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U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT



**US Army Corps
of Engineers**
Louisville District

**Corps to
complete
45 projects
at Fort
Campbell**

See Page 4

Campgrounds open for fun:
**Spring brings
campers to Corps
lakes**

See Page 3

Commander's Comments

Team,

As many of you know, one of our contractors' employees lost his life while working on the Warrior in Transition Complex Barracks project at Fort Knox, Ky., March 17. I was on site to observe the response effort and want to thank the team members and partners from the Louisville District, the contractors and Fort Knox who joined together during the tragic situation. I attended Christopher Bedwell's funeral along with leaders from Construction Division and would like to extend my deepest sympathy to his family once again. I thank you all, too, for your thoughts and prayers for the family.

Now that spring is finally here, the district is gearing up for some very busy months ahead, and we need to reflect on this fatality and remember the importance of safety in the workplace. Our workload is increasing and our budget may be reduced. Recreation season is ramping up and the Base Realignment and Closure (BRAC) deadline is quickly approaching—lots of reasons to push hard to achieve results in a resource-constrained environment. Mission execution is important, but it cannot come via shortcuts that put people at increased risk of injury. As leaders, we must be extra vigilant, identify

risks and mitigate where we can. We need to inform our leaders when residual risks are unacceptable. I expect you to tell me if you feel personal safety is an issue anywhere in this district.

We can say safety is our number one priority, but our actions will always speak louder than our words. We must continuously demonstrate that safety is our primary concern. I encourage you to look out for safety hazards in your workspace and adjacent areas. If you see something that could be a potential danger to you or someone else, I need you to take corrective action and report it immediately.

Let's be safe as we move into the busiest part of our year—recreation season and BRAC countdown. I am convinced that if we did not have such a strong culture of safety awareness in the Louisville District, we would have experienced far more injuries and perhaps additional fatalities, given our historic workload. All that aside, we lost a member of our extended team, and we need to take the proper, professional actions to help ensure it does not happen again on our watch.

Thanks again for all you do,
Col. Keith Landry



Army photo digitally enhanced

Col. Keith Landry, Ph.D., P.E.
Commander and District Engineer
Louisville District
U.S. Army Corps of Engineers

Falls City Engineer

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On the cover: Spring has sprung, and the trout lilies are on the cusp of full bloom at Barren River Lake.

Contents

Spring brings campers to Corps lakes	3
Corps to complete 45 projects at Fort Campbell	4
Operation Tomodachi: Corps assists with Japan emergency	6
Warming temperatures, snowmelt equal flooding in LRD	7
Corps bridges gap at Copeland	8
Taylorsville Lake more than a fishing hole	9
Reserve Workshop serves successful mix of updates, partnering	10
Corps recognizes Women's History Month with speaker series	11
Water safety messages hit the road	12
District surveyors share knowledge with Boy Scouts	13
Culvert Valve installation complete at Markland	13
Corps Lakes celebrate Earth Day	14
Boating Safety: Know before you go	15
New faces and fond farewells	16
Spring recipes	18



Campgrounds open for fun:

Spring brings campers to Corps lakes

By Katie Newton, public affairs

Crackling campfires, cool night air and the smell of bug spray are sure signs that spring has arrived and that camping season is right around the corner.

The first Louisville District Corps campgrounds opened April 15 for the 2011 recreation season. In total, eight Corps campgrounds are now open in Kentucky and five more will open April 29. The remaining four are scheduled to open throughout the month of May.

The available campsites are at six Louisville District Corps Lakes in Kentucky, including Barren River Lake, Buckhorn Lake, Carr Creek Lake, Green River Lake, Nolin River Lake and Rough River Lake.

These six lakes in Kentucky are the only lakes in the Louisville District with Corps-operated campgrounds. Campgrounds and most recreation areas at the other 12 Corps lakes in the Louisville District are managed by different entities. For example, campgrounds at the Corps lakes in Indiana and the four Corps lakes in Ohio are managed by state government. The remaining two lakes in Kentucky — Cave Run and Taylorsville — are managed by the U.S. Forest Service (Cave Run) and the state (Taylorsville).

Campers will be happy to know that the Corps has developed a more efficient process for opening/reserving campsites at Corps-operated campgrounds in 2011.

In the past, when campgrounds opened, every site was open to the public, but that is not the case from now on. Beginning this year, not all sites will reopen when the campgrounds first open up. Some will remain closed until they are needed when occupancy increases during the peak season.

“This will help to alleviate costs of mowing and maintenance contracts,” said Denise Rouse, Louisville District Natural Resources Management Specialist. “I think our customers will accept it very well since this will also help us to continue to keep our camping fees as low as possible,” said Rouse.

This change means that sites will be reserved for advanced reservations only and for use by walk-ins.

“I think this will continue to become a national Corps trend that our dedicated Corps campers will become used to,” Rouse said.

All Louisville District Corps campgrounds are available for advanced bookings of available campsites up to six months prior to check-in date.

“We recommend booking in advance to ensure that campers are satisfied with their

site. Many campers become familiar with a particular campground, loop, or site and like to request the same one,” said Rouse.

To make advanced reservations at Corps-operated campgrounds in Kentucky lake visitors should call 1-(877) 444-6777 or visit the National Recreation Reservation Service website at www.recreation.gov to book a campsite for 2011.

Note: Due to the possibility of spring flooding, campsites and recreation areas may be impacted.

Schedule of Corps-operated Campgrounds:

Barren River Lake	Bailey's Point Campground (April 15-Oct. 23) Beaver Creek Primitive Campground (April 29-Sept. 5) The Narrows Campground (April 29-Sept. 5) Tailwater Campground (April 29-Sept. 5)
Buckhorn Lake	Buckhorn Campground (April 15-Sept. 30) <i>*Boat-in camping area is open May 1-Sept. 30</i> Trace Branch Campground (May 1-Sept. 30)
Carr Creek Lake	Littcarr Campground (April 1-Oct. 9)
Green River Lake	Holmes Bend Campground (April 15-Oct. 23) Pikes Ridge Campground (April 15-Sept. 25) Smith Ridge Campground (April 15-Sept. 25) Wilson Creek Primitive Area (contact Corps office for details)
Nolin River Lake	Dog Creek Campground (April 29-Sept. 25) Moutardier Campground (April 15-Oct. 23) Wax Campground (April 29-Sept. 25)
Rough River Lake	Axtel Campground (April 15-Oct. 31) Cave Creek Campground (May 23-Sept. 12) Laurel Branch Campground (May 1-Oct. 31) <i>*Laurel Branch is open year-round for camping with minimal services during the off-season.</i> North Fork Campground (May 2-Sept. 12)

- Kentucky State Park operated campgrounds now offer advanced reservations. For additional details call 1-888-4KYPARK or visit www.kentuckystateparks.reserveamerica.com.
- All Indiana state-operated campgrounds may be reserved through: www.indiana.reserveworld.com or by calling 1-866-6-CAMP-IN.
- All Ohio state-operated campgrounds may be reserved through: www.ohio.reserveworld.com or by calling 1-866-OHIO-PARKS.

Corps to complete 45 projects at Fort Campbell

Home to the Screaming Eagles staff, the \$33 million 101st Airborne Division command-and-control Headquarters – named McAuliffe Hall after Gen. Anthony McAuliffe – was designed in a “V” shape to symbolize both eagle wings and the rotors of a helicopter.

By Ken Beyer, public affairs

With more than 36 ongoing or recently completed projects, and 45 additional projects slated for the next four years, to say the U.S. Army Corps of Engineers and Fort Campbell have a relationship is a bit of an understatement.

The Corps has had a long standing presence on post since 1942 — almost as long as the post has been in existence.

The responsibility for keeping all these projects straight falls on the shoulders of more than 70 Corps employees assigned to the Fort Campbell Resident Office. Originally part of the Mobile District, the team was transferred to the Louisville District in 1982.

“It takes a team effort to keep this many projects on time and on budget. It also helps that we have great contractors and a good working relationship with the garrison,” said Bryan Moser, senior resident engineer. “We all have the same goal – to provide Fort Campbell Soldiers and families with the best facilities possible.”



Part of the 10-acre Warrior Transition Battalion complex, the 120,000 square-foot, 206-Soldier WTU barracks will provide living quarters for Soldiers returning from battle with injuries. The barracks space will have 25 percent of the rooms compliant with the Americans with Disabilities Act. It will include an outdoor wheelchair obstacle course, a botanical healing garden, and extra space to be used in whatever manner best suited for the Soldiers living there.

Fort Campbell Construction Projects

	Contract amount [millions of dollars]
Currently ongoing	
Warrior in Transition Barracks	24.9
Warrior in Transition Administration Buildings	7.1
Troop Medical/Dental Clinic with Outpatient Treatment Addition	18.6
101st Airborne Division Chapel	8.4
Special Operation Group Working Dog Kennels	2.9
Special Operations Group Consolidated Battalion Headquarters and Company Operations Facilities (Phase 4)	20.9
Special Operations Group Language Sustainment Training Facility	5.3
Special Operations Group Reserve Center	5.2
52nd Explosive Ordnance Division Battalion and Brigade Headquarters	11.2
326th Engineer Battalion Headquarters	4.9
326th Engineer Battalion Company Operations Facilities	12.5
Recently completed	
Barsanti Elementary School	16.3
Gardner Hills Child Development Center (ages 0-5)	8.1
Gardner Hills Child Development Center (ages 6-10)	8.4
Bastogne Child Development Center (ages 6-10)	15.6
Warrior in Transition Soldier and Family Assistance Center	5.1
2nd Brigade Combat Team Barracks Complex	96.1
2nd Brigade Combat Team Tactical Equipment Maintenance Facilities	45.6
101st Airborne Division Command and Control Headquarters	32.1
52nd Explosive Ordnance Division Company Operations Facility	1.7
5th Special Forces Group Operations Barracks Complex	46.9
5th Special Forces Group Tactical Equipment Maintenance Facility	15.4
Special Operations Force Tactical Equipment Maintenance Facility	13.0
Special Operations Group Consolidated Battalion Headquarters and Company Operations Facilities (Phases 1-3)	79.7
Special Operations Group Indoor Range	5.4
101st Airborne Division Military Working Dog Facility	1.8
101st Airborne Division Battle Command Training Center	22.8
101st Airborne Division Training Support Center	10.0
Unaccompanied Enlisted Personnel Housing Facilities	23.6
86th Command Support Hospital Battalion Company Operations facility	4.1
86th Command Support Hospital Battalion Maintenance Facility	11.4
86th Command Support Hospital Battalion Headquarters	5.4
101st Sustainment Brigade Tactical Equipment Maintenance Facility	15.1



Tavis Hanley

The Bastogne Child Development Center consists of two 22,927 square-foot buildings for children aged 6-10 for before and after school during the duty day, summer and school holidays.



Tavis Hanley

The \$3 million, 22,000 square-foot Special Operations Forces Military Working Dog Kennel consists of 14 indoor and 14 outdoor kennels. Separated by a breezeway is a handler, trainer and treatment area for the dogs. An obedience course and dog exercise area are enclosed with an eight-foot chain-link fence.



Tavis Hanley

The Soldier and Family Assistance Center (SFAC) is part of the \$43 million Warrior Transition Battalion Complex, which includes barracks and headquarters facilities currently under construction. When the entire complex is complete, the 15,000 square foot SFAC will function as the hub for the whole Warrior Transition Unit community — providing human resources, veteran's administration, social services and Wounded Warrior programs in one location — enhancing collaborations necessary to help Soldiers transition successfully.

FORT CAMPBELL

Serving the Army medical community – one lease at a time

Compiled by Veronica Hiriams, real estate (Sources: Ceremony Program, The Leaf Chronicle and Army Medical Department website)

The Army Surgeon General is committed to improving access to medical care for Soldiers and their families living in off-base housing. To accomplish this goal, approximately 17 medical clinics providing patient-centered, team-based medical care are planned for 11 communities throughout the nation. These clinics also represent a streamlined approach to health care using a standard franchise model, allowing Army medicine to compete in terms of access, quality and cost. Soldiers and their families visiting any one of these clinics will experience the familiarity of a standard facility and health care process.

The grand opening of the Screaming Eagle Medical Home in Clarksville, Tenn., marks the debut of this type of facility and a new era for military medicine, supporting Fort Campbell. Located in the Gate-

way Medical Center, this modern center sets the bar for other facilities to follow. The medical office is capable of serving over 7,000 active duty family members that are enrolled in TRICARE Prime, a managed health care program.

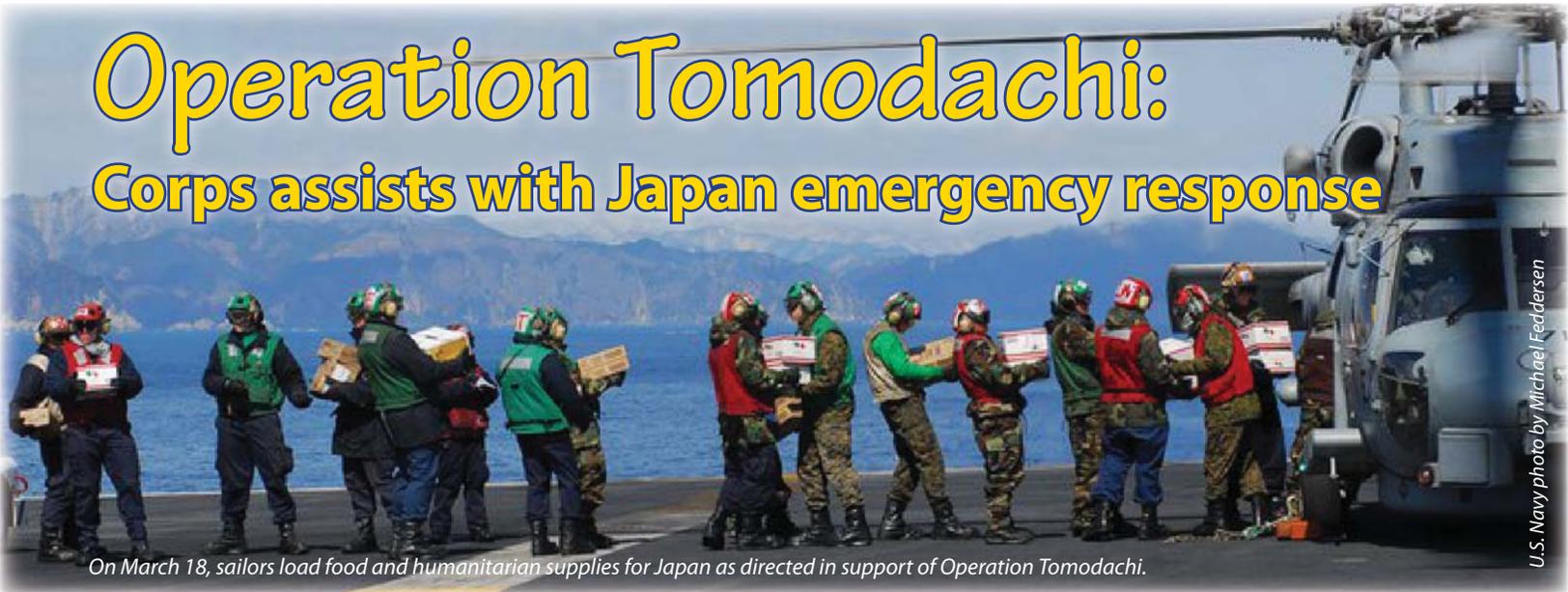
During the ribbon cutting ceremony for the first of these centers, Surgeon General Eric Schoomaker expressed the importance of providing family-centered one-stop medical services in the communities where the soldiers and their families live. “This is something our families and Soldiers truly deserve,” said Schoomaker. Family members in attendance at the ceremony expressed their delight in having a doctor closer to home and a place that can meet the entire family’s needs.

The Corps of Engineers Louisville District, real estate community is extremely pleased to have played a part in making

this vision a reality for the U.S. Army Medical Command (MEDCOM) and the Fort Campbell medical community. Under a special directive to procure off-base facilities, real estate project manager Susan Brewer worked diligently to acquire adequate space. The space needed to accommodate a reception/administration area, a place for clinical care, storage, a pharmacy, lab space and a pediatrics unit as well as a host of other project-specific equipment. She worked with the user’s point of contact, the contractor, and the installation, resulting in a state-of-the-art medical clinic that is the first of its kind. But her job is not done — a second facility is planned for the near future.

Real Estate Division finds this to be an awesome opportunity to serve our nation’s Soldiers — one lease at a time.

Operation Tomodachi: Corps assists with Japan emergency response



On March 18, sailors load food and humanitarian supplies for Japan as directed in support of Operation Tomodachi.

U.S. Navy photo by Michael Feddersen

Source: U.S. Army Corps of Engineers Strongpoint

On March 11, a magnitude 9.0 earthquake near the east coast of Honshu, Japan, damaged buildings and triggered a tsunami, causing extensive damage in nearby areas of the country. Because of the longstanding, close working relationship that U.S. Forces Japan maintains with its Japanese counterparts, the U.S. Army Corps of Engineers has been able to coordinate requests from the Japanese government and rapidly respond with critically needed capabilities and supplies. Disaster response is a primary responsibility of USACE, and the Corps was well-positioned to provide engineering support to military commanders and to the people of Japan during their time of crisis.

Mobilizing Flexible and Ready Forces

In the immediate aftermath of the earthquake and tsunami, U.S. Forces Japan established a 24-hour crisis action team to assess the U.S. military capabilities and assets available to support the

government of Japan and Japan Self-Defense Forces' disaster relief efforts. As part of Operation Tomodachi the USACE Pacific Ocean Division and Japan District have been working closely with supported military commanders in Japan to provide critical engineering support to the people of Japan.

U.S. Forces Japan has also supported the government of Japan and Japan Self-Defense Forces' humanitarian relief efforts throughout the country. USACE is prepared and ready to respond with its world class workforce and extensive experience in responding to disasters.

Mission Support

The duration and extent of USACE support will depend on the requests from the supported military commanders in Japan and the government of Japan. USACE is committed to this mission and will assist to the greatest extent possible based on developing requirements.

The Pacific Ocean Division and Japan Engineer District continue to coordinate reach-back support from throughout USACE to carry out the USACE role as part of the humanitarian assistance/disaster response for Operation Tomodachi as needed.

Although USACE families may choose to depart Japan, military service members and DoD civilians remain to continue critical missions in Japan and provide support to the humanitarian and disaster efforts in a safe environment.

Ensuring the Safety and Security of American Citizens in Japan

The safety of USACE team members



U.S. Army photo by Jose Sanchez

Capt. Alex Glade, U.S. Army Corps of Engineers, Japan District (right) talks to a displaced citizen at the Rikuzen Takada City Shelter. In the immediate aftermath of the earthquake and tsunami, Japan Engineer District established a 24-hour emergency operations center in support of the government of Japan and the Japan Self Defense Forces' disaster relief efforts and by augmenting the U.S. Army Japan Damage Assessment Team.

is always the top priority.

USACE employees are limiting travel to Japan to mission-essential travel.

USACE is closely monitoring the situation in Japan and will continue to do so to ensure employees and family members remain safe.

Like the Department of State, the Department of Defense issued a memorandum authorizing DoD-eligible family members located on the Island of Honshu, Japan, to voluntarily depart to an alternative destination in the United States.

Public Health Command Region, Pacific continues to take radiation level readings every three hours on U.S. bases.

At a glance

- USACE is providing direct engineering support to the U.S. Army Japan Disaster Assessment Team to assess debris removal requirements for the Sendai Airfield.
- USACE is assisting U.S. Army Japan with a humanitarian mission to deliver 50,000 water bottles to two locations.
- USACE Pacific Ocean Division deployed three team members to Japan Engineer District to support emergency operations.

Warming temperatures, snowmelt equal flooding in region

Water rushes through trees in the area around Cecil M. Harden Lake in Indiana during floods in February 2011.

Courtesy of Operations Division

By Andrew Kornacki, Buffalo District Public Affairs and Carol Labashosky, Louisville District Public Affairs

As spring began to descend on the Northeast and Midwest, members of the Great Lakes and Ohio River Division (LRD) began preparing for the challenges that the season would almost certainly bring. This year's combination of record snowfall mixed with icy cold temperatures and steady rainfall late in the winter led to wearisome flooding throughout all 88 counties in Ohio and many other parts of LRD's area of operations.

Places like Findlay, Ohio, have been preparing for and dealing with flooding since their first major inundation in 1913. Findlay has been victim to four of its ten worst floods in the last six years. This history of events has caused the citizens of Findlay, officials and business interests in the surrounding area to reach out to the Corps and congressional representatives to ramp up their efforts and do everything possible to reduce risk and mitigate flood damage.

A major step toward working together was in the formation of the North West Ohio Flood Mitigating Partnership (NWFMP). This is a partnership consisting of multiple companies, organizations and local businesses in the Findlay area that have a vested interest in protecting the area from flooding. NWFMP is responsible for raising millions of dollars to pay for flood mitigation studies. These studies are a driving force to build permanent flood structures.

Terry Siemen, Louisville District geographic information systems specialist, said, "This is a typical spring high water event, but conditions can change as we continue to get rain. We are working with the local levee sponsors to assure procedures are in place. We are watching water

levels, and we are here to see if anything is needed as the rivers continue to slowly rise."

The Blanchard River in northwest Ohio was the first to crest. When the river reached eight feet, sirens went off and sent responders and citizens into action to prepare for flooding. At 11 feet, the river was at flood stage. It continued to rise until it crested at 16.41 feet, the sixth highest level ever. The Ohio River soon followed. It was reported in many locations that the river was 12 feet above flood stage.

Several Louisville District locks and dams experienced flooding including Newburgh, John T. Myers and Locks and Dams 52 and 53, although navigation was not impacted significantly. On March 11, Myers ceased locking operations entirely, but tows cautiously navigated right over the dam — in a navigable pass maneuver — due to the high water.

As rivers swelled and overflowed their banks, the Louisville and Buffalo districts were ready and took immediate action. They opened their Emergency Operations Centers, released eleven pumps and upwards of 40,000 sandbags, with more on hand if needed. Corps reconnaissance teams were onsite to start monitoring rivers, dams and levees 24/7. These teams provide quick responses to changing situations, as well as timely and up-to-date situational reports.

Buffalo District Commander Lt. Col. Stephen H. Bales, the former deputy district commander in Louisville, set the tone for the flooding event when he said, "The Corps' number one priority is to prevent the loss of life and reduce the impacts of flooding in coordination with our state and local government partners. We have teams

throughout the impacted area assisting with assessments and providing technical advice. We stand ready to provide additional assistance if a federal disaster declaration is issued or if a request for assistance is received."

Sadly, even with all the safety procedures in place, tragedy struck in the early morning on Tuesday, March 1. Cancer nurse Lisa Roswell, from North Fairfield, was driving to work in her Volkswagen Beetle. The fast-rising waters of the Huron River engulfed her car and she was swept to her death. The last words she spoke were a desperate 911 plea for help from her cell phone.

Amid the heartbreak and tragedy were two LRD sentinels: Cave Run Lake in Morehead, Ky., and Mount Morris Dam in Livingston County, N.Y. Cave Run Lake reached 730.5 feet above mean sea level (12 percent capacity), while Mount Morris Dam reached a level of 690.46 feet (39.8 percent capacity). Together, these two structures have prevented more than \$2 billion in damages since they were built.

As in many Corps divisions, LRD has an active flood risk management program encompassing projects specifically authorized by Congress projects and smaller Continuing Authority Projects, but perhaps the key to success in safeguarding life and property is a cooperative effort. Community officials and citizens have key roles to play in flood risk management and the Corps has an active outreach program to heighten awareness of the risks faced by those living and working in areas that may be subject to flooding.

Corps bridges gap at Copeland



The Army Corps of Engineers erected the Copeland Bridge located on the North Fork of the Kentucky River.

Carol Labashosky

By Carol Labashosky, public affairs

Children, parents, residents and politicians gathered for a remarkable, festive and long-awaited construction completion and official ribbon cutting at the Copeland Bridge project, Breathitt County, Ky., March 21.

The project began in 2006 when recurrent high water on the North Fork of the Kentucky River became so unendurable for the community that the Corps was summoned. During rain events and flooding, the North Fork would become so high that it would flow over the low water concrete bridge making the area impassable. Residents and workers who lived on the other side could not cross and county school buses had to take detours to transport children to schools.

During those times, a precarious swinging bridge was the only means for area residents or workers to cross during high flows. Officials calculated that the old low water bridge was impassable for more than a total of 60 days out of the year.

Richard Terry, resident of Breathitt County, said he has lived in the area for 45 years. "It is something else, something special, for these people, this bridge," he said. He said he never gave up waiting for a new bridge.

Marie Roberts and her family of four generations attended the ribbon cutting, and as she looked toward heaven she said, "We live on the other side. This bridge is answered prayers, a miracle."

State Rep. Teddy Edmonds of Kentucky commented that a long time ago, the other side of the river used to be even more populated with the rail service, employers and bigger community. "When the water was high – which was often – it could have been 50 percent of the time," he said.



Carol Labashosky

(Left to Right) Kentucky State Rep. Ted "Teddy" Edmonds; Kentucky State Rep. Marie Rader; U.S. Rep. Hal Rogers of Kentucky; Deputy Commissioner for Governor's Department for Local Government Stacia Peyton; Louisville District Commander Col. Keith Landry and Breathitt County Judge Executive Jason Richardson cut the ribbon on the new bridge March 21.

It was such a long anticipated event for the area that three bus loads of Highland Turner, Booneville, Ky., elementary-school students stopped to take in the patriotic ceremony, walk the bridge and recite the Pledge of Allegiance.

The theme for the day was public service and working together. A total project cost — \$1.8 million — came from federal coffers, however an additional \$400,000 was needed to award the construction contract. This money, according to the support agreement with Appalachian Regional Commission (ARC), was provided with help from the Governor's Department for Local Government.

"It's a wonderful example of working together to get things done," said Louisville District Commander Col. Keith

Landry.

Barry Schueler, civil works project manager; Shelby Fowler, construction student hire; and Jeremy Ball, construction representative, will continue to oversee the last few minor touches to the project. It is projected to be complete later in the spring.

The project included design and construction of a three span, 319-foot-long concrete bridge with a 15-foot lane roadway, four-foot sidewalk and new concrete barriers on either side of the bridge to serve as rails.

"The design, environmental work, buying of real estate, the whole thing was done from scratch," said Fowler. "It was a cooperative effort with ARC."

Taylorville Lake more than a fishing hole



Taylorville Lake is a 3,050-acre lake 25 miles from Louisville, Ky. The multi-purpose project provides flood protection, recreation, water supply and wildlife conservation.

By John Neville, public affairs

More than a million people visit Taylorville Lake annually. But do they know that the lake, like all Corps lakes, is part of the agency's flood risk management mission to reduce property damage and save lives?

Since the enactment of the Flood Control Act of 1917, the Corps has played a significant role in managing flood risk nationwide. More legislation authorizing flood reduction projects passed in 1936, but it wasn't until the 1937 Flood that the public put more pressure on the federal government to do something to reduce the devastating effects of major floods.

Since then, the Corps has completed more than 400 major lake and reservoir projects, placed more than 8,500 miles of levees and dikes, and implemented hundreds of smaller, local flood damage reduction projects. The projects took decades, and upgrades and maintenance continue to this day. Congress didn't authorize construction of Taylorville Lake, which is approximately 25 miles from Louisville, until 1966.

Taylorville Lake is part of a larger system of Corps lakes that work to minimize flooding within the Ohio River Basin. The basin covers more than 189,422 square miles, draining streams, rivers, tributaries and snowmelt within 14 states. During periods of heavy rain, surface water runoff is stored in the lakes until swollen streams and rivers below the dams have receded and can handle the release of the stored water with fewer impacts to citizens.

The lake is named after Taylorville, the largest community along the Salt

River. Flood damage in and around Taylorville is caused by the flood-prone Salt River that backs up when the Ohio River rises. The Salt River rises near Danville, Ky., and flows in a northwesterly direction into the Ohio River near West Point, Ky., only a short distance downstream from Louisville.

The town was named after Richard Taylor, a landowner and proprietor of a local gristmill. He was also the father of President Zachary Taylor. Early settlers in the area gave the Salt River its name because of the number of salt works that operated along the river's banks in the early 1800s.

A Louisville newspaper in 1841 reported that Salt River floods rose fast enough "to catch a squirrel running up a tree."

In the 1937 Flood, rainfall equal to about half the average yearly precipitation fell in the Ohio Valley during January of that year. The Ohio River at Louisville was above flood stage from Jan. 16 to Feb. 7, cresting 10 feet above the previous record set in 1884.

About three quarters of Louisville flooded in 1937, causing the evacuation of 175,000 residents, 90 flood-related deaths, and \$50 million in property damage. And, it all happened in the dead of winter.

The following is taken from a WAVE Radio Broadcast Jan. 22, 1937, reporting on flood conditions:

Louisville, tonight, is a dark city. Lights are out — streets are deserted, as its citizens experience the worst flood in its history. Just how many families are homeless is unknown, but hundreds and hundreds of homes have had to be abandoned.

The Ohio River is pushing its way farther and farther over the land and has already reached an all-time high mark. Flood stage at Louisville is 28 feet — the river now stands at 48 feet — 20 feet above flood level and is climbing every hour. A stage of 50 feet by tomorrow morning is a certainty, with 55 feet probable for Sunday.

Meanwhile, the torrential rains of the past 40 hours — a record rainfall of over six inches — have changed to an icy, driving sleet.

Richard Briggs of West Point grew up on the Salt River. He was 12 years old when the 1937 Flood hit.

"There were only nine houses in West Point that didn't have water on the second floor," Briggs said. "I have no way of really telling how much the lakes affect us, but I do know that if it's holding water back, it's bound to help us."

So, whatever Corps lake you head to this season, remember that it's much more than a place to recreate.

Louisville District lakes in Kentucky, Indiana and Ohio are multi-purpose projects that provide flood protection, recreation, water supply and wildlife conservation. There are eight lakes in Kentucky (Cave Run, Carr Creek, Buckhorn, Green River, Nolin, Barren River, and Rough River), four in Ohio (Caesar Creek, W. H. Harsha, West Fork, and C.J. Brown), and eight in Indiana (Brookville, J. E. Roush, Salamonie, Mississinewa, Cecil Harden, Cagles Mill, Monroe and Patoka).

Reserve workshop serves successful mix of updates, partnering

By Jon Fleshman, planning, programs and project management

The Louisville District's Reserve Support Branch gave Army customers and contractors alike a chance to get their arms around some of the latest project procurement changes by hosting a partnering workshop March 16-17 in downtown Louisville.

"There's been a lot of changes in the procurement for BRAC (Base Realignment and Closure) to meet deadlines, and in the last two to three years there's been a lot of criteria changes for the Army Reserve program," said Joe Gates, chief of the special programs section, Reserve Support Branch, for the Louisville District. "Of course one of the biggest things about a workshop like this is the partnering and networking opportunities," he said.

"For us there's tremendous value in being able to connect directly with our counterparts supporting the Army and hearing what their priorities are and how they need us to improve our services for them," said Mark Nelson of the architectural firm RSP and one of the 66 contractors among the almost 200 attendees. Nelson has been supporting military construction for 25 years, and he is the designer of record for the Binghamton, N.Y., green building pilot project Reserve center.

At the architectural breakout session Nelson listened to Louisville District architect Doug Pohl describe the Army's desire to "change the design approach from a criteria focus to a process focus"



Brian Cash, Louisville District project manager and Army Reserve Center of Standardization manager, leads a session on sustainability at the Army Reserve Partnering Workshop March 16. Cash is the project manager for the Las Cruces Army Reserve Center green building pilot project.

in the pursuit of sustainable design and construction. Pohl said the Army's vision for net zero — ultimately eliminating environmental impact — is to focus on energy, water and waste strategies rather than a checklist. In the meantime, Leadership in Energy and Environmental Design (LEED) criteria remain an important measuring tool for green building.

"We are still emphasizing the energy upgrades to reduce energy consumption for the buildings and strive to make buildings LEED Silver (level of certification) with the goal of obtaining higher ratings if possible," explained Tony Yeldell, chief of military construction Army Reserves, Assistant Chief of Staff for Installation Management, Office of the Directorate-Reserve. Yeldell co-hosted the workshop with Gates.

The workshop offered seven breakout sessions: interior design, civil, electrical and information technology, mechanical and plumbing, architectural, value engineering and building information management. For senior managers, there were breakout sessions on construction management and environmental and a general session that grappled with Reserve expectations and concerns, quality and BRAC issues.

The topics for open sessions included sustainability, value management, the architecture-engineering management process, design kick-off and charrette, risk management and building information modeling.

"I wanted to refocus all parties on the overall mission of the Army Reserve military construction program," said Yeldell of his intentions for the partnering workshop. "We must incorporate the lessons learned and apply our experiences to new construction in the future. We must also continue to remember that the mission of the Army Reserve Military Construction program is to provide world-class facilities for Army Reserve Soldiers."

For a copy of the Reserve Partnering Workshop briefing slides, contact kimberly.m.haddox@usace.army.mil.

Behind-the-scenes team ensures success

Behind icebreakers, briefing slides, breakout rooms, audio-visual services, invitations, color-coded registration, comment cards and group dinners are the heads, hands and hearts of the Louisville District's administration and support staff.

"Our role was overall organization and logistics, to make sure everything ran smoothly," explained Kim Haddox, senior project management specialist in the Reserve Support Branch. "It's our job to make sure the right people are in the right place at the right time."

Haddox headed up the logistics team that organized and ran the event for almost 200 attendees.

She said the team members started planning the workshop two months ago and met weekly to assign tasks and track progress. One of the reasons for their success, according to Haddox, was that "everybody worked well together and focused on getting what needed to be accomplished accomplished."

Haddox has some tips for holding a workshop:

- Make a wish list of things you want done, break it down into pieces, delegate and follow up
- Start out broad in your planning, then assign tasks to champions who will follow up, track and report back at the weekly meetings
- Provide welcome packets for out-of-townners with a variety of local information, include a list of restaurants within walking distance when lunch is on their own
- Anticipate at least 5 percent will forget to register and have extra welcome and registration packets on hand
- Use color-coded folders when it's useful to distinguish between the various organizations represented by the attendees
- Wi-Fi access at the workshop site makes it easier to move information and material to and from the home office and get last-minute changes to slides and handouts

Haddox's dream team comprised: Rhiannon Payne, Becky Kendall, Marilyn Kunkler, Carolyn Marshall, Dacia Levier, Julie Lord, Patty Germano, Jared Korfhage, Megan Hibbard, Brandon Bush and Chris Saffran. Tom Murphy took and posted photographs on a shared drive.

Corps recognizes Women's History Month with speaker series

Women's movement cleared skies for Lady Cards

By John Neville, public affairs

Up until the 1970s, knowledge of women's contributions occupied little space in the minds of most Americans.

In an effort to shed light on the impact women had in forming and developing this nation, the Education Task Force of the Sonoma County, Calif., Commission on the Status of Women created a "Women's History Week" celebration in 1978. The organization selected the week of March 8 since International Women's Day falls on that date.

The event gained traction among other organizations in the state, and the enthusiasm eventually attracted the attention of Utah Senator Orin Hatch and Maryland Rep. Barbara Mikulski. The two co-sponsored the first Joint Congressional Resolution proclaiming a "Women's History Week." In 1987, the National Women's History Project petitioned Congress to dedicate the entire month to celebrate the

accomplishments of women.

Every year since, the President of the United States issues a Women's History Month Proclamation.

"During Women's History Month, we reflect on the extraordinary accomplishments of women and honor their role in shaping the course of our nation's history," President Barack Obama said in this year's Proclamation. "Today, women have reached heights their mothers and grandmothers might only have imagined."

Keeping in line with the spirit of the proclamation, federal agencies around the country host their own celebrations throughout the month of March. The Louisville District's Equal Employment Opportunity Office hosted three luncheons featuring several speakers who addressed women's issues and life experiences.

On March 18, former University of Louisville basketball players Valerie Owens-Combs and Andrienne Johnson

(both now working for the school's athletic department) spoke.

"Women have come a long way, and we still have a ways to go," Johnson said. "It's up to us to get young girls involved to have a chance to take advantage of the opportunities that are out there, because young women who are involved in sports and physical activity are more likely to be successful and have more self-esteem and do better in the classroom. I am an advocate for that."

The Louisville District's Equal Employment Opportunity Office (EEO) sponsored a three-part speaker series during the month of March to honor Women's History Month. The three events included government, athletic and media speakers.

Local media celebs bring inspirational messages to Corps employees

By Katie Newton, public affairs

The Louisville District welcomed local media representatives to speak in honor of Women's History Month March 29 at the Romano Mazzoli Federal Building.

The event featured WAVE 3 news anchor Dawne Gee, WHAS 11 anchor Rachel Platt and WDJX radio host Sarah Jordan who shared life experiences and inspirational messages that focused on three common themes: juggling busy schedules, supportive mothers and positive attitudes.

All of the women discussed how hectic life can be with jobs in television and radio on top of everyday duties. "My life is never the same two days in a row," said

Jordan, host of *The Night Life* at WDJX.

Gee and Platt, who are both mothers, shared similar testaments that balancing work and life at home is a constant challenge. "As women we are always taking care of everybody else," Gee said who had to leave the ceremony to visit a family member at the hospital.

Platt had her own family commitments to tend to, disclosing that after her son's lacrosse game that night she would likely get only four to five hours of sleep before anchoring the morning broadcast.

"We've got to learn that when we are juggling, the world doesn't end when you (Continues on Page 12)



Dawne Gee, WAVE 3 news anchor, speaks at the Women's History Month Luncheon March 29 featuring women in the media.

Katie Newton

drop a ball,” said Platt.

Each of the women talked about how they had strong, influential women in their lives. “I come from a long line of strong mothers,” said Platt, “My mother is my rudder, my rock and my role model.”

Lastly, all of the speakers discussed the importance of positive attitudes both in the workplace and in everyday life.

“Everything we do begins with attitude,” said Gee. “Attitude is like your underwear — when you get up you decided what pair to put on — you made the choice. The only difference between a good day and a bad day is your attitude,” said Gee.

She challenged the audience to try her mental health diet which consists of saying only positive things for seven consecutive days. “Cut out the negative chatter,” she said. The rule is simple: if you slip up, you start over at day one. Gee joked that she has been trying for three years to make it

“We’ve got to learn that when we are juggling, the world doesn’t end when you drop a ball.”

**-Rachel Platt
WHAS 11 news anchor**



Katie Newton

Sarah Jordan, WDJX radio night host shared her experiences as a young media professional during the Women’s History Lunch March 29.



Katie Newton

Rachel Platt, WHAS 11 news anchor, shares uplifting messages with Corps employees during the Women’s History Month Luncheon March 29.

seven days in a row without saying something negative.

Platt, who discussed ageism in journalism, expressed the importance of positive attitudes in the workplace. “We have to stop being apologetic about our ages,” she said. “Reinvent yourself, pick yourself up, and move on to the next thing.”

Platt is inspired by the advances of women in her field. “I’m encouraged that women have made an indelible mark in journalism and continue to every day,” she said.

Jordan, who is one of the youngest people at WDJX and the first female in her position, offered guidance for young women entering the workforce.

“People told me, ‘you’re too young,’ said Jordan. Sometimes all [someone] needs to hear is, ‘you can do this.’

She recommends learning something from the people around you. “Observe the people in positions that you want to have someday,” she said.

The event was sponsored by the district’s Equal Employment Opportunity Office and was the last of a three-part speaker series to support Women’s History Month.

Water safety messages hit the road

By Katie Newton, Public Affairs

The Corps of Engineers Louisville District Middle Wabash Area Office came up with an inventive and unconventional way to advertise water safety.

By simply updating their plain, white storage trailer with attractive water safety graphics featuring Bobber the Water Safety Dog and his friends, the message will reach more people.

“The trailer makes a good moving and stationary water safety message board for the area,” said Dave Cable, Middle Wabash Area operations manager.

The district coordinated with Lynda Nutt, water safety director, Walla Walla District, to obtain the graphics.



Middle Wabash Area Office

The new water safety trailer at the Middle Wabash Area Office has three sides of the trailer devoted to Bobber the Water Safety Dog to appeal to a younger audience and another side which shows images for a broader audience.

District surveyors share knowledge with Boy Scouts of America

By Bob Lambert, engineering division

Members of the Louisville District's survey group took part in the Boy Scouts of America's Merit Badge University, hosted by Troop 868 of Shepherdsville, Ky., Feb. 26.

The Merit Badge University program is the largest event of its kind in Kentucky. The event provides Scouts an opportunity to work on a host of different merit badges, and Scouts from any troop, district, or council are welcome to participate. This year's event, held at Bullitt Lick Middle School and Shepherdsville Elementary, hosted more than 1,300 Scouts from surrounding states and 270 counselors.

Chris Heintz and Bob Lambert, surveyors in the Engineering Division's Civil/Survey Section, spent the day leading Scouts through the requirements needed to obtain their Surveying Merit Badge. The day began with classroom instruction, moved outdoors for field exercises and returned to the classroom to compute the survey data collected in the field.

Discussions on the advancements in surveying, the role of GPS and prereq-

uisites needed for careers in surveying completed the day. Six students completed

their Surveying Merit Badge requirements.



Chris Heintz

Bob Lambert (left), Louisville District surveyor, watches as a group of Boy Scouts perform differential leveling while trying to earn their merit badges Feb. 26.

Culvert valve installation complete at Markland

By Jenn Domashevich, public affairs

Four new culvert valves have been installed at Markland Locks and Dam in Warsaw, Ky. The new valves replaced the 50-year-old valves that regulate water flow in and out of the 1,200-foot lock chamber.

The work was performed under the last of three American Recovery and Reinvestment Act contracts for the Markland Lock Major Rehabilitation Project, which has enabled the district to accelerate this critical navigation infrastructure rehabilitation project.

Aquarius Marine of Ludlow, Ky., oversaw the placement of the new culvert valves.



Jenn Domashevich

Four new culvert valves were installed at Markland Locks and Dam in Warsaw, Ky., as part of the American Recovery and Reinvestment Act (ARRA).



Corps lakes celebrate Earth Day

By Jon Fleshman, planning, programs and project management

Friday, April 22 is Earth Day. Some lake projects, like Patoka and Cave Run, have already held events, and some events are still to be held in May. The Louisville District's lake projects rely on volunteers to help with the activities planned around this combined observance and celebration, and members of the district's family are especially welcome. For additional information, go to: www.lrl.usace.army.mil and click on "Find a Recreational Lake" near the top left of the page. Below is a list of some of the upcoming Earth Day events.

Carr Creek Lake

- Lakeshore and general cleanup April 30.
- As part of a Junior Ranger Program several trees will be planted during the month of April. The point of contact (POC) is Park Ranger Kevin Wright.

Buckhorn Lake

- Lakeshore and general cleanup April 23. This event typically involves coordination with Buckhorn State Park, Perry County Pride Coordinator and 75 to 100 volunteers who pick up litter, appliances and similar items. Typically several tons of trash are removed from the shoreline during this one-day event.
- An Arbor Day event at Buckhorn State Park April 29 includes Project Learning Tree activities and tree planting. POC is Park Ranger Dewayne Shouse.

Cave Run Lake

- Lakeshore and general cleanup and trail maintenance. POC is Park Ranger Thomas Jackson.

Harsha Lake

- Pioneer Rendezvous Grassy Run Clermont County Schools Wildlife Demonstration April 22
- East Fork River Sweep and Butterfly Safari April 30

Caesar Creek Lake

- Green Up Day April 16
- Bird banding demonstration April 22

Brookville Lake

- Tree planting in tail water area April 22

C. J. Brown Dam and Reservoir

- Earth Day invasive plant removal April 23

Monroe Lake

- Take Pride in America partnering with U.S. Forest Service includes lake cleanup, building bird boxes, trail maintenance and mulching May 14

Buckhorn Lake

- Lakeshore and general cleanup April 23
- Arbor Day April 29

Rough River Lake

- Lakeshore and general cleanup April 16
- Ecomeet with the U.S. Forest Service for Breckinridge 5th-graders May 18



Courtesy of the U.S. Forest Service

Cave Run Lake Natural Resource Specialist Thomas Jackson assisted the U.S. Forest Service with their "Building for BlueBirds" event March 26. Jackson helped children build 126 bluebird boxes to increase the amount of viable nesting sites for bluebirds. Approximately 200 people attended the event held at Gladie Cultural-Environmental Learning Center in Daniel Boone National Forest.

Paperless PRBs

By Jenn Domashevich, public affairs

There will be no more printed slides at the Louisville District Project Review Boards (PRB). As the district continues to go from green to greener, all PRB participants have been asked to bring their laptops to the monthly meetings and save some trees. "We're trying to get away from printing copies for PRBs," said Deputy District Engineer David Dale. "The district has a mission to become more green." For those who do not have a laptop, all presentations will be available on a network drive, and those who wish to print out their own copies prior to the meetings have been asked to print on both sides of the paper.

LEED Credits Quiz answers

The January/February issue of the Falls City Engineer featured a LEED credits quiz. The correct answers to the six sustainability questions were: 1.e, 2.c, 3.d, 4.f, 5.a and 6.b.

Congratulations to our winners: 1) First place - Steve Skaggs selected a Corps mug and 2) Jim Kelly and Priscilla Southwood tied for second place and received cooler bags. They both submitted their answers at the exact same minute.

Thank you to everyone who participated in the LEED quiz.

Safety Spot

Boating Safety: Know before you go

Source: www.watersafety.usace.army.mil

Summer recreation season is right around the corner. It is important to remember safe boating and swimming practices.

Boaters

- Know your boat and know the rules.
- Take a safe boating course.
- Check your boat for all required safety equipment.
- Consider the size of your boat, the number of passengers and the amount of extra equipment that will be onboard. Don't overload the boat.
- If you will be in a power boat, check your electrical system and fuel system for gas fumes.
- Follow manufacturer's suggested procedures before starting up the engine.
- Wear your life jacket –

don't just carry one on board.

- Leave your alcohol behind.
- Check the weather forecast.
- File a float plan with a member of your family or friend.

Swimmers

- Never rely on toys such as inner tubes and water wings to stay afloat.
- Don't take chances by overestimating your swimming skills.
- Swim only in designated swimming areas.
- Never swim alone.

Divers

Never dive into lakes and rivers; the results can be tragic.

- Often, hidden dangers lurk beneath the surface of the water, including rocks or shallow water.

Small Children

Each year, about 200

children drown and several thousand others are treated in hospitals for submersion accidents, accidents which leave children with permanent brain damage and respiratory health problems.

Remember, it only takes a few seconds for a small child to wander away. Children have a natural curiosity and attraction to water.

The four major causes of drowning

- Not wearing a life jacket
- Abuse of alcohol
- Lack of sufficient swimming skills
- Hypothermia

Wear
your
life
jacket



New faces and fond farewells

New January/February employees



Christopher Connors
Civil Engineer
Operations Division



William Holland
Repairman
Louisville Repair Station



Travis Hosea
Deckhand
Louisville Repair Station



Tammy Reece
Office Automation Clerk
Engineering Division



Daniel Zay
Regulatory Specialist
Operations Division

Retirement

By Jeff Swift, retired maintenance mechanic,
Mississinewa Lake

Out with the old, in with the new,
Not using an alarm, will take getting used to.

The young guys are stronger, they're computer smart;
The old guys are settled, but with dedicated hearts.

Many years of working have taken its toll,
Legs not steady, and bellies that roll.

Our eyes don't see well, our ears don't hear,
But the knowledge that we've gained, is sometimes quite clear.

Equipment, trucks and tools are all new,
Opportunities abound for this young crew.

Many jobs will change, the guys will jockey,
Sometimes the road could even be rocky.

Leaders emerge, new policies take place,
Follow the rules, and keep up the pace.

The dams grow older, new challenges appear,
How maintenance changes is not quite clear.

My wife has a list of things to do,
I'll be just as busy as all of you.

We all must retire, works better for some,
Hope I am ready, but what's done is done.

Your jobs are important, they could save lives,
When creeks are swollen, and the rivers rise.

By maintaining the water, when the rains pour loud,
The Upper Wabash should certainly be proud.

Not pictured:

Austin Connor, engineering division
Gregory Croon, planning, programs and project management
Kevin Dixon, operations division
Jon-Peter Lee, construction division
Tara Lee, construction division
Michael Schueller, construction division
Karl Schoening, operations division
Mark Smith, construction division
Eric Springston, engineering division
Jordan Weber, construction division

January/February retirements

Robert Hess, construction division
Theresa Hutchens, engineering division
Keith Richardson, operations division
Dwight Wilson, operations division

By the numbers

Louisville District totals

- 1,327 employees
- 14 Department of the Army interns
- 35 volunteers deployed

Swift says goodbye to Mississinewa Lake

By Scot Dahms, Upper Wabash Project Office

On March 31, Jeff Swift, maintenance mechanic at Mississinewa Lake, retired with 21 years of civilian federal service. Swift was in the Air Force and retired from active duty with 20 years before working as a civilian. In total, Jeff had 41 years of federal service in both active duty and as a civilian. He worked at Grissom Air Reserve Base as a civilian and started at Mississinewa in 2000.

On March 22, the staff of the Upper Wabash Project Office had a retirement gathering for Swift. The entire staff, along with recent retirees, wished him the best in his retirement.

Jeff also gave the staff some parting words as he read a poem he wrote (See page 16 to read the poem). Swift's poem hits home with the loss of institutional knowledge through the replacement of retiring employees, which the entire Corps is going through. Of the Upper Wabash Project's 14 permanent employees, six employees are 50 years or older, three employees are between 30 and 50 years old and five employees are 30 years or younger. Three of the employees over the age of 50 may retire before the end of this year.



Jeff Swift (right) and his wife, Sue, received certificates for their service to and support of the Corps of Engineers during a retirement party March 22.

Jy Leland

In memory of Wanda Rodgers

By Greg McKay, operations division

The Louisville District lost one of its own, Wanda Rodgers, March 19. Wanda was a Louisville native and worked as an environmental protection assistant in the Regulatory Branch for the last seven years. Despite failing health in recent months, Wanda continued to work as much as she was able. She provided excellent service to the Regulatory Branch and was admired for her positive outlook. She was a hard worker and kept the Regulatory Branch running efficiently. She ensured all staff had everything they needed. She was always willing to go the extra mile.

Wanda had a good sense of humor. We will miss her smiling face and her light-hearted comments. Wanda was a good friend to many and never too busy to listen or to express her opinion or concern.

You will be missed, Wanda.



Designed by Owen Funeral Home

In memory of Christopher Bedwell

Christopher Bedwell died March 17 while working at the Warrior in Transition Complex Barracks project on Fort Knox, Ky. Bedwell was employed by Drywall Systems Plus, a sub-contractor on the project.

"Our thoughts and prayers go out to the family members of this employee," said Louisville District Commander Col. Keith Landry.

The son of Jerry Lee and Mary Suzanne Bedwell, Bedwell is survived by his wife, Regina Fay Bedwell; three daughters: Heather Michelle Tidwell, Brittney Dawn Tidwell, and Kristen Renee Evitts; one sister; Deana Ann Mitchuson, one brother; Bradley David Bedwell; and two grandchildren; Elizabeth May Spradlin and Brayden Lee Lynn Smith.

The cause of the accident is under investigation.



Photo from Collier Funeral Home website

Celebrate Spring

Hop into spring with these tasty recipes that will delight your guests.

Glazed Ham

Ingredients:

- 1 (5 pound) ready-to-eat ham
- 1/4 cup whole cloves
- 1/4 cup dark corn syrup
- 2 cups honey
- 2/3 cup butter

Directions:

Preheat oven to 325 degrees F

Score ham, and stud with the whole cloves. Place ham in foil lined pan.

In the top half of a double boiler,

heat the corn syrup, honey and butter.

Keep glaze warm while baking ham.

Brush glaze over ham, and bake for 1 hour and 15 minutes in the pre-heated oven. Baste ham every 10 to 15 minutes with the honey glaze. During the last 4 to 5 minutes of baking, turn on broiler to caramelize the glaze. Remove from oven, and let sit a few minutes before serving.



Deviled Eggs

Ingredients:

- 6 hard-cooked eggs
- 2 tablespoons mayonnaise
- 1 teaspoon sugar
- 1 teaspoon white vinegar
- 1 teaspoon prepared mustard
- 1/2 teaspoon salt
- Dash of paprika

Directions:

Slice eggs in half lengthwise; remove yolks and set whites aside. In a small bowl, mash yolks with a fork. Add the mayonnaise, sugar, vinegar, mustard and salt; mix well. Stuff or pipe into egg whites. Sprinkle with paprika. Refrigerate until ready to serve.



Coconut Creme Pie and Perfect Meringue

Ingredients:

- 2/3 cup sugar
- 1/4 cup cornstarch
- 1/4 teaspoon salt
- 2 cups milk
- 3 egg yolks, lightly beaten
- 1 cup flaked coconut, finely chopped
- 2 tablespoons butter
- 1/2 teaspoon vanilla extract
- 1 (9 inch) pastry shell, baked

Meringue:

- 3 egg whites
- 1/4 teaspoon cream of tartar
- 6 tablespoons sugar
- 1/2 cup flaked coconut

Directions:

In a small saucepan, combine

the sugar, cornstarch and salt. Stir in milk until smooth. Cook and stir over medium-high heat until thickened and bubbly. Reduce heat; cook and stir 2 minutes longer. Remove from the heat. Stir a small amount of hot filling into egg yolks; return all to pan, stirring constantly. Bring to a gentle boil; cook and stir 2 minutes longer. Remove from the heat. Gently stir in chopped coconut, butter and vanilla until butter is melted. Pour hot filling into crust.

For meringue, in a small mixing bowl, beat egg whites and cream of tartar on medium speed until soft peaks form. Gradually beat in sugar, 1 tablespoon at a time, on high until stiff glossy peaks form and sugar is dis-

solved. Spread evenly over hot filling, sealing edges to crust. Sprinkle with flaked coconut.

Bake at 350 degrees F for 12-15 minutes or until the meringue is golden. Cool on a wire rack for 1 hour. Refrigerate for at least 3 hours before serving. Refrigerate leftovers.



Frequently Asked Questions

The Louisville District Public Affairs office receives many inquiries. Below is the answer to a question the district is often asked.

By Vanessa Whitworth, public affairs

Q: We want to use the Corps of Engineers boat ramps – where are they and how much do they cost?

A: Boat ramps are available at all Corps Lakes. Some boat ramps are operated by others under lease agreements; other boat ramps are operated by the Corps.

User fees are charged at most locations. Fees range from free to \$3, \$4 or \$5/three-day pass. Refer to the boat ramp locations

link for more information at: www.lrl.usace.army.mil/opto/article.asp?id=97&MyCategory=215 or by going to: www.lrl.usace.army.mil

- click on recreation
- click on boating
- click on boat ramp locations

You will see boat launch locations, prices and phone numbers.



Katie Newton

This boat ramp user fee box at Barren River Lake is typical of how most Corps Lake boat ramp fees are collected via the honor system.

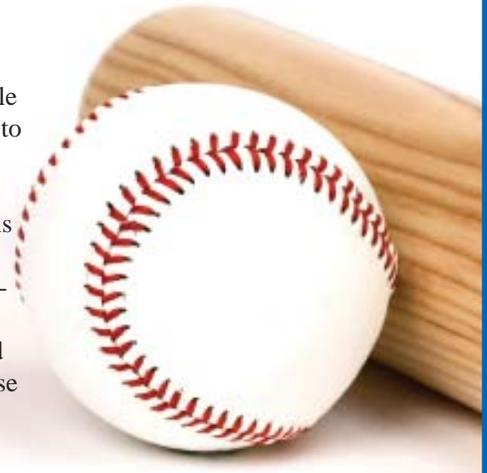
Slugger Field water safety day

The U.S. Army Corps of Engineers Louisville District will sponsor a water safety day at Louisville Slugger Field May 15 at a Louisville Bats game to promote water safety.

Louisville District Commander Col. Keith Landry will throw the first pitch of the game. The Corps will have a patrol boat and water safety trailer on display in the Witherspoon Plaza of Slugger Field. Additionally, more than 750 T-shirts with Bobber the Water Safety Dog and the Bat's Buddy Bat mascot on them will be given away to children ages 12 and under.

The mascots will make appearances at the event as well. There will be other informational items passed out and a table featuring fatal vision goggles for people to try on.

“This is a great way of meeting our target audience of the young male, who is statistically proven to be the most likely to die of drowning than other age categories,” said Diane Stratton, Rough River Lake manager. “Louisville is also a good place to have a water safety event because a lot of our district lakes’ clientele come from Louisville.”



Snapshot from the past



Boat ramps are under construction at Salamonie Lake in Dora, Ind., in June of 1967. The contract was awarded to Phend and Brown Co. out of Indiana.

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