

Tower Times

Rock Island District's News Magazine

March 2012



Testing for Asian carp



**US Army Corps
of Engineers** ®
Rock Island District

Tower Times

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March 2012

ON THE COVER



Kelly Baerwaldt pours a water sample from the Chicago Area Waterway System into a vacuum filter in order to process it for the presence of bighead or silver carp DNA.

Photo by Hilary Markin.

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Tower Times

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A message from....

Colonel Shawn McGinley, District Commander



Asian carp challenge spotlights important work for District

It shows up in the headlines of national news and it is discussed at length at the highest levels of government. “It” is the Asian carp issue and those invasive fish have been the subject of heated debates and Supreme Court litigation.

Anyone who has paid attention to the news and followed the stories of how best to thwart the ongoing scare presented by the Asian carp probably has a good understanding of the challenges related to the invasive species of fish. What is sometimes lost in the media stories is the incredible work that so many are doing to help solve the crisis. The Rock Island District is one of many agencies diligently working issues related to Asian carp.

The Chicago District and the Great Lakes and Ohio Rivers Division are leading the Corps’ efforts, teaming up with a variety of partners as part of the Asian Carp Regional Coordinating Committee (ACRCC). The ultimate goal of all involved is to prevent the further proliferation of the fish and most importantly, prevent the population’s spread from the Illinois River into habitats like Lake Michigan. Electric barriers have been in place for some time to prevent the fish from making it into Lake Michigan. Without the barriers, the fish could spread into those waters and cause detrimental problems to the existing ecosystem and fishing industry.

As the Rock Island District is providing a supporting role, our primary focus has been monitoring the species. In that role, our folks are doing some pretty innovative, transformative work. DNA is a common term in today’s vernacular and the science of DNA is providing an important instrument in facing the challenges presented by the Asian carp. Environmental DNA, or eDNA, is a genetic surveillance tool used to monitor for the presence of bighead and silver carp, the two invasive species of Asian carp. eDNA is currently used by the ACRCC Monitoring and Rapid Response Work Group above the electric barrier in the Chicago Area Waterway System (CAWS).

eDNA is a new method that is still being refined but is useful for the Asian carp fight because the sensitivity of this method enables more accurate samples of “rare” populations. It’s not very often you use “Asian carp” and “rare” in the same sentence, but by definition, the Asian carp population above the barrier, if it exists at all, is classified as rare because only one individual bighead carp has been caught above the barrier.

Kelly Baerwaldt, a Rock Island District biologist who is part of the Regional Planning and Environmental Division, North, is leading our efforts with eDNA. As the eDNA Program Manager she is overseeing and coordinating the eDNA sampling on not only the CAWS but also regionally. Although much of the news stories focus on the existence and possible spread of the fish on the Illinois Waterway, the species has been found elsewhere and Baerwaldt is assisting in those regional monitoring efforts.

The eDNA surveillance is one tool being used to monitor the fish but Baerwaldt and her teammates are also using telemetry. As the Monitoring Team Lead for the Corps, Baerwaldt is leading a group of biologists who are overseeing telemetry efforts. Telemetry is the method of surgically implanting transmitters into fish, releasing them, and tracking their movements. Telemetry has been used since 2010 to assess the efficacy of the barrier. In other words, is the barrier stopping the upstream movement of fish? Data has indicated that the barrier is working. In fact, we have 182 tagged fish with nearly four million detections that indicate no tagged fish have been able to cross the barrier in the upstream direction. It’s important to note that no Asian carp are tagged and released near the barrier.

The work that Baerwaldt and her team are doing is extensive but our District is involved in other ways. An underwater acoustic camera known as DIDSON is being used to observe fish near the barrier and is providing critical data. Our partners with the U.S. Fish and Wildlife Service are leading the effort with regard to DIDSON but Rock Island District is heavily involved. Mark Cornish, another of our District’s biologists who is part of the Regional Planning and Environmental Division, North, is the USACE coordinator for DIDSON. The Corps is providing interpretation of the data gathered by DIDSON and Cornish is integral to that operation.

There is no doubt the existence of Asian carp has many people and organizations concerned, and rightfully so. But, it should be recognized that many people are working tirelessly to solve the myriad of problems the invasive fish present.

All of you throughout the District are facing tough challenges and meeting them head on. Our folks who are tackling the Asian carp situation are yet another representation of great work in support of our regional and national partners. Although much of the Asian carp stories tend to be negative across the media, our efforts are something to be proud of and spotlight capabilities that are critical to solving the Asian carp challenge. Keep up the good work and continue **BUILDING STRONG®**. 

Make every day Earth Day

By Hilary Markin, Editor

Every year, April 22 is Earth Day – a day that raises environmental awareness around the world. But it doesn't have to be just one day - make every day Earth Day.

The Natural Resources Program at Coralville Lake started holding Earth Day events in 2008. Staff invited participants to complete a service project in exchange for free camping, a t-shirt, lunch, and chili for dinner along with live music entertainment.

“Our hope was for 50 people to sign up - we had 124 - in spite of cold, rainy weather,” said Mary Sue Bowers, natural resources specialist.

Not only did a lot of work get accomplished but Coralville staff found that their batteries were “re-charged” during the event to continue facing the challenges presented by invasive plants and animals, concerns from the public and budget constraints.

Word spread quickly about the event and in 2009 they were asked to host the Boy Scout Red Cedar District Spring Jamboree in conjunction with the Earth Day event.

“We agreed and 556 people registered for the event,” said Bowers.

The entire staff at Coralville participated, completing eight projects in one day.

“Despite the success of the event, we decided to limit future events to 200 participants to make it more manageable,” said Bowers.

Scaling back a bit in 2010 – 118 participants completed five service projects. From there the conversations started amongst a core group of volunteers, including former Natural Resource Specialist Leo Keller, who currently works in the Water Quality and Sedimentation Section for the District.

“We began talking about the need to offer more volunteer opportunities and that every day needed to be Earth Day,” said Keller.

The Natural Resources staff put their heads together and began a series of monthly volunteer events in 2011, with events starting



Mary Sue Bowers, natural resources specialist, Coralville Lake, and an Earth Day event volunteer collect prairie seed during fall 2011.



Randy Haas, acting operations manager, Coralville Lake, and Earth Day event volunteers show their collection of garbage found along the shoreline of Coralville Lake during the 2010 Earth Day event.

in March and ending in November. Service projects ranged from timber stand improvement, to removal of invasive species, to the collection of prairie seed for restoration projects.

“The programs are grounded in the belief that the only way to successfully manage our public lands is to actively engage and involve the public,” said Bowers.

Of the more than 9,400 volunteer hours donated to the Coralville Lake Project in 2011, 1,850 hours, involving 545 participants, were assisting Coralville Lake staff in reaching natural resource program goals and raising awareness of the environment.

The staff at Coralville Lake also incorporated short educational programs at the beginning of the service project to explain the environmental issue being addressed during the work event.

The 2012 Natural Resource Volunteer Program at Coralville Lake will kick-off on March 24 with a timber stand improvement project near Veteran's Trail to improve the existing oak and hickory woodlands.

As an added incentive, Coralville Lake provides camping on designated volunteer weekends for participants who provide a minimum of five hours of volunteer service.

Become engaged, entertained, educated and involved in YOUR environment – make each day an Earth Day.

For more information visit Coralville Lake's website at <http://www.mvr.usace.army.mil/Coralville/naturalresourcevolunteer-proje.htm>. 

Customer Relations: It's everyone's job

By Angela Freyermuth, Outreach and Customer Relations Specialist

The purpose of the District's Outreach and Customer Relations program is to ensure we are listening to our customers and providing them with the best service possible. However, it takes all of us to make customer relations truly successful.

Whether you are drawing up plans for a new environmental restoration project or doing hydrological testing on one of our rivers; you play an important role in making our customers happy.

For the past six years the U.S. Army Corps of Engineers has been conducting a military and civil works customer satisfaction survey which has provided the Corps with valuable feedback on how to better serve our customers. While some of the feedback requires an act of Congress to make a difference, there are several small steps we can take to ensure our customers are receiving the best service possible. Here are a few tips to get you started down the right path:

Be Proactive

Be proactive with staff turnovers and sharing of institutional knowledge, something that is repeatedly mentioned by customers. It is important to share project and customer information with your project development team and others. If you leave a project, take time to review project and customer information with your replacement. You may even schedule a meeting with the customer so he or she can meet your replacement.

Contact Your Customer Regularly

If you are the main point of contact, you should be contacting your customers on a monthly basis to discuss project status, budget issues and any other concerns they might have. These conversations will give you the ability to make adjustments to the project and develop a working relationship with them before issues occur.

Train and Mentor Staff about Customer Relations

Another way we are ensuring superior customer service is providing formal customer relationship training to various Corps employees. While caring for the customer comes natural for some, others may require a bit more training to understand how to work with customers. As of January 2011, the Corps established a Customer Relations Management Course in which program managers and senior leaders are taught how to develop a strategic customer relationship plan and how to properly communicate with their customers. Last November, the District hosted a Customer Relations Management Course in which 16 employees were trained in customer relations and a District-wide customer relations plan was developed.

These are just a few ideas to help the District improve customer relations. If you have additional questions about your role in customer relations, please feel free to contact the District Outreach and Customer Relations Specialist at (309) 794-5341. 

Make someone's day

Employee recognition is an important communication tool that reinforces and rewards people who significantly contribute to the Rock Island District and Corps of Engineers.

It is common to hear, "Why should I recognize or thank them? They are just doing their job."

When you effectively recognize people for their hard work and dedication, you reinforce the actions and behaviors you want employees to repeat. Put simply - when people feel recognized and cared about, they produce better products and work harder.

The Rock Island District Awards Program is a tool that can be used, in addition to other less formal methods, to help employees and coworkers feel important and appreciated.

Nominations for Employee of Year are currently being accepted. There are eight award categories including Engineer of the Year; Supervisor/Manager; Professional Occupations; Technical/Administrative; Clerical, Assistant, and Technician; Federal Wage System (Trades, Crafts, and Laboring Occupations); Public Contact; and Community Service. Nominations are due April 3.

If you have questions or would like to nominate someone contact the Incentive Awards Committee at (309) 794-5436. 

Rock Island District - **BUILDING STRONG®**

ONE DISCIPLINED TEAM - in thought, word, and action - meeting our commitments, with and through our partners, by **"SAYING WHAT WE WILL DO, AND DOING WHAT WE SAY."**

Helping others one unit at a time

By Donna Hardy, District Blood Drive Coordinator

Add giving blood to your to-do list this spring and help save a life. Blood donation is a safe, simple procedure that takes about 45 minutes to one hour. The Mississippi Valley Regional Blood Center (MVRBC) will be at the Clock Tower Building on April 26 making it convenient to donate.

In order to donate blood you must be at least 17 years of age, weigh at least 110 pounds and be in general good health. To learn more about donor eligibility go to www.bloodcenter.org.

The blood donated to the MVRBC provides blood and blood components that help save lives at more than six dozen hospitals in Illinois, Iowa, Missouri and Wisconsin.

Give the gift of life and donate blood today.

You don't have to wait to schedule your appointment – do it online at <https://www.bloodcenterimpact.org> and use code 030 for the Corps of Engineers. If you are not available on April 26 and would like to participate you can visit any of the blood



Rick Nickel, assistant chief, Design Branch, Engineering and Construction Division, donates blood in the ABC Conference Room.

donation locations in March and April and mention the Corps of Engineers and it will “count” towards the Corps donations.

For additional information, visit www.bloodcenter.org or call toll-free (800) 747-5401. You can also contact the District Blood Drive Coordinator at (309) 794-5382. 

A personal story - Receiving the gift of life

I have donated blood at Corps blood drives several times over the past 20 years, but I never really thought about who benefits from blood donations until last fall. On a beautiful September Thursday afternoon I found myself in Trinity's Emergency Room (ER) after nearly passing out while having lunch with a friend.

The ER doctor had done a blood draw and the results revealed that I was dangerously anemic. My hemoglobin count was 6.7 (normal range for a woman my age is 12-14). The doctors and nurses explained to me that because my blood count was so low, I was very close to having a heart attack and that I WAS experiencing abnormal heart rhythms. I had missed the symptoms of the anemia (chest pain, dizziness, fatigue, headaches, problems concentrating, shortness of breath, tingling) due to another medical condition and some of the medications I normally take. I was so weak and dizzy that I couldn't stand by myself, they hooked me up to a heart monitor and I was immediately admitted. Within hours they started giving me blood transfusions. That night I was given three units of blood. The next morning my count was up to 10. After some inconclusive tests I was allowed to go home but had to go to the lab for a daily Complete Blood Count (CBC) and further outpatient testing.

By the following Wednesday I was very weak again and my CBC showed that my hemoglobin count was back down to 7. They again admitted me and I received two more units of blood. The next day, they had me swallow a pill camera, which took pictures of my digestive system over an 8-10 hour period. Upon reviewing the pictures, the doctor determined that I had a small bleed in my small intestine (probably brought on by taking non-steroidal anti-inflammatory drugs). They were able to close that during an outpatient procedure a few days later. But I still had a long recovery ahead of me.

You would think that they would have started these immediately in the ER, right? Well my blood type is O negative. Which is the universal donor; in an emergency anyone else can be given my blood type. However, a person with O negative can ONLY receive O negative blood. The blood center and the hospital work together closely to match and cross type the donor blood to the patient. So before each transfusion, they would draw a sample and check to assure that I would be receiving the best possible donor blood match. Also within the first 15 minutes of the transfusion, the nurse watches the patient closely for any adverse affects, then they check vitals every 10 minutes for the first hour, then every 15 minutes until the unit is completely delivered. It takes from 3-4 hours for each unit to be administered. (Try and sleep through that – remember I had three units overnight.)

So if you think it takes time out of your day to give blood, it's nothing compared to receiving blood. For most people the entire process of donating takes less than one-half hour.

For the past several months I have had to take several doses of iron supplements daily and had to have regular blood draws to see how I am doing. I was unable to work for about a month after the incident and then only part time for a few months. Six months later, I am still under the doctor's care and still have to go for regular blood tests, I am still anemic, but as long my hemoglobin is slowly climbing I hopefully won't have to have any further transfusions. But if I do, I know I can thank all the people who donate blood because without you, I wouldn't be here today. ~ Sue Apple, Regulatory Branch 

National Women's History Month

National Women's History Month is an opportunity to honor and celebrate women's historic achievements. This year's theme is Women's Education-Women's Empowerment.

According to the National Women's History Project Web site, although women now outnumber men in American colleges nationwide, the reversal of the gender gap is a very recent phenomenon. The fight to learn was a valiant struggle waged by many tenacious women—across years and across cultures—in our country. After the American Revolution, the notion of education as a safeguard for democracy created opportunities for girls to gain a basic education—based largely on the premise that, as mothers, they would nurture not only the bodies but also the minds of (male) citizens and leaders. The concept that educating women meant educating mothers endured in America for many years, at all levels of education.

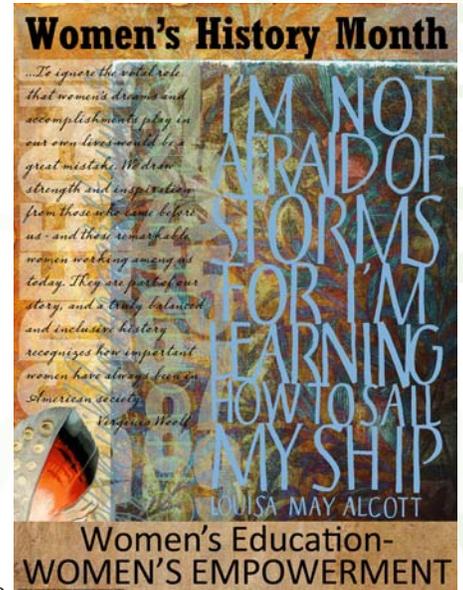
Pioneers of secondary education for young women faced arguments from physicians and other “experts” who claimed either that females were incapable of intellectual development equal to men, or that they would be harmed by striving for it. Women's supposed intellectual and moral weakness was also used to argue against coeducation, which would surely be an assault on purity and femininity. Emma Willard, in her 1819 Plan for Improving Female Education, noted with derision the focus of women's “education” on fostering the display of youth and beauty, and asserted that women are “the companions, not the satellites of men”—“primary existences” whose education must prepare them to be full partners in life's journey.

While Harvard, the first college chartered in America, was founded in 1636, it would be almost two centuries before the founding of the first college to admit women—Oberlin, which was chartered in 1833. And even as “coeducation” grew, women's courses of study were often different from men's, and

women's role models were few, as most faculty members were male. Harvard itself opened its “Annex” (Radcliffe) for women in 1879 rather than admit women to the men's college—and single-sex education remained the elite norm in the U.S. until the early 1970s. As coeducation took hold in the Ivy League, the number of women's colleges decreased steadily; those that remain still answer the need of young women to find their voices, and today's women's colleges enroll a far more diverse cross-section of the country than did the original Seven Sisters liberal arts colleges.

The equal opportunity to learn, taken for granted by most young women today, owes much to Title IX of the Education Codes of the Higher Education Act Amendments. This legislation, passed in 1972 and enacted in 1977, prohibited gender discrimination by federally funded institutions. It has become the primary tool for women's fuller participation in all aspects of education from scholarships, to facilities, to classes formerly closed to women. Indeed, it transformed the educational landscape of the United States within the span of a generation.

Information from the Defense Equal Opportunity Management Institute. 



Defense Equal Opportunity Management Institute

Some local women's groups in the Quad Cities

National Association of Women In Construction (NAWIC) *Quad Cities Chapter 50*

The Quad Cities National Association of Women in Construction is a self-governing, not-for-profit group organized to promote and support women involved in construction related fields. NAWIC provides community awareness, professional leadership and educational programs, and national and local scholarship programs. The Quad Cities NAWIC can be reached at: NAWIC QC#50, P.O. Box 3271, Davenport, IA 52808; or email: info@nawicqc.org.

Society of Women Engineers *Quad Cities/Muscatine Section*

The Society of Women Engineers (SWE) is a not-for-profit educational and service organization that empowers women to succeed and advance in the field of engineering, and to be recognized for their life-changing contributions as engineers and leaders. You can contact the Quad Cities/Muscatine Section at: QC/Muscatine SWE, P.O. Box 235, Bettendorf, IA 52722 or email swe.qcm@swe.org.

National Organization for Women (NOW)

NOW was founded on the belief that women must have equal representation in areas of society, business, government, and education around the world. Some of the Quad Cities NOW issues include equal pay in the work force, reproductive rights, equal marriage, the Equal Rights Amendment, Title IX enforcement, ending racism and homophobia in our society. The Quad Cities NOW is a non-profit organization in Rock Island, Illinois. Email manonboard@q.com or visit the Web site at <http://NOW.org>.

Iowa/Illinois Women in Defense

Women In Defense (WID), a National Security Organization, an affiliate of the National Defense Industrial Association, is a professional organization for individuals whose careers are related to the defense of the United States and national security. WID provides its members with opportunities for professional development, a forum for exchanging ideas and experiences, and a vehicle for expanding networks. The Quad Cities WID can be contacted at P.O. Box 4932, Rock Island, IL 61204-4932, phone (309) 912-2044.

SAFETY CORNER

Tornado Safety



Tornadoes are nature's most violent storms. They appear as a rotating, funnel-shaped cloud that extends from a thunderstorm to the ground with whirling winds that can reach 300 miles per hour. Damage paths can be in excess of one mile wide and 50 miles long. Although tornadoes are more common April through June, they can happen at anytime.

With this in mind it is a good idea to review how to react to a tornado. The Midwest is a common place for tornadoes and it is easy to not take the situation seriously. Remember, tornadoes can be unpredictable and appear without warning when weather conditions are favorable, so it is important to be prepared.

Being Prepared

- Have an emergency plan that includes:
 - Shelter location
 - Systems that ensure everyone is accounted for
 - Steps for any hazardous material on the site
 - Safely securing equipment
- Have an emergency kit that includes:
 - Flashlight
 - Battery operated weather radio and regular radio/extra batteries
 - First aid kit
 - Bottled water and canned non-perishable foods
 - Candles and matches
 - Sturdy shoes and work gloves



Know the Terms

- **Tornado Watch** - Tornadoes are possible. Remain alert for approaching storms. Watch the sky and stay tuned to a weather radio, commercial radio or television for information.
- **Tornado Warning** - A tornado has been sighted or indicated by weather radar. Take shelter immediately.

Inside

- Avoid auditoriums, cafeterias and gymnasiums that have flat, wide-span roofs; instead, take shelter in the places below:
- A small interior room or hallway on the lowest floor possible
 - Stay away from doors, windows, and outside walls
 - Stay in the center of the room, and avoid corners because they attract debris

- Choose rooms constructed with reinforced concrete, brick or block with no windows and a heavy concrete floor or roof system overhead
- Protect your head (put on a helmet or hard hat); the most common injuries are to the head

Outside

Never try to outrun a tornado in a vehicle or on foot (leave the vehicle immediately for safe shelter)

- Lie flat in a nearby ditch or depression and cover your head with your hands (be aware of the potential for flooding)
- Do not get under an overpass or bridge (you are safer in a low, flat location)
- Watch out for flying debris

After the Fact

When the tornado is over, there are still dangers to watch out for and protect against.

- Hazardous driving conditions due to slippery and/or blocked roadways
- Slips and falls due to slippery walkways and uneven surfaces
- Falling and flying objects such as tree limbs and utility poles
- Sharp objects including nails and broken glass
- Electrical hazards from downed power lines or downed objects in contact with power lines
- Falls from heights
- Burns from fires caused by energized line contact or equipment failure
- Exhaustion from working extended shifts
- Heat stress and dehydration

Please contact your supervisor or the District Safety Office to learn more about your offices emergency action plan. More information can also be found at www.ready.gov. 

Did you know...

The average tornado moves Southwest to Northeast, but tornadoes have been known to move in any direction. They are most likely to occur between 3 and 9 p.m., but can occur at any time.



Spotlight on the District

John Perrault Marine Machinery Mechanic Structures Maintenance Unit II, Maintenance Section, Illinois Waterway Project, Operations Division

John Perrault grew up in Dover, Del., and joined the Army following high school. He served in the Army for 11 years which included a tour in Korea during Desert Storm. He then joined the National Guard where he served as a federal service guard technician at Fort Stewart, Ga., working on tanks for the guard.

He met his wife Lisa, who was also in the Army, while stationed in Georgia. After they married they wanted to move back to Illinois where she was from. An opportunity with the Corps became available and in 1997 Perrault began working as a marine machinery mechanic for the Illinois Waterway.

“The career chose me,” he said when asked about his career path. “I wanted to stay with federal service since I already had quite a few years in.”

Perrault works on boats, cranes, barges, generators basically taking care of the fleet equipment to ensure they are in operational order. He also handles some of the paperwork and purchases.

“I’ve spent my entire career doing mechanics,” said Perrault.

He took military leave from the Corps from Dec. 2003 to Feb. 2005 deploying in support of Operation Iraqi Freedom with the Illinois Army National Guard 1st Battalion 106th Aviation Regiment in Peoria, Ill. He retired from the National Guard in June 2005 following 12 years of service.

In the blink of an eye your life can change forever

A life changing event for Perrault occurred one year ago on March 2 when he was involved in a workplace accident that resulted in the amputation of his left leg below the knee.

“I never loss consciousness,” said Perrault. “The entire crew came together to get me to safety and to emergency personnel.”

Since his accident he has a new outlook on life. He has recently purchased a motorcycle bringing back the days when he was younger working at a motorcycle shop in Delaware.

“Life is too short,” said Perrault.

He has had a long journey but has persevered through it by staying positive. A program through the Comprehensive Prosthetics & Orthotics in Peoria, Ill., has also helped. The program focuses on paying-it-forward and brought other amputees into his life sharing their stories and what he may face during his journey.

“I hope that I get the opportunity to pay-it-forward,” said Perrault in hopes of sharing his journey with the next person to help them cope with the experience.

“In fact, this morning one of the guys called me to see how I was doing. It has been another support system,” said Perrault.

He has been impressed by the outpouring of kindness from the District and is very thankful for the support during his journey.

“I am very appreciative of those who have helped me along the way,” said Perrault. “I am very thankful to still be here and have everything I had before – but now I look at things differently.”

He and his wife Lisa have four children and two grandchildren.

When asked about advice he shared this “Take every moment in a careful manner. Don’t rush into things and think every step through. Anticipate the unexpected and think about the ‘what ifs.’” 



John Perrault stands on the barge where a workplace accident more than a year ago resulted in part of his leg being amputated.



The Illinois Waterway Structures Maintenance Unit II were critical in assisting Perrault during and after the accident. From left are Kenny Mulally, John Burger, Matt Brown, John Perrault, Craig Williams, and Doug Schaer. (Photos by Russell Stilwell)

Around the District



Brian Sebastian, Miller Fall Protection (right), uses volunteer Cary Hahn, Structures Maintenance Unit, Maintenance Section, Mississippi River Project, to demonstrate the proper wearing and use of a fall-protection harness.

Marine Safety Seminar

The biannual Marine Safety Seminar was hosted by the Illinois Waterway in February. The Marine Safety Seminar brings together maintenance crews from the Illinois and Mississippi rivers to complete required training. Topics include required training from Security and the Equal Employment Opportunity Office, CPR, First Aid and AED training; presentations from Resource Management, the Civilian Personnel Advisory Center and Safety Office. There were also sessions on various safety topics presented by industry personnel including respiratory protection, power and hand tool safety, hand protection, gas detection, and fall protection, just to name a few.

The seminar concluded with remarks from Col. Shawn McGinley, district commander, leaving participants with one final thought, "There is nothing we do that is important enough that you have to risk your life to get the job done. Just stop and do the right thing." 



In an effort to reduce the costs associated with printing and mailing the Tower Times please consider signing up to receive it electronically. You can do so by sending your name and e-mail address to Hilary Markin at Hilary.R.Markin@usace.army.mil.

Did you know...In 2010 63.5 percent of the paper used in the U.S. was recovered for recycling. This represents an 89 percent increase in the recovery rate since 1990. (*Paper Industry Association Council*)

Please send birth announcements, engagements, obituaries and other items of interest for the Tower Times to Corporate Communications at cemvr-cc@usace.army.mil.

Support & Sacrifice for Corps



Thanks to our employees who are deployed to the Afghanistan Engineer District - North (AEN) and the Afghanistan Engineer District - South (AES)!



Andrew Barnett, AEN



Charles Bauer, AES



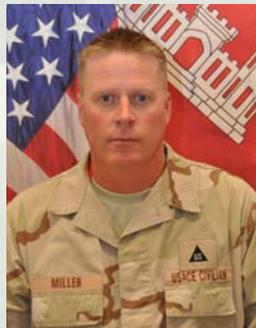
Mark Hoague, AEN



Celeste Iverson, AEN



Brian Lane, AEN



Mark Miller, AEN



Kurt Reppe, AEN



Gordon Rush, AEN

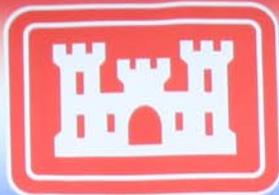


Can you name where this is? If so, send your answer to Hilary.R.Markin@usace.army.mil. The first correct answer will receive a special prize and be recognized in the next Tower Times.

February - What 600-foot lock in the Rock Island District had brand new miter gates installed in 1985?

Answer - Lockport Lock - **Winner** - Rick Granados, Mississippi Valley Division

DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, ROCK ISLAND
CLOCK TOWER BLDG. - P.O. BOX 2004
ROCK ISLAND, IL 61204-2004



Welcome to Corps Day

Mark your calendar...

2012 Corps Day - June 14

10:30 a.m. - 3 p.m.

Memorial Field, Rock Island Arsenal

Awards - Food - Fun

New Engineer Olympics - stay tuned for more information...

Corps Day is brought to you by RIDWA and the Corps Day Committee. Fundraisers are held throughout the year to fund the event, additional donations are always welcome.