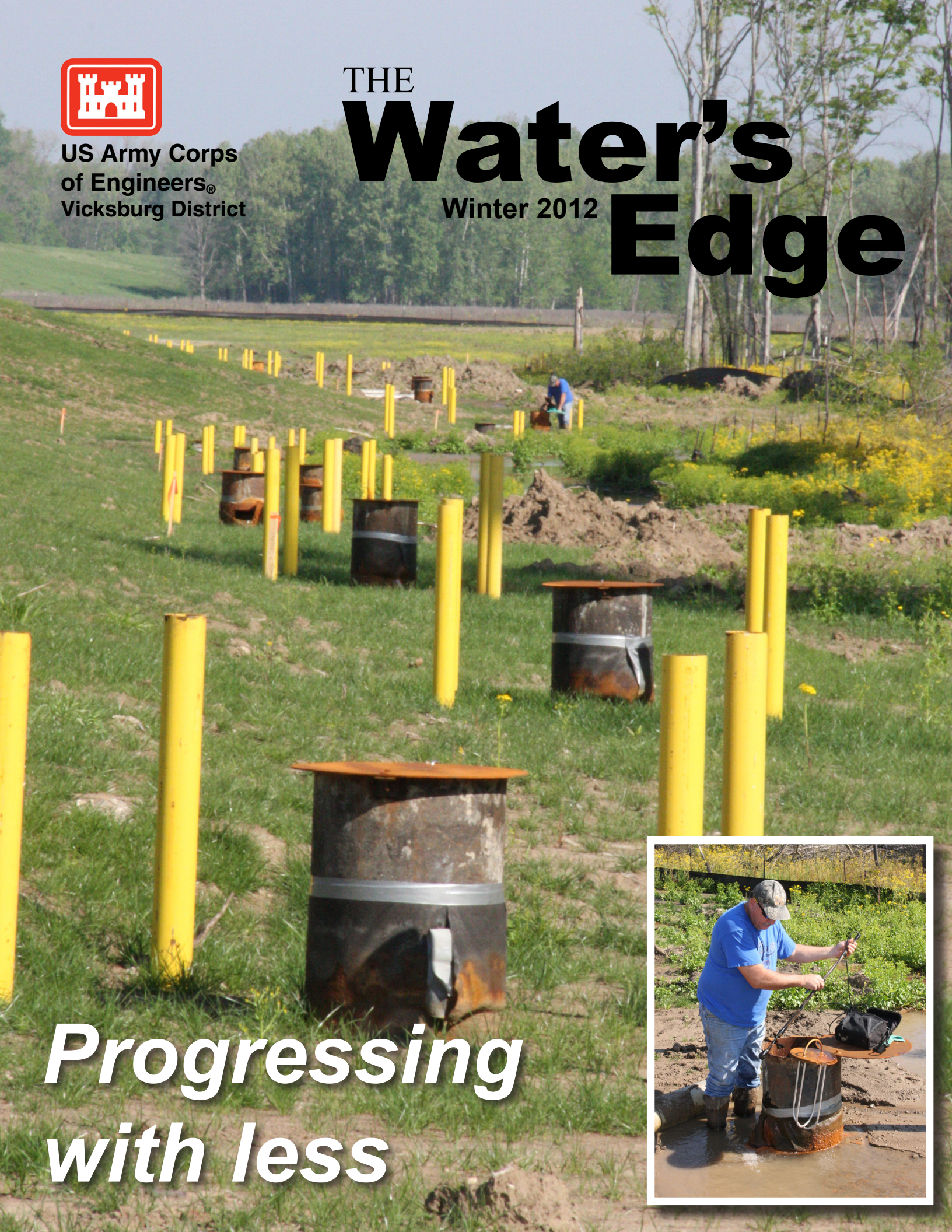




US Army Corps  
of Engineers®  
Vicksburg District

# THE Water's Edge

Winter 2012



*Progressing  
with less*





### US Army Corps of Engineers®

News magazine of the Vicksburg District  
U.S. Army Corps of Engineers

**Commander and District Engineer**  
COL Jeffrey R. Eckstein

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• Authorization: The Water's Edge is an authorized magazine of the Vicksburg District. The Water's Edge is published quarterly in accordance with provisions of Army Regulation 360-1, is designed on a desktop publisher and is printed by offset.

• Circulation: Varies.

• Submission: News, features, photographs, and art are welcome.

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Commander's Corner Colonel Jeffrey R. Eckstein .....	3
Mississippi Valley Division proposes Dam Safety Modification Production Center .....	4
Vicksburg District's regulatory team ramps up community effort for Earth Day .....	6
Photos of Math Counts .....	10
Photos of Job Shadowing and Adopt-A-School .....	11
District welcomes back three more team members .....	12
Construction and Engineering Division chief receives Black Engineer of the Year Award .....	13
District team member returns from fourth Iraq tour .....	14
District selects overall winners of Black History Month Poster Contest .....	15
Louisiana Field Office conducts 2012 eagle survey .....	16
Arkabulta Lake hosts 12th Mid Winter Bald Eagle Survey .....	18
A rare sighting .....	19

#### Need to Know

##### PEOPLE

James Ross, Henry Dulaney and Ed Claypool

##### PROCESS

Modeling, Mapping, and Consequences Production Center Products  
Advance USACE Flood Fighting Capabilities

##### PROJECTS

Earth Day



### On the Cover

**Jay Sims, geologist, documents water  
flow data of relief wells at Buck Chute.  
Photographs by Kavanaugh Breazeale**

# Commander's Corner

with Colonel Jeffrey R. Eckstein



## Greetings to all,

I trust you are enjoying spring and did not notice much of a winter this year. We are in the midst of emergency operations season. The potential for flood fighting and hurricanes have increased. I appreciate all the volunteers for our various response teams. You all did a tremendous job last year as the Corps of Engineers responded to a record number of events to include the record Mississippi River flood. Remain prepared and stay vigilant.

I thank everyone for their efforts in preparing multiple work plans, inputting data into P2, and revising schedules over and over. We now have a solid plan for executing our current year program in addition to a substantial supplemental program. It is important that we do what we said we could do with the funding providing. Our execution will demonstrate our technical competence as the leading public service engineering and project management organization in the nation, as well as rapidly repairing the Mississippi River and Tributaries Project (MRT). Repair of the MR&T system is one way we demonstrate our value as well as provide a tangible level of risk reduction to the citizens of the region.

We continue to make good progress with our OPLAN. We continue to have solid support for our Overseas Contingency Operations requirements. The project managers did another fantastic job on the civil works survey with a score of 4.56 of 5.0 with a 96% response rate. Our Quality Management System validation and entry of new processes also continues on schedule. We continue to add certified professional to our roles through your focused efforts and willingness to undergo the exam. One area we need to emphasize is participation in professional organizations. Your participation allows your peers to understand what the District is working on, allows you to enhance your understanding of your chosen field, and facilitates an exchange of knowledge. If you are not a member of an organization, I encourage you to seek one out and participate.

One last item to highlight from the OPLAN: the command climate survey. This requirement came from the off site. We had 52% of the employees participate in the survey. We received many good comments and I appreciate everyone's feedback as well as your time. I will highlight a few items we will work on in the future. Our senior leaders need to receive more feedback throughout their organization. The chain of command is usually good but can often be overly focused on information flow and mission execution and not take the time to explain the big picture. We need to improve-communication in both directions. There is significant frustration with the amount of time we input data into the system and answer data calls. I acknowledge that the process does not add immediate value to the project but it is the method by which we gain funding. This situation is why continuing resolutions and the lack of an approved budget decreases our efficiency and is a negative impact on government agencies. Justifying the supplemental appropriation this year only doubled that effort and frustration. In the last area, we had mixed reviews on the quality of work, your level of job satisfaction, your access to valuable training, immediate supervisors holding employees accountable for both good and poor performance, and developing subordinates through Individual Development Plans and training opportunities. I will continue my blogs on the INET in order to communicate with you all and meet my OPLAN requirement.

We are into the construction and recreation season. I ask everyone to take some time to evaluate their work areas for hazards, take mitigation actions as appropriate, and remain vigilant. Please do the same at home and during your off duty outings. Water safety and motorcycle safety are two of my greatest concerns. Be Safe! We will be busy the remainder of the year. I do appreciate everyone's support to the mission and your dedication to our nation. Your efforts do make a difference.

# Modeling, Mapping, and Consequences Production Center products advance USACE flood fighting capabilities

By Joey Windham

Photo by Alfred Dulaney

The Hydraulics Hydrology and Coastal (HH&C) Community of Practice has been tasked to establish a U.S. Army Corps of Engineers (USACE) Modeling, Mapping, and Consequences Center (MMC) Production Center. The purpose of the MMC is to fill the joint needs between the Office of Homeland Security (OHS) and Engineering and Construction (E&C). Ron Goldman, a civil engineer at the District, is the director of the MMC, and assumed the task of establishing this organization within the Vicksburg District. The MMC formulation was initiated in September 2008 and began production in January 2009. The MMC now consists of more than 100 members from seven divisions and 22 Corps districts.

The MMC supports both the Critical Infrastructure Protection and Resilience Program led by USACE OHS and the dam and levee safety program led by E&C. The MMC leadership and core staff is in the Vicksburg District. The production center's staff includes hydraulic engineers, economists, and geographic information systems (GIS) professionals across USACE. The following are the major initiatives for the MMC:

- Develop consistent and scalable hydraulic models for USACE dams that are capable of providing consistent and reliable estimations of the risks to society that result in damages due to extreme floods or failures due to natural disasters, flaws or attacks.
- Develop consistent mapping for delineation of

flooded areas resulting from damaging releases to be used to compute consequences to society and scalable consequence data that will provide consistent consequence estimates of population at risk, potential loss of life, and estimated dollars impacts, for establishment of national portfolio prioritizations.

- Develop consistent mapping for emergency action plans (EAP) that shows delineation of flooded areas and/or GIS products to minimize societal impacts from damaging releases from dams.
- Develop consistent standards for GIS, consequence, and modeling & mapping standards.

Using these standards the MMC is (re)studying the Corps' inventory of approximate 650 dams on a ten year cycle. The MMC is also in the process of developing a Standard Operating Procedure to complete detailed hydraulic and consequence analysis for the Corps' inventory of levees.

Additionally, when called upon, the MMC supports affected districts with solid procedures and trained staff to augment district capabilities during the significant flood fights. This was evident during the 2011 historic floods on the Mississippi and Missouri River systems.

During the 2011 historic floods on the Mississippi and Missouri river systems the MMC Production Center assisted districts with developing and releasing detailed inundation maps. This was

## PROCESS

best exemplified through the Corps' Vicksburg and Kansas City districts release of consistent state-of-the art map inundation products to various agencies and the general public.

The Corps' ability to draw upon a team that had worked together previously, with common standards and procedures, was crucial. Without a common toolkit and procedures it would have been impossible to meet deadlines during the flood events. MMC leadership was able to identify available staff and issue taskers and integrated them with District staff to quickly develop technically complex inundation map products. MMC affiliated staff members, trained in MMC standard methods, selected from the Corps' Vicksburg, Kansas City, Rock Island, Jacksonville, and Huntington districts, were all engaged in the mission..... without skipping a beat.

When preparing for a flood, knowing what areas are going to be affected is essential to advance preparation efforts. Inundation maps show when the flood will occur and the depth of the river. This helps agencies such as the Corps, levee boards, drainage districts, the National Guard and local communities to develop effective flood fighting plans. Most importantly, they aid with providing information to local citizens as how to prepare for floods.

The Corps' Vicksburg and Kansas City districts developed updated inundation maps on a daily basis. The Vicksburg District

developed a modeling application titled Flood Extent Simulation Model (FESM), and is the key to achieve the near-real-time turnaround that is required in emergency situations. MMC members quickly and easily implemented FESM for the Mississippi and Missouri river systems. Daily updates were produced through FESM from river gage forecasts from the National Weather Service which resulted in CorpsMap, Google Earth and PDF inundation map products being posted on the District's web site, and/or provided that information to local and state agencies within 24 hours.

The 2011 flood response for the Mississippi River and Missouri River floods proved that the MMC products developed for routine activities played vital roles in USACE emergency flood response activities. These innovative processes can, and will, play crucial roles in future emergency response activities. ◀



*Reviewing the estimated maximum inundation map of the Mississippi River Flood of 2011 are left to right, hydraulic engineers Richie McComas, Keith Flowers, Drew Smith, and Coral Cruz.*

## PROJECTS

*Jared Everitt and Jim Cole plant native wetland tree species.*





*Pictured at the Nature Trail are: Back row: Chad Phillips, Jared Everitt, David Lofton, Mike Stewart, Mike Miller, and Arel Simpson. Front row: Jim Cole, Jana Guynes, Kevin Phillips, Tony Lobred, Jennifer Mallard, Tonya Acuff, Amiee Parker, and Mike McNair.*

## Vicksburg District's Regulatory Team ramps up community effort for Earth Day

By Alice Bufkin, Cori Shiers and Charles Allred  
Photos by Alfred Dulaney

Although the official Earth Day is not until April 22nd, every day is Earth Day at the District's regulatory branch office. The regulatory team is comprised of dedicated volunteers who are reaching out to the community by volunteering time, equipment, and labor to the schools; promoting public awareness of the value of the environment; and celebrating our natural resources. They have received numer-

ous awards, and are constantly acquiring new recognition as they continue their regulatory professionalism.

Earth Day was first observed in April 1970 as a means of inspiring awareness and appreciation for the earth's natural environment. This celebration led to the development of the Federal Water Pollution Control Act in 1972.

*(Continued on page 8)*

*(Concluded from page 7, Vicksburg District's Regulatory Team)*

The Act is also known as the Clean Water Act, and section 404 of the Act established a program to regulate the discharge of dredged and/or fill material into waters of the United States, including wetlands. In accordance with program policy, waters of the United States may occur on public or private property. The Corps administers the program activities such as completing jurisdictional determinations, evaluating permit applications, and assuring enforcement.

Earth Day has gained recognition as an event to help raise awareness of the environment. In 1990, Earth Day became a global effort, and more than 200 million people were mobilized in 141 countries on their quest for a clean environment. The regulatory team hosts and participates in several events throughout the year that culminate with Earth Day.

This year, the team members participated in an Earth Day activity on January 12, at Warren Central High School. They planted more than 100 cypress, nuttall oak, cherrybark oak, swamp chestnut, and willow oak seedlings. Each seedling was labeled with flagging. This was a continuation of previous Earth Day activities that included a nature trail cleanup on November 19, 2010, and student presentations on April 14, 2011.

The regulatory team's theme for this year's Earth Day celebration is "Grocery Bags for Earth Day." Students from local elementary schools will decorate paper bags from local grocery stores with an Earth Day theme. The decorated bags will be returned to the grocery stores, in more than 1,150 Earth Day-themed paper grocery bags being used by customers in

honor of Earth Day. The goal is to raise awareness of the importance of the environment by involving students and other shoppers.

Each year at the conclusion of Earth Day activities and events, the regulatory branch hosts its annual Earth Day luncheon when a team member is awarded the "Larry N. Harper Award"; the award is named after a former District team member.

Larry Harper began his career with the government when he graduated from Northeast Louisiana University in 1972. He began his regulatory career with the Corps in November 1978 where he worked in the surveillance and compliance section. During this period, he earned his Professional Wetland Scientist certification. In 1981, he began working in the regulatory branch as an environmental specialist. After promotion to senior environmental specialist in 1989, he handled the most difficult regulatory cases that usually involved subtle but critical interpretations of technical criteria or controversial policy issues.

Larry established an interagency team to provide technical wetland training for the Natural Resources Conservation Service, and also served as primary instructor. In the late 1990's, Larry helped develop a curriculum for environmental science students at Louisiana Tech University. He was twice nominated as Mississippi Valley Division's nominee for the coveted Don Lawyer Award, regulatory's highest honor and award that is presented annually to a single outstanding regulator. Later, he was promoted to the position of assistant chief of Operations Division.

He also served his Country well by serving



with the Army Reserves where he was promoted to the rank of Colonel. Larry was a 1987 graduate of the U. S. Army Command and General Staff College, and also later graduated from the U. S. Army War College.

Larry retired from the District in June 2007 after a cancer diagnosis; he passed away in September 2007, and was buried with full military honors.

The first Earth Day luncheon and awards day was held on April 22, 2008. The purpose was to celebrate Earth Day and to raise awareness of the 2008 Army goal of “sustaining the environment for a secure future.” Recipients of the award have been Jennifer Mallard, Tony Lobred, Charles Allred, and Monica Hughey.

The 2012 Larry N. Harper, Regulator of the Year award will be presented to a recipient on Earth Day.

In addition to honoring their own, regulatory branch’s Earth Day team has received other awards, which have included the Commander’s Awards for Public Service in 2010 and 2011. The team received the award in 2010

for performing maintenance on the nature trail at South Park Elementary School to encourage the use of the outdoor classroom. This included replacing and installing new tree identification markers so the students would be able to distinguish the various tree types present in the outdoor classroom. In 2011, the team received the award for the maintenance and cleanup of the existing Warren Central High School nature trail. They also returned in April 2011 to present outdoor classes regarding conservation, composting, and recycling, and to discuss the role the regulatory team plays in the mission of the Corps.

For 236 years, the Corps has been involved with the regulations of various activities in the nation’s waterways, including navigable waters and wetlands. The Regulatory office works to assure that the Nation’s aquatic resources are protected while allowing reasonable development through fair, flexible, and balanced permit decisions. The Vicksburg District encompasses a 68,000-square-mile area across portions of Mississippi, Arkansas, and Louisiana, which includes seven major river basins and incorporates approximately 460 miles of mainline levees.

For more information about the Regulatory program, visit the Vicksburg District Regulatory website at <http://www.mvk.usace.army.mil/offices/od/odf/main.htm>. ◀

*Tonya Acuff, Randy Holder, and Charles Allred clean overgrowth at amphitheater/outdoor classroom.*



# DISTRICT SPONSORS MATH COUNT WITH LOCAL SCHOOLS



Photos by Alfred Dulaney





## District welcomes back three more team members

By Shirley J. Smith  
Photo by Alfred Dulaney

The District welcomes back three of its team members who recently returned from deployment with Operation Enduring Freedom in Afghanistan: James Ross, chief of Operations Division, and Chrystal Spokane and Edward Claypool, both of Real Estate Division.

Ross, chief of Operations Division at the Vicksburg District, served as deputy of the executive branch of operations and maintenance with Operation Enduring Freedom in Kabul. His responsibilities included oversight of the operations and maintenance

contract for Afghanistan National Army and National Police Garrison and bases.

Ross supervised 20 managers who had the responsibility of overseeing daily contract issues on power, water supply, waste water, along with other normal operations and maintenance items. This contract covered 318 construction sites in Northern Afghanistan. All sites were assigned by priority through the operations and maintenance managers.

Upon completion of his deployment, Ross was presented a Commander's Special Emphasis Award by Col. Chris-

topher W. Martin, District Commander for the Afghanistan Engineering District North.

A native of Eupora, he is a graduate of Eupora High School, and earned his Bachelor of Science Degree in civil engineering and a Master of Science Degree in engineering management from Mississippi State University. He is a Licensed Professional Engineer with the State of Louisiana.

Ross and his wife, the former Mickey Matthews of Vicksburg, are the parents of a daughter. ◀

*Col Eckstein presents the Award to Ross.*



## Construction and Engineering Division chief receives Black Engineer of the Year Award

Photo courtesy of Career Communications Group

The chief of Engineering and Construction Division, Henry A. Dulaney, recently received the 2012 Black Engineer of the Year Award (BEYA) for Career Achievement in Government. He received the award at the 2012 Black Engineer of the Year Science, Technology, Engineering, and Mathematics (STEM) Conference that recognizes outstanding accomplishments in STEM in industry, education, and government.

Hosted by the Career Communications Group, the conference brings together many chief executive officers, corporate presidents, and top governmental leaders, including strong representation from Corps leadership. The conference provides an excellent opportunity for professional development, networking, and recruiting, while highlighting impacts STEM has on creating solutions to help meet the needs of the 21st century.

A Vicksburg native, Dulaney is a graduate of Vicksburg High School. He earned his Bachelor of Science in electrical engineering, and earned his Master of Science in engineering management from Mississippi State University. Henry is a registered professional engineer in the state of Mississippi. He is a graduate of the CP18 Leadership Development Program and the Army Management Staff College Program of Sustaining Base Leadership Management.

Dulaney serves as vice president of the



*MG Merdith W.B. (Bo) Temple presents the Black Engineer of the Year Award to Dulaney.*

Vicksburg Post of the Society of American Military Engineers (S.A.M.E.), administrator for the S.A.M.E./Army Engineering and Construction Camp, a member of Mississippi State University's Civil and Environmental Engineering Advisory Board, a member of the YMCA Board of Directors, Mississippi Department of Education STEM Task Force, and is a deacon and Sunday school teacher at Calvary M. B. Church. He is also a volunteer football, basketball, and soccer coach at the YMCA.

He and his wife, Melissa, have three daughters and two sons. ◀

## District team member returns from fourth Iraq tour

Courtesy of The Vicksburg Post

Ed Claypool returned home in December with an amiable outlook on his job for someone fresh off 18 months in a war zone — his fourth trip. He'd go back — just not for so long. "If I get an e-mail asking me to go," Claypool explains. "But, my wife has given me a timeline this time."

Claypool is among 80 civilian employees of the Vicksburg District who have supplemented forces in Iraq or Afghanistan since 2003 and 27 who have gone at least twice. Eight are in Afghanistan now with two others expected to join them.

His four tours of duty since 2004 have taken him to Iraq and Afghanistan as a technical adviser on building bases to military specifications and, most recently, in the District's Real Estate Division to help secure property to build bases in the Afghan capital of Kabul.

For the last six months of his recent tour, Claypool worked for CJ Engineering, the military's construction arm in Afghanistan. It meant moving legal documents to contract appraisers and escorting them onto potential locations to speed up information between a landowner and the Real Estate Division so both

sides could agree to a rental or purchase price. Doing the job daily in a war zone without a weapon for personal protection, typical for most civilians in the military, didn't faze him.

"I feel at home and at ease in those situations," he said. "If things get tight, we just have to react. It does scare my wife, though."

Most bases were built on land owned by the Afghan government. Living quarters tended to be in homes rented from residents, he said. "For different U.S. entities where they roomed or boarded, we would rent houses or buildings," Claypool said.

Three previous tours were to Iraq, the longest of which lasted 37 months, where a turn at quality assurance meant Claypool made sure every corner of Victory Base Complex around Baghdad International Airport was built and maintained to Army standards, right down to the proper concrete mix to cover repaired water pipes.

"Quality assurance, contract representative, engineering technician — all these are one in the same," he said. "I had all three titles, but I still did the same work."

Overseas Contingency Operations, where Corps personnel may volunteer for such technical assistance, is a way for proven staff to remain involved with technical parts of broad missions in Afghanistan, where 91,000 U.S. service members remain.

Claypool, a Clinton native, lives in Vicksburg with his wife, Dolly. They have five daughters. A team member of the District since 1979, Claypool graduated from Clinton High School has a degree in animal husbandry from Mississippi State University.

"It's a different society that you have to work with, and it gives individuals such as Ed broader experience to assist the Corps," said Maj. Robert Wolfenden, Vicksburg District's chief of public affairs.

The payoff is simple for Claypool. In Baghdad, fixing the water was a source of accomplishment; In Kabul, it was a chance to ensure a system of renting structures from Afghan citizens, often elderly. "It was helping Afghan people try to get through the rental system to where they got paid," he said.

If asked, a fifth tour would be a snap, Claypool says. ◀

# District selects overall winners of Black History Month Poster Contest

By Shirley J. Smith

To commemorate and celebrate the contributions to our nation made by people of African descent, American historian Carter G. Woodson established Black History Week, with the first celebration occurring on Feb. 12, 1926. In 1976, as part of the nation's bicentennial, the week was expanded into Black History Month.

In recognition of Black History Month, the District hosted its annual Black History Month Poster Contest February 17. All participating schools received Certificates of Participation from the District Commander, Col Jeffrey R. Eckstein. The Commander also presented trophies to students winning first, second and third place for poster design and content; a plaque, and a savings bond donated by local banks, were presented to students who were overall winners.

Overall winners of the Black History Month Poster Contest were local students:

- Denita Preacely, Vicksburg High School, 1st place overall for grades 9-12.
- Keshonda Smith, Vicksburg Junior High School, 1st place overall for grades 7-8.

- Kamry Parker, Warren Central Intermediate School, 1st place overall for grades 5-6.

- Shea Hampton, Beechwood Elementary School, 1st place overall for grades K-4.

- JaKayla Roby, Warren Central Intermediate School, 1st place overall for grades K-4.

- Nadajah Smith, Redwood Elementary School, 1st place overall, for grades K-4.



The poster contest has become an annual event at the District, and participation has always been great.

There were more than 1200 posters to judge this

year, more than in years past,

according to Gwendolyn Taylor, chief of the Equal Employment Opportunity Office.

The poster contest highlights Black History Month for students and it is also an opportunity for students to enhance their knowledge about contributions made to society by African Americans on the national as well as local levels. This event has also become competitive for some students, therefore, we see some outstanding poster entries from grades K-12. ◀

# LOUISIANA FIELD OFFICE CONDUCTS 2012 EAGLE SURVEY

By Joe Haller, Columbia Lock and Dam  
Photos by Aaron Posner, Columbia L&D

*A bald eagle soars above  
the Ouachita River.*



Even though Old Man Winter was in a foul mood doling out cold temps, wind, and rain, the Louisiana Field Office (LFO) park rangers and Monroe Navigation Project personnel were able to complete the 2012 eagle survey. The LFO annual eagle and raptor survey has been conducted since 1988.

The two primary areas of observation of the survey are the Ouachita River and Wallace Lake north to the Arkansas line at Lake Erling. The largest portion of the survey lies along the Ouachita River, usually starting from Sandy Beach at river mile 332 near Camden and 200 miles south to Log Town Landing. The Ouachita River is a winding river that begins in the Ouachita Mountains near Mena.

*(Continued on page 17)*



## LAKES AND RECREATION

*(Concluded from page 16, Louisiana Field Office)*

During this annual survey, six eagles were counted, a tally much less than the 2011 tally, when 21 eagles were counted. The diverse landscape and watershed create one of the most spectacular natural areas for prolific wildlife of all kinds. Weather can be a factor in the survey counts, but because of the nature of the river and other natural factors, the birds have plenty to eat and room to spread out!

According to natural resource specialist David Oliver, “Eagle counts are sent to the Louisiana Department of Wildlife & Fisheries (LDWF) where the data is consolidated and forwarded to the U.S. Fish and Wildlife. This data is used to monitor eagle population levels across the nation. Like the eagles, other raptors such as various hawks, ospreys and owls are also tallied and sent to the LDWF.” Oliver stressed that this data is entered into a national database to assist with tracking raptors throughout the United States. Observing a mature bald eagle close-up, whether in flight

or perched in a tree, is not only a great sight but also a privilege.

The bald eagle was removed from the “endangered species list” in 2007. The eagles reach full maturity in 4-5 years and have the white heads and tails to prove it! They stand above 3 feet in height, weighing 14 pounds with 7’ wingspreads!

Eagles live as long as 30 years in the wild. Their eyesight is 4 times that of a human with perfect vision. During flight an eagle can see fish in the water from several hundred feet. This means that an eagle flying at an altitude of 1000 feet can spot prey over an almost 3-square-mile area.

In 1782 our forefathers thought enough of the bald eagle to designate it as the national emblem, and in 2012 we remain devoted to that tenet. The survey data is vital to the future well being and management of eagles as well as other raptors. ◀



*An older juvenile bald eagle perches high in a tree along the Ouachita riverbank just north of Thatcher Lock and Dam.*



*Park Rangers Aaron Posner, Joe Haller and David Oliver stand next to the survey boat used for the eagle survey.*

*Val Smith, left front, and Kate Friedman, right, with Mississippi Wildlife Rehabilitation, discuss the Birds of Prey Program to students.*



# Arkabutla Lake hosts 12th Mid Winter Bald Eagle Survey

Story and photo by Jamie Richmond, Arkabutla Lake Field Office

The purpose of the Midwinter Bald Eagle survey is to monitor the status of Bald Eagle wintering populations in the United States by estimating national and regional count trends, overall and by age class. Each January, several hundred individuals across the nation count eagles along standard, non-overlapping survey routes.

Arkabutla Lake's volunteers used the fixed point survey method at Dub Patton Campground, Dub Patton Day Use Area, Bayou

Point, Kelley's Crossing, and Coldwater Point. Two mature eagles were located: one near Coldwater Point and the other at Kelley's Crossing. After the watch was completed everyone returned to the Arkabutla Lake Field Office for a live Birds of Prey Program provided by Mississippi Wildlife Rehabilitation. Volunteers were treated to an entertaining program and learned about local owls and hawks; they were also able to see, up close, some beautiful educational birds. ◀



*A rare sighting ...*

*Golden Eagle at  
Lake Ouachita*

Photos by Daniel Valovich

## District Field Offices & Services

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Lake Greeson (870) 285-2151  
DeGray Lake (870) 246-5501  
Sardis Lake (662) 563-4531  
Arkabutla Lake (662) 562-6261  
Enid Lake (662) 563-4571  
Grenada Lake (662) 226-6391  
Bayou Bodcau (318) 322-6391  
JBJ Waterway (318) 322-6391  
Ouachita-Black Rivers (318) 322-6391

Aerial Photography (601) 631-5709  
Corps Wetland Permits (601) 631-5289  
*Apply, ask questions, or report violations*  
Contracting & Bids (601) 631-7706  
*Vendors, status of bids, specs*  
Community Support (601) 631-5223  
*Tours, speakers, volunteers*  
Historical Questions & Research (601) 634-7023  
*Mississippi River History Center*  
Real Estate Issues (601) 631-5220  
*Corps impacts to your property*  
Employment Questions (601) 631-5859  
*Vacancies, status, qualifications*  
Historical Photographs (601) 631-5021  
Environmental (601) 631-5410

## Other Vicksburg Engineer/Federal Organizations

Mississippi Valley Division  
(601) 634-5760

Vicksburg National Military Park  
(601) 634-5760

Engineer Research and Development Center  
(601) 634-2504

U.S. Coast Guard Cutter Kickapoo  
(601) 636-8304

412th Engineer Command  
(601) 636-1686

U.S. Fish & Wildlife Service  
(601) 629-6607

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