



US Army Corps  
of Engineers®  
Nashville District

# DistrictDigest

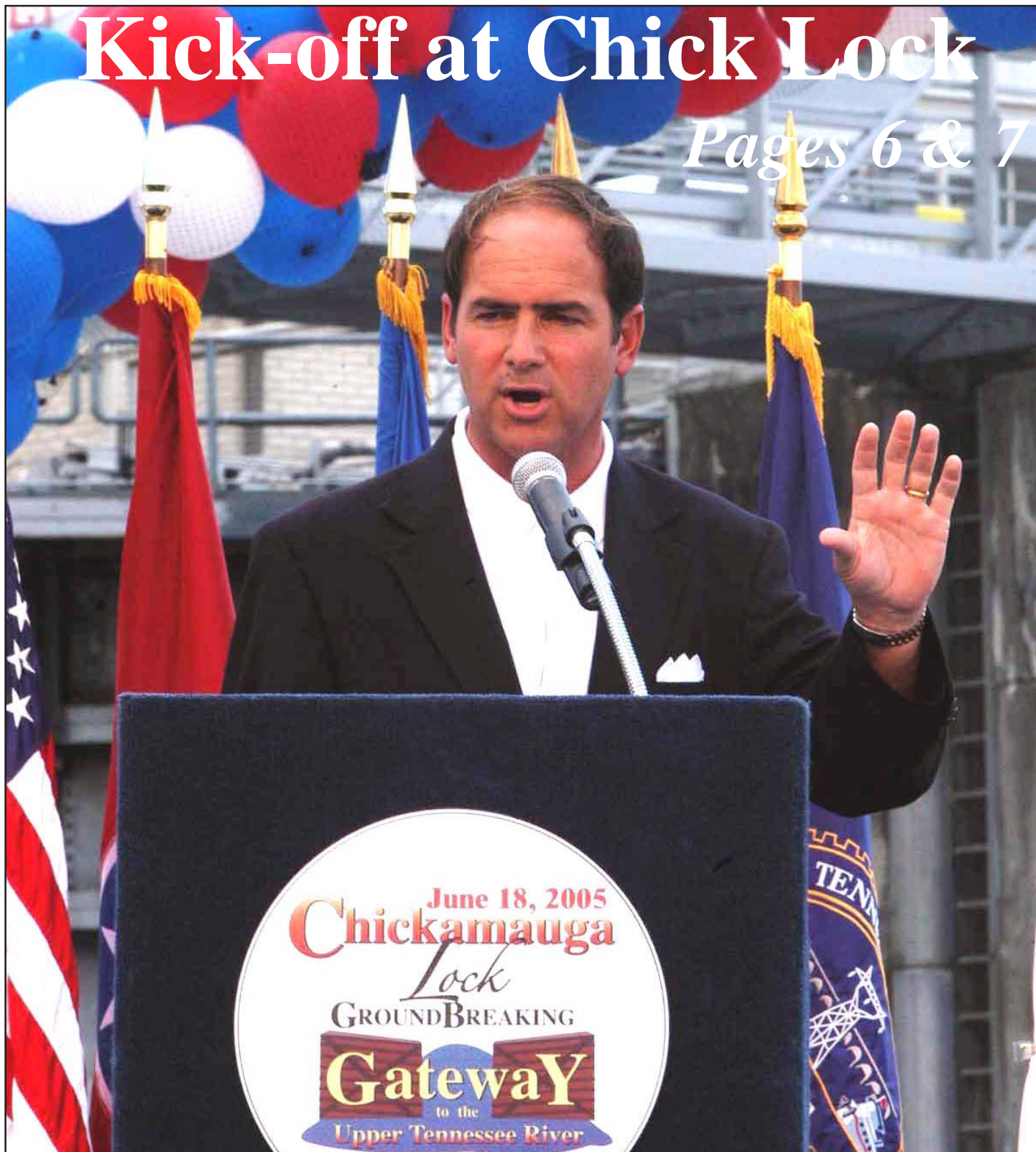
Volume 105, Number 6

*Respected-Responsible-Reliable*

July 2005

## Kick-off at Chick Lock

*Pages 6 & 7*



# Contents

From Where I Sit .....	3
Employee of the Month .....	3
New District Engineer Takes Helm .....	4
Corps Replaces Mud School Structure in Iraq .....	4
Shoes Brighten Children's Faces .....	5
Officials Gather to Laud Benefits of New Lock at Chickamauga .....	6
Engineer Day 2005 Draws Big Crowd .....	8
Dale Hollow Rodeo Features Fish (and Lots of Kids!) .....	9
Corps Crowd .....	10
Boating and Water Safety Should Go Together .....	11
Just to Be on the Safe Side (Carbon Monoxide) .....	12
ASMC Awards Scholarships .....	12

## *PRIDE of the Cumberland Delivers Service*

The *PRIDE of the Cumberland* has been in operation 40 hours a week since April 25 collecting and disposing of debris during routine work periods, totaling more than 300 work-hours to date. More than 2,400 cubic yards of debris collected from the lake and shoreline have been disposed of in the last 6 weeks. Approximately 100 cubic yards of non-organic debris, consisting of aluminum, glass, plastics, appliances, metal containers and tires has also been transported to the landfill through *PRIDE of the Cumberland* operations.

Work has been concentrated in the Burnside/Waitsboro area due to the magnitude of debris in the area and the potential for the debris to move down the lake and be deposited in other areas. As soon as the debris that can be collected by the vessel is removed from that general area, operations will continue downstream on the lake.

Due to the nature of the currents on Lake Cumberland, debris can be carried from one side of the lake to the other overnight by currents. Debris has been removed from coves during an operating period only to return the next day due to wind action and lake currents. Launching ramps in the upper end of the lake are surveyed on a weekly basis to determine if debris is impacting the ramp to the extent that launching is impacted. Launching ramps are cleaned when debris deposits impact launching. 🏠

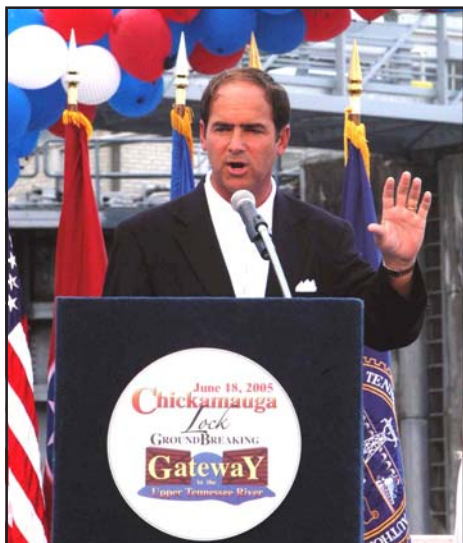


photo by Dave Treadway

## On the Cover

Rep. Zack Wamp, R-Tenn., speaks to a crowd gathered at Chickamauga Lock June 18 to break ground on a lock replacement project for the structure that has long been plagued by Alkali Aggregate Reaction. The current lock will be replaced by a larger 110-foot-by-600-foot lock that will make navigation easier for commercial tows. He was joined by Senate Majority Leader Bill Frist, Senator Lamar Alexander, Rep. John Duncan, and ASA(CW) John Paul Woodley, Jr. For complete details, see pages 6 and 7.

## District Digest

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Information about the Nashville District may also be found on the District's homepage at: <http://www.lrn.usace.army.mil>.

# Lieutenant Colonel Byron Jorns From Where I Sit

Folks,...it is with mixed feelings that I write this month's column. Two years ago, I couldn't have asked for a better job...and I can still say the same today. Serving in the Nashville District is a pleasure and it is the people that make it so. Thank you for the warm friendship and southern hospitality that all of you extended to me and my family. I will cherish the memories of my Nashville "tour" forever.

...We've started some difficult initiatives together. What with the RIF authority, Live Within Our Means, Regionalization, 2012, etc...the news has not often been upbeat. I admire your professionalism and determination to move forward, to stay positive, and to continue to provide outstanding products and services to our region. The

## Communication

future of the Nashville District remains bright...due, in no small measure, to your great teamwork, positive attitude, and flexibility towards change. I am extremely proud of all of you and am blessed to have had the opportunity to serve as your commander.

...I know all of you will give LTC Steve Roemhildt the same support provided me. He will be a tremendous asset to the Nashville District team. I am excited about the future for all of you.

...As I sign off for the final time, my compliments to all of you for your outstanding record in the safety arena. Nashville District employees are safety conscious and it shows. As someone once said, "You can look it up!" Chickamauga Lock has attained more than half a century without a lost-time accident and that is a commendable record.

...Summer is upon us and many of us will be driving while on vacation. I want to offer some real driving tips to perhaps make your trip safer. Drivers who quit before getting too tired, anticipate the needs of other drivers, exhibit a little common courtesy, and go with traffic flow are the ones who have the safest and most enjoyable

vacation trips. Adjust your side view mirrors correctly to see the side of your car, not behind you. Look ahead of traffic flow at least 10 seconds to anticipate potential trouble. And before you even begin your trip, have your car serviced and inspect tires, belts and hoses. Above all, be safe.

...my warmest regards...Essayons!



LTC Jorns speaks at the Chickamauga Lock Groundbreaking ceremony June 18.

## Hull Named June Employee of the Month

**K**en Hull, a Regional Structural Specialist, GS-13, in the Civil & Structural Section, Design Branch, Engineering-Construction Division, was named Employee of the Month for June.

Hull recently assisted the Operations Division repair party with the installation of the caisson/stop-log embedded metals at Pickwick Auxiliary Lock. This involved the fabrication of form work and the underwater placement of concrete.

At the same time, he was also assisting the repair party with the cutting of slots in the dam at Center Hill which involved the construction of two pull boxes for the electrical service across the dam. The slots cutting had to be postponed due to high water but the team was able to construct the electrical pull boxes and manholes as well as prepare for the slot cutting. Hull was on site for both of these projects and

provided critical assistance to the repair party until the jobs were completed. Both of these projects were on very tight schedules due to the work schedule of the repair party and required him to work long hours and spend considerable time on the road between the two projects.

Senior Leaders select the Nashville District employee of the Month from the many excellent employees

identified by the District's chain of command.

Selected individuals personify the seven Army values of loyalty, duty, respect, selfless service, honor, integrity, and personal courage.



Ken Hull

# New District Engineer Takes the Helm

by Dave Treadway

Lieutenant Colonel Steven Roemhildt will assume command of the Nashville District July 22 in a morning ceremony at the War Memorial Auditorium.

The new District Engineer is a native of southern Minnesota and a graduate of the United States Military Academy at West Point, N.Y. He graduated with a bachelor of science degree in civil engineering and was commissioned a second lieutenant in the Corps of Engineers in 1987. He earned a master of science degree in engineering management from the University of Alaska – Anchorage and is a licensed professional engineer in the state of Alaska.

LTC Roemhildt is also a graduate of the Engineering Officer Basic Course, the Infantry Officer Advanced Course and the U.S. Army Command and General Staff College.

LTC Roemhildt has served in a variety of assignments in the combat engineers (platoon leader and XO – 23<sup>rd</sup> Engineer

Battalion in Germany, Training Officer – 7<sup>th</sup> Infantry Division at Fort Ord, Calif., Company Commander – 14<sup>th</sup> Engineer Battalion at Fort Lewis, Wash., Operations Officer – 555<sup>th</sup> Engineer Group at Fort Lewis, Wash.).

He has also served in a variety of billets and locations with the U.S. Army Corps of Engineers (project engineer & assistant resident engineer – Alaska District, NATO project officer – European District and deputy district engineer – Pittsburg District). In a garrison environment and installation management, the new commander has served as program manager with the 8<sup>th</sup> Army in Korea, as a facility engineer with Task Force Sinai in support of the Multinational Forces and Observers in Egypt and as director of Public Works in Yongsan, South Korea. He has deployed in support of Operation Desert Shield/Storm and Operation Joint Endeavor.

The new commander's younger brother is currently serving as a lieutenant commander in the U.S. Navy. He has earned the parachutist badge, sapper tab, and ranger tab. His decorations include



LTC Steven Roemhildt

the meritorious service medal and five overseas service ribbons.

All District employees are invited to attend the 10 a.m. change of command and a reception immediately following. Bus transportation will be available to transport employees from the federal building to the ceremony and return.

## Corps Replaces Mud School Structure In Iraq

Story and photo by Maj. Bob Pegg

An historic ribbon-cutting ceremony was held May 28 for the Al Jazeera "Mud" School. Actually the event celebrated a replacement for a mud structure that was 30 years old which served as a school building, windowless and without lights. The new Al Jazeera School is located 10 kilometers north of Ali Al Sharqi in the Maysan Province on the west bank of the Tigris River.

The entire community celebrated the event by attending the ceremony hosted by the Provincial Director General (DG) for education. It was extremely well attended.

The community witnessed the Director General cutting the ribbon to officially open the school and then the school's headmaster hosted the celebration and signing ceremony. Several officials were present. The

signing ceremony included the commander of the 1<sup>st</sup> Stafford Battle Group at Camp Abu Naji, LTC Andrew Williams, the DG for Education, the DG for the contractor and members of the USACE Maysan Resident Office (MRO).

The school's headmaster, the teachers and more than 100 children, grades 1-5, who will attend the new school beginning

in August served as a backdrop for the festivities.

An extremely well-pleased school headmaster personally led a tour of the two schools, past and present, to show the remarkable progress that this new school represents for this community situated on the banks of this historic waterway. 🇮🇶



Front of the Al Jazeera School as seen from the Levee along the Tigris River. The school that is being replaced is visible just to the right of the new school.

# Shoes Brighten Children's Faces

## *District Drive Succeeds*

by Dave Treadway

Castle Club President Kristal Jones heard of the need for shoes for school children in Iraq and quickly went to work to fill that need.

She appealed to club members and other District employees and collected used, slightly used, as well as new shoes of all sizes. When finished, she had 10 boxes that contained approximately 150 pairs that she then mailed on April 11 to J.W. Purcell. Many employees also donated the funds to ship those boxes to the needy children in Iraq.

The shoes arrived at Gulf Region North and were distributed in Dohuk and Erbil, Kurdistan.

Public Affairs Specialist Mike McAleer, Interpreter Lana Aziz, and District Commander COL Kurt Ubbelohde, captured the reactions of children who received them.



photo by Interpreter Lana Aziz

A child is fitted with a pair of new shoes at an elementary school in Erbil, Iraq.



photo by Mike McAleer, Gulf Region North

A young Kurdistan girl looks into the camera as an adult fits her with a new pair of shoes in late April.

The light, almost blonde hair of some of the children was a surprise to Purcell.

"I am told by some of the Kurdish folks here," revealed Purcell, "that blonde hair and blue or green eyes is not uncommon in their families."

Several hundred schools have been rebuilt by Gulf Region North and the shoes were given to children at some of those schools.

"The estimate," continued Purcell, "is about 150 pairs of shoes from Nashville District donations have been distributed. Another 150 or so pairs of shoes are on their way to me now. Most of these were collected by children from Ft. Campbell Child Development Center #2. I had asked folks from my church (The Crossing) in Clarksville to participate in the shoe outreach, and Karen Schiflett, from my Sunday school class, was instrumental in encouraging the kids from CDC #2 (where she works) to take part in the outreach effort." 📷

# Officials Gather to Laud Benefits of New Lock

Story by Dave Treadway,  
photos by Bill Peoples, Steve Foshee, and Dan Loftin

The replacement of Chickamauga Lock officially began June 18 as a delegation from Washington gathered on the north wall to applaud the beginning of work there.

Rep. Zack Wamp, R-Tenn., in whose district it lies, served as master of ceremonies as a number of individuals made remarks before a weekend crowd.

“We have never finished a project like this that didn’t start,” said Wamp, “so starting a project like this is absolutely the critical piece. Senator (Bill) Frist just told me that we are committed, no matter what we are doing, to meet back here in seven years for the completion of the replacement of the Chickamauga Lock.”

Hamilton County Mayor Claude Ramsey called it “a wonderful day for our community, not only for the long-term future of the community but immediately we start seeing jobs. It ensures a bright future, not only for Hamilton County but for eastern Tennessee, all up and down the Tennessee valley.”

Gerald Nicely, Commissioner of the Tennessee Department of Transportation, represented the Governor.

“Gov. Bredesen has emphasized that the policies of the Dept. of Transportation should promote economic development,” said Nicely, “and the waterways system is often overlooked as serving an important component of that. As we were undertaking our long-range planning effort our

research indicated that truck traffic on our interstates will reach almost intolerable levels over the next few years. It’s important that we have ways to divert that and so one of those will be projects like this new Chickamauga Lock.”

The Corps of Engineers strategic partner on the lock replacement project, was represented by Bill Baxter, the new chairman of Tennessee Valley Authority.

“The first group of folks gathered here with FDR 65 years ago,” said Baxter. “Technology has changed a lot since then and it’s time for a new lock. Chick Lock is literally the gateway to middle and upper east Tennessee and if this lock were ever to close, we are closing the door on this region of our state for economic development and we can’t let that happen. This lock is critical to the development of this part of the state. It is critical to this country. 96% of the freight that passes through the lock is going to or coming from some other state.”

He then compared the size of barges when the lock was built to dimensions of those that ply the river today.

“This lock has become a bottleneck in the nation’s navigation stream. It is the slowest lock through of any lock in the Ohio Valley system. We’ve got to fix that. This new lock will reduce transit times for a 15-barge tow from 16 hours to 2 ½. That’s basically two working days for these companies to move products and that means lower -priced goods throughout the valley,” Baxter concluded.

Cong. Wamp then introduced District Engineer LTC Byron Jorns.



**LTC Byron Jorns**

“I’m glad the Corps of Engineers was there,” said Wamp, “when we realized TVA could not actually construct this lock replacement. This is a TVA

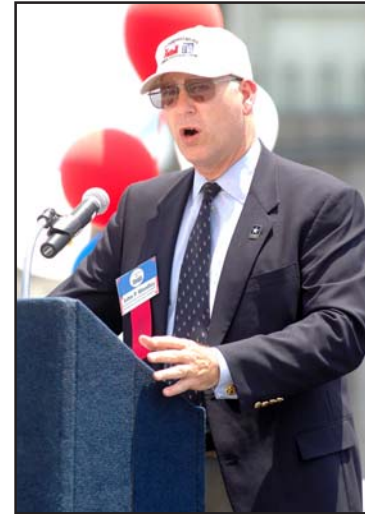
## Process

system, TVA dam, the federal government built it, TVA manages it, but we were in the middle of losing our appropriated dollars at TVA and they were so cooperative through the transition from TVA being the lead to the Corps being the lead.”

LTC Jorns called the lock the lifeblood of the region which is fed by two primary arteries, the TN-TOM waterway bringing goods and services up from the Gulf, and the lower reaches of the Tennessee bringing goods from the Ohio and the upper Mississippi. “We all know we have a facility that is in ill-health right now and, Senator Frist, I suggest we are going to conduct by-pass surgery on this system. It will be by-pass surgery of the brick and mortar type and we are anxious to get at it.”

The leader of the Corps in Washington, Assistant Secretary of the Army for Civil Works John Paul Woodley, Jr., was making his third visit in 16 months to Chickamauga lock.

“We have before us a technical achievement, a piece of infrastructure of enormous importance to this nation. We are very, very proud of the relationship that exists between TVA and the Corps of Engineers, something that doesn’t exist anywhere else in the world. I am an advocate for inland navigation in this country



**ASA John Paul Woodley, Jr.**

and I pledge to continue that advocacy, especially for this piece of infrastructure we are gathered at today.”

Wamp then brought to the podium the Chairman of the Water Resources and Environment Sub-Committee, Rep. John Duncan, R-Tenn.



**Rep. John Duncan**

# Lock at Chickamauga Dam



Senate Majority Leader Bill Frist, flanked by Rep. Zack Wamp and Sen. Lamar Alexander, answers questions from the media June 18 following the formal groundbreaking ceremony for the replacement lock at Chickamauga Dam.

“We have been working on this project for a long time,” declared Duncan, “Zack and I have been working on it ever since he first came to the House. Although this is in Zack’s district and all the money is going to be spent in his district, this project is almost more important to my district than it is to his. And that was brought home to us in the early nineties when a prominent businessman in Knoxville called to ask me to meet with him about Chickamauga Lock. I thought I would meet only one person, but when I arrived there were over a hundred business people there that day on that short notice, one after another standing up telling me how important Chickamauga Lock was to Knoxville and to east Tennessee.”

Senator Lamar Alexander, R-Tenn., agreed with Duncan on the importance of a new lock at Chickamauga.

“The replacement of Chickamauga Lock is more important for all of east Tennessee than it is for Chattanooga. It’s important for all of us and that is why



Sen. Lamar Alexander

we are here. The great Historian of Tennessee, Dr. J. G. M. Ramsey of Knoxville, wrote in his autobiography in the early 1800’s about how they could harness the opportunity of bringing commerce up the Tennessee River to Knoxville and back down and in that way connect to New Orleans and the rest of the country. That became true in 1941 with the Chickamauga Lock and that dream is a reality today.”

Rep. Wamp then brought to the podium Senate Majority Leader Bill Frist, R-Tenn., as the keynote speaker.

“This is a problem that has a direct impact on jobs, on job creation in east Tennessee, and the region. Sixteen different states have industries that use materials shipped through this lock behind me every day.

What we are about to witness

today indeed captures the vitality, the genius of what government can do working with the very best as we pay tribute to the Corps of Engineers, to our military, to our private sector, the public sector — all coming together on this birth date. Seven years from now when we gather right here, which we will do, then 5, 6, 9 barges can go through each time, and not just one barge.”

The senator, who is a surgeon, likened the day’s activities to a coronary artery bypass grafting operation.

“When you do a coronary artery bypass operation, you identify the problem, which has been done, then you take the patient to the operating room and you prep him and drape him and then you are ready for the incision. Today we are going to make that incision and once you have made that incision, then you take it all the way through to completion. We want to have a patient that will do well and produce jobs and capture the vitality of this region.” He then announced, “The patient is prepped and draped, let’s make the incision and let’s get to work!”



Sen. Bill Frist

# Engineer Day 2005 Draws Big Crowd

photos by Bill Peoples, Steve Foshee, and Dave Treadway



John Lambrecht (above left) and Don Spann unveil a plaque that honors their many years of service.

People





# Dale Hollow Rodeo Features Fish (and Lots of Kids!)

Story by Dave Treadway, photos by Phillip Earhart

Rodeos usually showcase cows and horses. The Corps is different and prefers to 'do it with fish.'

Dale Hollow Resource Management employees worked closely with Andy Curry, U.S. Fish and Wildlife Service, and Bill Moulton, Tennessee Wildlife Resources Agency, to host the 8<sup>th</sup> Annual Fishing Rodeo.

"The rodeo was really coordinated by the U.S. Fish and Wildlife Service and the Tennessee Wildlife Resources Agency," said Park Ranger Phillip Earhart. "We provided assistance with some of the logistics and supplies and I was there to help kids land fish, get untangled, etc. Clay County TWRA Wildlife Officer Bill Moulton, Fish Hatchery Manager Andy Curry, Assistant Manager Terry Campbell, and Wildlife Officer Angela Roach really deserve the credit for a super event. Their efforts helped us set attendance and participation records for the 8<sup>th</sup> annual event."

Officials estimated attendance at approximately 400 children and adults. Roach worked closely with area businesses who agreed to donate prizes that included fishing tackle of all types, electronic games, baseballs, baseball bats and many other prizes. Businesses from



Young and old alike line the bank below the Dale Hollow National Fish Hatchery June 11.

## People

as far away as Nashville contributed to the hundreds of giveaways and food items provided to the children.

"They had so much stuff donated," said Earhart, "that most kids got more than one item to take home."

The Dale Hollow staff assembled 'goodie bags' for each child that included water safety reminders and items from each participating agency.

The Fish Hatchery staff guaranteed the children would see some 'action'. They released more than 2000 small fish and four large fish for the kids to catch.

They did so in three separate stockings so that the children could catch them in waves.

"It was pretty amazing," said a smiling Earhart, "to watch them release all those fish and see the kids' faces when they turned them loose. It was fishing in the truest form! Some kids were catching them one after another. Others tried all day to

catch one or two while fishing with the same baits. Other kids spent much of the day catching other fisherman's lines. But, everyone had a really good time." 🐟



Although she took credit for pulling it in, this young lady is a little timid about getting up close and personal with her fish.



One young lady proudly displays a large rainbow trout in front of the sign that names all the sponsors, partners and volunteers who helped make the 2005 rodeo a great success.

# The Corps Crowd

## Congratulations to ...

...Center Hill Lake for being named the "Best Lake" and "Third Best Fishing Spot" in Tennessee in the 2005 Readers Choice Awards published in the June issue of *Tennessee Magazine*, a product mailed to electric cooperative customers.

...J. Percy Priest Lake for placing third in "Lake" category and second in "Fishing Spot" category in the same magazine.

...Ashley Brooke Gibson, daughter of

Paula and Mark Gibson (Civil Engineering Technician at Kentucky Lock) graduated May 21 at Carterville High School in Carterville, Ill. Ashley is attending Southern Illinois University.

...Kimberly Ashley, daughter of Pat (Contractor at KYL) and Bobby Ashley graduated May 14 at Murray



**Ashley Gibson**



**Kim Ashley**

State University with a bachelor of science degree in business management. Kim will continue her studies at Murray State in the fall to obtain a master's degree in management.

...Zina Ledford, administrative assistant at the Nashville Operations

Area Office, who left the Nashville District June 16 for cooler climates after 20 years service. She and her husband now live in Maine.

...Ronnie Keith, environmental protection specialist at Wolf Creek Resource Office, who retired June 30 after more than 33 years service to the Corps of Engineers.

## Welcome to...

...Michelle Young, electrician who transferred from Wolf Creek Power Plant to Barkley Power Plant; Brian Jones, a new trainee mechanic for Barkley Power Plant; and Chris Meeks, a new trainee electrician for Barkley Power Plant, both of whom transferred from Old Hickory.



**Jones**

**Young**

**Meeks**

## Sympathy to...

...Zina Ledford, administrative assistant at the Nashville Operations Area Office, whose father, Riley Cummings, passed away Friday, June 17.

...Dan Dowlen, lock operator, Cheatham Lock, whose mother, Judy Walker, passed away in late June.

...Larry Neal, retired lock operator from Watts Bar Lock on the untimely passing of his wife Faye on June 2.

...Russell L. Seay, retired lock & dam mechanic from Fort Loudoun Lock on the untimely passing of his daughter Tracy on June 22.

...Janis Clark, whose brother, Jimmy D. Strickland, passed away July 7 after a long struggle battling cancer.

...the family of Johnnie D. Tidwell, a retired maintenance foreman at J. Percy Priest Resource Office, who passed away July 7. Tidwell retired from J. Percy Priest almost two decades ago after more than 40 years of service.

...the family of Terry Burlew, civil engineering technician at Lake Barkley. Terry died July 9 at his home in Benton.

## Baby Brigade...

...Lisa and Tim Wooten on the birth of their first child, Lauren Shea Wooten. She was born May 13 and weighed 7 pounds, 3 ounces. Lisa is the daughter of Ronnie Keith, environmental protection specialist at Lake Cumberland.

...Jennifer and Terry Martin, Mid-Cumberland Area park ranger, on the birth

of their first child, Madison Elizabeth. She was born on June 6 at 9:34 p.m. She weighed 7 pounds and 1 ounce and measured 19 inches long.

...Zan Blackburn, office assistant, J. Percy Priest Lake, on the



**Madison**



**Hayden**

birth of her newest granddaughter, Hayden Nicole Duff, who was born on June 15 and weighed in at 6 pounds, 4 ounces to daughter and son-in-law

Jennifer and Jason Duff.

## Upcoming Events

October 12, 10 a.m., Room A-640 - Hispanic Heritage Month Program

## Magazine Readers Like the U.S. Army Corps of Engineers

The readers of *Workforce Diversity for Engineering & IT Professionals* magazine selected the top companies in the country for which they would most prefer to work, and for which they believe provide a positive working environment.

The U.S. Army Corps of Engineers made the list of Top 20 Government Agencies. The Corps placed 11th. A Corps partner in Navigation, the U. S. Coast Guard, was ranked 7th, while environmental partner EPA was ranked 12th by readers. NASA topped the list.

In the private sector, Lockheed Martin ranked at the top of the list, while Dell Inc., with offices in middle Tennessee, placed 6th.

# Boating and Water Safety Should Go Together

by Dave Treadway, USACE National Water Safety Team

**D**rowning is the nation's second leading cause of accidental death. Approximately 700 recreational boaters die each year due to boating mishaps (144 in 2004 at Corps Lakes). Ninety-six percent of those who drown at Corps lakes may have survived if they had been wearing a life jacket.

The Corps of Engineers is the nation's leading provider of water-based recreation. Approximately 360 million people visit the lakes and riverways we manage each year. We want all our visitors to have a safe and enjoyable time. Knowing some of the facts about drowning may help save your life or the life of someone you love.

These are the facts; the majority of people (89%) who drown are men 18-35 years old. Two-thirds of those who drown are poor or non-swimmers. 80% of those in boating-related deaths have never taken a boating safety course.

Sixty percent of the time drownings are either witnessed or people are in the area who could have either reached or thrown something to the victim to save their life.

Most people who drown never intended to enter the water and they drown within 10-30 feet of safety. Falls overboard and boats capsizing are the main reasons for boating fatalities.

Even good swimmers may drown if the water is cold or they have compromised their swimming skills with alcohol or drugs. Falling overboard into cold water can be a shocking experience

and often someone's last gasp for air may be a mouthful of water.

Parents need to watch their children around water. Don't depend on inflatable toys. Everyone should wear a Coast Guard-approved, properly-fitting life jacket.

**TIPS:** Learn to swim well and take a boating safety course. Often states have their own courses and the US Coast Guard Auxiliary and US Power Squadron offer courses. Many insurance companies offer reduced rates to boaters who have taken a safe boating course. You can find on-line courses at [safeboating.org](http://safeboating.org). For Coast Guard or Power Squadron class information, contact Boat US at 1-800-336-2628 or contact any Corps of Engineers office in your area.

Swim and boat with a buddy and always keep your life jacket on. You never know when an accident might happen. It only takes a child 20 seconds to drown and an adult about 60 seconds.

Everyone should know the four signs of identifying a person who is drowning. They are head back, mouth

open, arms slapping the water in an up and down motion, and no sound.

A buddy may be able to use something to reach or throw to help you. You'll find reach poles and ring buoys at our beach areas, but many things that are near you while you're recreating may float. Try reaching with a beach towel or fishing pole or try throwing anything that will float i.e. coolers, plastic bottles, and paddles.

**NOTE:** You must be careful not to attempt a swimming rescue yourself unless you are a trained lifeguard. Too many times double-drownings occur when people underestimate the power of someone trying to survive by keeping their head above water.

In summary, when recreating in or on the water, play it safe, take a boating safety course, learn to swim well, swim & boat with a buddy, know how to identify a drowning victim, and the things you can do to rescue them.

The most important thing to remember is to wear a life jacket. Of course, it's your choice, but what would you rather be found wearing...a life jacket or a body bag? 🐻



photo by Mike Watkins, Kansas City District

**Fun on the water just goes with summer. What doesn't need to accompany that fun is tragedy. Always wear the proper life jacket when in or near the water this summer.**



U.S. Army Corps of Engineers  
Nashville District  
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CHANGE SERVICE REQUESTED

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## *Just To Be On The Safe Side . . .Carbon Monoxide*

by John Tibbels

**E**ach year boaters are injured or killed by carbon monoxide. Most poisonings occur on older boats and within the cabin or other enclosed areas.

Carbon monoxide is a potentially deadly gas produced any time a carbon-based fuel burns, such as gasoline, propane, charcoal or oil. Sources on your boat include gasoline engines and generators, and cooking ranges.

Carbon monoxide is colorless, odorless and tasteless and mixes evenly with the air. It enters your bloodstream through your lungs and displaces the oxygen your body needs. Early symptoms of carbon monoxide poisoning include irritated eyes, headache, nausea, weakness and dizziness. Prolonged exposure can cause death.

### **What To Do:**

Conduct regular engine and exhaust system maintenance inspections.

Be aware that dangerous concentrations of carbon monoxide can accumulate while the craft is in the process of being docked.

Keep forward-facing hatches open, even in inclement weather, to allow fresh air to circulate.

Do not confuse carbon monoxide poisoning with seasickness or intoxication.

Do not let people swim in areas near an engine or generator exhaust.



Install a carbon monoxide detector in each accommodation space in your boat. 



photo by Cheryl Wallace

**Officers of the Music City Chapter, American Society of Military Comptrollers, present Lila S. Hejazi, (center) daughter of Linda Ingram, Engineering Division, Environmental Restoration Branch, with a scholarship June 14. Hejazi is attending UT, Knoxville, as a double finance/spanish major. Two scholarships are awarded each year to federal employees or dependents of federal employees in the middle Tennessee area who demonstrate exceptional academic achievement and whose majors are in the financial management field. **