of detached ivy and empty plant pots at the end of the event testified to the hard work of all the volunteers.

A total of 36 volunteers participated in the work party at the Union Bay Natural Area, which assisted with the ongoing restoration of a wetland and prairie/oak savannah at a former landfill site. Volunteers worked to plant oak trees, remove invasive plants and apply mulch. "The large turnout of volunteers allowed us to expand the event to include a second work area at the site," said Ken Brettmann, hydraulic engineer with the Water Management Section.

The Earth Day team members included Gwyn Puckett, Sheri Moore, Evan Lewis, Scott Lemons, Steve George, William Daniels and Ken Brettmann.

- Andrea Takash



Doug Weber, Emergency Management, and his daughter Sydney prepare to plant a tree at the Seahurst Park Earth Day work party. (Photo by Melanie Reeder)

Puget crew fights boat fire on busy boating day

A voice called for help over the radio, and the *Puget* was first on the scene, working to douse the flames that were forcing gray smoke from the cabin of the *Black Hawk* tugboat.

Even before the fireboat *Chief Seattle* could make it to the fire, Capt. Bob Kaiser motored to the site east of the Ballard bridge where smoke was piling out of the tug and into the Ballard sky. Crew members Bob Dunning and Skip Green grabbed the *Puget's* fire hoses and immediately went to work beating back the fire. Bruce Teegradin was also onboard and without hesitating jumped in and helped with the fire fighting.

It was after 3 p.m. on May 7, and just hours before the *Puget* had been cruising down Montlake Cut as part of the boat parade marking the opening day of boating season. The *Puget* took third place in the work boat category and was heading back to the Chittenden Locks in Ballard when the call for help came crackling over channel 16.

"We knew where the boat was," Kaiser said. "So we just headed over there and got there before the *Chief Seattle*, which was nearly down at the Locks." Even after the fire boat arrived, the *Puget* crew kept at it.

"The guys had the hoses on it right away and kept putting water on it until the vessel owner from Western Towboat arrived," Kaiser said.

Kaiser said the pressure from the *Puget's* fire hoses isn't real strong, "but it definitely helped."

- Patricia Graesser



Crew aboard the *Puget* use its fire hose to douse a fire on the tug *Black Hawk*. (Photo by Bob Kaiser)

Fishing vessel raised and towed to Locks

Salvage crews raised the fishing vessel *Semidi* April 12 from where it had sunk in the choppy waters near Seattle's Shilshole Bay Marina.

On April 13, crews towed the *Semidi* to the Army Corps of Engineers debris collection area north of the Hiram M. Chittenden Locks. The Coast Guard and Department of Ecology supervised the recovery effort



Fishing vessel *Semidi* sits at the Chittenden Locks waiting to be scrapped after its recovery from the bottom of the Shilshole Bay entrance channel. (Photo by Joe Gustafson)

and removed an estimated 450-gallons of diesel fuel from the boat.

Once the fuel was removed, the Corps accepted the vessel at its debris area at the Locks.

Jim Hicks, owner of the *Semidi*, was able to retrieve his personal property from the vessel. Hicks, the Coast Guard and Department of Ecology officials decided the 90-year-old vessel had no salvage potential. The Corps agreed to dispose of it.

The Coast Guard rescued Hicks April 7 after he had fallen overboard while working on his vessel. A Coast Guard small boat picked up Hicks who was severely hypothermic and was transported to Harborview Medical Center in Seattle.

The unmanned 59-foot wooden *Semidi* sank April 9 while moored to the Corps' north buoy in the Shilshole Bay entrance channel to the Locks. The cause of the sinking is under investigation.

The Coast Guard opened the Oil Spill Liability Trust Fund to pay for removal of the oil and other pollutants from the fishing vessel. The fund is used when there is no known responsible party or when the responsible party can not afford to pay for a response or clean-up of a spill. It allows the Coast Guard to immediately respond to an oil spill without having to find the responsible party. The Coast Guard may seek compensation from the responsible party.

- Patricia Graesser

Biggest wetland mitigation bank authorized

State and federal agencies came together in April to establish the biggest wetland mitigation bank ever federally authorized in Washington state.

On April 4, Seattle District, Washington Department of Ecology, U.S. Fish and Wildlife Service, and the Environmental Protection Agency signed the Washington State Department of Transportation's North Fork Newaukum Mitigation Banking Instrument and Memorandum of Agreement. Other signatories include the Washington Department of Fish & Wildlife and Federal Highways Administration.

The North Fork Newaukum Mitigation Bank will provide compensation for impacts to wetlands and other aquatic resources caused by WSDOT's highway construction projects in the Upper Chehalis watershed. WSDOT anticipates using credits from the bank for highway projects in the service area of the North Fork Newaukum Mitigation Bank, primarily the proposed widening of Interstate 5, from Toutle Park to Maytown.

The 230-acre Newaukum bank is next to the North and Middle Forks of the Newaukum River, east of the city of Chehalis, Wash., and includes 171 acres generating mitigation credits.

Mitigation banking involves the restoration, enhancement, creation and preservation of aquatic ecosystem functions to compensate *in advance* for similar adverse impacts caused by activities authorized by regulatory agencies.

"This wetland bank restores wetlands before they are lost, and it will help speed future permit approvals for the Department of Transportation," said Gordon White, manager of the Department of Ecology's shorelands program. "The ecological value for the bank site will be preserved for future generations, providing high-quality salmon and wildlife habitat."

This large bank lays the foundation for a dozen mitigation banks coming in for approval in the near future. The district is reviewing 12 mitigation bank proposals and holding discussions with prospective bankers about several additional mitigation bank projects for western Washington.

"The Seattle District believes that an effective mitigation banking program is vital to helping it protect the aquatic environment, efficiently administer its regulatory program, and provide the regulated public with fair, timely, and reasonable decisions," said Muffy Walker, acting Seattle District



Directly after the detonation, the wetland is ready for restoration. (Photo by Lauren Driscoll Washington State Department of Ecology)



Washington State Department of Transportation used explosions to create micro-depressions at the wetland. (Photo by Lauren Driscoll Washington State Department of Ecology)

Regulatory Section chief.

The ecological goals of the bank are to restore wetlands, and to enhance wetlands, shoreline, riparian upland and upland buffer adjacent to both the North Fork and Middle Fork of the Newaukum River. All Newaukum bank construction and planting activities have been completed, and the bank site is performing well, according to environmental analyst Gail Terzi.

-Patricia Graesser



One year after the detonation, vegetation is abundant in the wetland. (Photo by Lauren Driscoll Washington State Department of Ecology)



Sarah Bates and Veronica Henzi sample sediment to assess recovery at Clam Bay. (Photo by Steve Cosgrove)

Sampling sediment at Manchester Annex

Seattle District is helping transform a Formerly Used Defense Site — FUDS — once contaminated with harmful dioxins, metals and PCBs, into a thriving ecosystem where the clams of Clam Bay may once more be harvested. After an extensive cleanup process, which originated in 1987, Seattle District's Environmental Engineering and Technology Section has entered the final stage of long-term monitoring of the seeps, sediment, and shellfish to assess the bay's recovery.

Occupied since the early 1970s by the Environmental Protection Agency — EPA — and National Oceanic and Atmospheric Administration — NOAA — laboratories, the Manchester Annex stretches serenely along the western shore of Clam Bay, just west of Rich Passage in the Puget Sound. Clam Bay has been a recreational shellfishing area and is used by bald eagles and Chinook salmon, threatened species designated under the Endangered Species Act.

Owned originally by the Army since 1898, the site was transferred to the Navy in 1924. From the 1940s to the 1960s, the Navy used the site mostly to build, repair, maintain and store submarine nets and boats. The Navy also used the area for fire fighter training and as a dump for

wastes generated onsite and from the Puget Sound Naval Shipyard in Bremerton, Wash. Part of the site extended onto an adjacent state park, a Navy fuel supply depot and the marine tidelands of Clam Bay.

Over time, the former fire fighter training activities contaminated the soil with dioxins and petroleum hydrocarbons. Waves from Clam Bay caused erosion and leaching of the dumped waste from the "landfill area" into Clam Bay, resulting in contamination of sediment and shellfish in the nearshore area of Clam Bay. The sediment was contaminated primarily with PCBs and metals, and the shellfish in Clam Bay were contaminated with PCBs.

EPA and the Corps of Engineers completed a thorough site investigation in the 1990s to assess the nature and extent of the contamination and develop long-term cleanup alternatives. A detailed cleanup design was completed in June 1999, and construction began. Contaminated soil and structures were removed, a landfill cap and shoreline protection system were built, and clean sediment was placed in the nearshore area to enhance recovery of the sediments. In addition, a shellfishing restriction was put into place until it can be determined that the shellfish are safe for subsis-

tence-level consumption. Construction was completed in 2001, and a formal review in 2004 concluded that the remedy had partly achieved its intended goal of reducing risks to human health and the environment. While the former fire training area has been cleaned up, sampling results are still needed for the sediment and shellfish — clams — to determine if the beach area is clean. A clam survey in February 2004 indicated that there would not be enough biomass to sample shellfish this year.

As a result, in April, the first post-construction monitoring event for sediments began. Sarah Bates, biologist, and Veronica Henzi, environmental engineer, spent the better part of a week taking sediment samples to submit to the lab for analyses to gauge recovery.

"Given the abundance of intertidal marine life, the sounds of sea lions and the sighting of eagles in the bay, we are optimistic that Clam Bay is recovering," Henzi said.

- Steve Cosgrove

Around the district

Speaking Outreach

Mona Thomason, Planning Branch, facilitated a water resources policy dialogue sponsored by the Washington State section of the American Water Resources Association.

Michael Lamprecht, Regulatory, spoke at the American Public Works Association's Spring Urban Forum in Washington, D.C. Lamprecht spoke about the Corps and collaboration in urban areas.

Anil Nisargand, Harry Ehlers and Mamie Brouwer participated in the Society of American Military Engineers' annual TechnoBowl competition at the University of Washington School of Engineering open house. The competition was attended by 60 area high school students and their sponsors.

Jeff Laufle, Environmental Resources Section, spoke on dams, fish and public policy in the Columbia River Basin at University of Washington's Certificate Course on Environmental Law and Regulation.

Jeff Dillon, Environmental Resources Section, presented a poster at the American Institute of Architects conference on environmental sustainability. Seattle District's Seahurst Park Shoreline Restoration project was accepted as the subject of a poster with special emphasis on local, state and federal partnerships and master planning

Ken Brettmann, Water Management Section made a presentation to a graduate level Civil Engineering class on water resource planning at the University of Washington. The focus of the presentation was water management at the Corps' Howard Hanson Project and the specific challenges of the winter 2005 hydrologic drought.

Eric Nelson, Design Branch, gave a presentation on the district's shoreline projects at Lincoln Park, Eagle Harbor and Seahurst at the American Society of Civil Engineers Ports and Harbors committee meeting.

The crew of the *Puget* and Joe Gustafson attended the opening reception for the *W.T. Preston Snagboat Heritage Center* in Anacortes, Wash., April 16. Also in attendance were for-

mer Preston crew members: Sandy Welsh (captain 1975-1981), Bob Nystrom (crew 1960-67), Jon Lynch (cook 1969-1981), Stan Nelson (deckhand, hoist operator, fireman), and Ken Gordon (fireman).

Kudos

Horace Foxall and team received the Advisory Council on Historic Preservation Award recognition in Monterey, Calif. As USACE's Center of Expertise for Historical Preservation, Horace Foxall led the effort to assist the Naval Post Graduate School to find a cost-effective way to reassess their decision to tear down the oldest portions of Hermann Hall.

Michael Lamprecht graduated from the CP-18 Leadership Development Program.

Seattle District received the award for Installation Support District of the Year at the Installation Management Agency Conference. The award was for the district's Installation Support Team at Fort Lewis.

Seattle District employees were honored by the Seattle Federal Executive Board in a Celebration of Public Service. District employees were honored for outstanding individual and team accomplishments. Receiving awards were: **Brenda Bachman, Mel Bonicillo, Art Brown, Kim Carlson, Kris Dillon, Mark Elkin, Sharlene Friel, Jill Gough, Bruce Hale, Hugh Markey, John McAvoy, Flossie McQueen, Anil Nisargand, Sharon Ng, Brad Ninnis, Jeff Qunell, James Ryan, Steve Saepoff, Dean Schmidt, James Skrinde, Dave Spicer, Claudia Webb, Laura Wilson and John Zabukovec.**

Bruce Rhode, Office of Counsel, received the E. Manning Seltzer Award for special contributions to the legal services' Community of Practice at the Corps' worldwide legal services conference.

Farewells

Maj. John Jangula, acting Deputy District Engineer, received a position with I Corps at Fort Lewis, Wash.

Dave Garton, Real Estate Division, left the Corps after many years for a job with the National Oceanic and Atmospheric Administration.

Steve Martin, Environmental Resources Section, retired at the end of April with more than 30 years of service.

In Memory

Joe Vasey was a former soils engineer with the Geotechnical organization.

Ernie Sabo's primary job was in geotech as a sub-surface exploration — drilling. It's as a floodfighter that Ernie's story begins to merge into legend. He was a district floodfighter from 1960 to 2003, when he retired after 60 years of federal service. The volunteer spirit is an integral part of the Ernie legend. The district could always count on him to help get food together for functions or to be Santa Claus for the district kids of all ages. Ernie summed up his approach to work and life during an interview some time ago: "I like to put in a good day's work for a good day's pay. Every day's a new challenge. No two days are the same."



Syd Steinborn worked at Seattle District from 1945 to 1975. He was chief of Engineering Construction from 1962 to 1975. After his retirement, the district presented him the honor of Distinguished Civilian Employee.



Welcome Home

Iraq

Lt. Col. John Leighow
Capt. Darren LeMaster
Jacob Davis
Donna Decker
Mahlon Good
Lonnie Hansen
Reginold Haywood
Carol Hewes
James Jones
Stephen Marchand
Mary Morgan

Afghanistan

Maria Or
Connie Burris
Bill Graney
Avril Jones
Michael Peterson
Robert Smith Jr.

Welcome to the district family



Elyse McWilson
Daughter: 8 lbs, 3 oz
Joanne McWilson,
Construction Division



Clara Elizabeth Benton
Granddaughter: 8 lbs, 6 oz
Nancy Camp,
Chief Joseph Dam



Amy Ebnet
Geologist
Geology and Instrumentation



Casey Ehorn
Regulatory Support Assistant
Regulatory Branch



Capt. Matt Bryant
Project Manager
Military Branch



Julie McLeod
Office Automation Assistant
Emergency Management



Sonya Kuhns
Administrative Assistant
Construction Division



Gwen Nold
Personnel Assistant
Human Resources



Ann "Annie" Margaret Johnson
Daughter: 7 lbs, 14 oz
Alicia Austin Johnson,
Planning Branch



Benjamin Warren Allen
Son: 7 lbs, 10 oz
Julie Allen,
Engineering Construction Division

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memorials. Guest features are welcome, or if you just like to write, we want to hear from you. Please contact the editor, andrea.m.takash@us.army.mil or (206) 766-6447.



Consultation review groups for Puget Sound and Adjacent Waters Restoration program workshops, held May 11 and 12, determine regional environmental issues. The workshops, sponsored by Seattle District and held in both Belfair and Seattle, provided an open opportunity for participants to give feedback on how the program can best meet the needs of the Northwest. (Photo by Leslie Kaye)

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