

# Lone Star plant rides off into deactivation sunset



U.S. Army photo by Larry Terral

**Flag Casing** Col. Arnold P. Montgomery, McAlester Army Ammunition Plant commander, and Maggie Ashlin, Lone Star Army Ammunition Plant commander's representative, assisted by Command Sgt. Maj. David Puig, Joint Munitions Command, roll the colors to prepare them for casing, symbolizing the deactivation of Lone Star AAP during a ceremony held Sept. 30.

## Joint Munitions Command News Release

LONE STAR ARMY AMMUNITION PLANT, Texas - The Lone Star Army Ammunition Plant, officially deactivated Sept. 30 completing its mission of providing ammunition to Soldiers and warfighters for almost 70 years.

"The ammunition items produced throughout the history of Lone Star AAP

have been a critical factor in our nation's success on the battlefield," said Col. Arnold P. Montgomery, commander of McAlester Army Ammunition Plant, McAlester, Okla.

Established in 1942, Lone Star AAP was one of 84 Army ammunition plants constructed during World War II, and at the height of its employment the plant had more than 12,000 contractor, military and government personnel. During the Korean War, it produced more than 495,000 105 mm howitzer rounds in one month.

Recognized in the ammunition community for its melt pour operation for artillery shells and hand grenades, press loading operations for submunition grenades, detonators, booster pellets, primers and tracers, Lone Star AAP ceased production in September.

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# ARMY NEWS

## Army Chief of Staff views Lake City's modernization



U.S. Army photo by D. Myles Cullen

**Tour** Chief of Staff of the Army Gen. George W. Casey Jr. observes small caliber ammunition inspection during his tour of the Lake City Army Ammunition Plant in Independence, Mo., on Nov. 4.

By Rebecca Montgomery  
JMC Public Affairs

LAKE CITY ARMY AMMUNITION PLANT, Mo. -- The men and women who work in the Army's manufacturing plants and depots are dedicated Americans who contribute to warfighters' success, Army Chief of Staff Gen. George W. Casey Jr. said during a press conference at the plant on Nov. 4.

"The resiliency of the American Soldier doesn't happen by accident. The support of the American worker for their armed forces plays a huge role," he said.

Casey toured Lake City Army Ammunition Plant's 7.62mm, 5.56mm and .50 caliber manufacturing areas to see how the Army is modernizing and expanding capacity.

"Lake City Army Ammunition Plant is a critical manu-

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## Lone Star *continued from page 1*

"The M67 fragmentation hand grenade, family of scatterable mines, the 155 mm improved conventional munitions artillery round, 81 mm explosive mortar rounds and 105 mm high explosive artillery round produced at Lone Star AAP are still in the hands of Soldiers today," Montgomery said.

Day & Zimmerman became the caretaker contractor and will continue ammunition operations. It will provide security, safety, and maintenance at the plant.

The Army plans to transfer ownership of the property in three parcels -- one to the Red River Redevelopment Authority, one to Day & Zimmermann and one to be retained by the Government for environmental cleanup, property disposal and subsequent transfer.

The deactivation of Lone Star AAP is the third JMC facility closed as a result of 2005 Base Realignment and Closure actions. Kansas AAP, Parsons, Kan., and Missis-

sippi AAP, Stennis Space Center, Miss., closed earlier this year.

The plant was reassigned to the Army Installation Management Command's Fort Hood effective Oct. 1. LSAAP's government personnel are retiring or registered in DoD's Priority Placement Program.

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# Fighting for them

**By Mark Hughes**  
**McAlester AAP Public Affairs**

Afghanistan Combat Veteran Spec. Corye Black: "I'm in the Army to change the world for the better."

The war in Afghanistan may be a half-a-world away for most Americans, but not for one mom, Dene Black, who has two sons in the Army, one of them on his second combat tour this time in Afghanistan. Ironically, Black, who is an information technology specialist, works at the government facility that makes the bombs used against the Taliban in Afghanistan--McAlester Army Ammunition Plant.

Corye Black, Dene's youngest son, recently home in McAlester for some R&R, stopped by to thank plant employees for their life-saving work. He is assigned to the 3rd Squadron, 61st Cavalry Regiment from Fort Carson, Colo. and has spent just over four years in the Army, of which 20 months have been in combat conditions.

Dene's oldest son, Codye, is a staff sergeant in the Army with two tours in Iraq under his belt and is currently at a military school preparing to become a drill sergeant.

Joining the Army in July 2005, Corye's first combat tour was in Baghdad from October 2006 to January 2008. Fourteen months later in May 2009, Corye and his unit were in Afghanistan and how long they'll be there is anyone's guess. In the first two-and-a-half months in Afghanistan Corye lost 25 pounds.

Along with his team, Corye conducts dismounted reconnaissance with the mission to figure out what weapons the Taliban have and then destroys them. "And if we don't have the firepower, then we call in something that does," he said.

He has a special appreciation for the ammunition plant and the products made here. In one incident, the Taliban had discovered where Corye's scout team was and began dropping mortars on them. Corye was literally left in the dust of a mortar round and couldn't hear a thing as a result of the explosion.

"The only thing that saved me was the fact that I was on the other side of a rock face, opposite of where the mortar landed, about 30 feet away," he recalled.

With ears ringing, Corye and his unit conducted "ass surfing" where they literally slid down the steepest part of the mountain praying that they wouldn't hit anything too big on the way down. Once they hit the trail, they ran six kilometers to their base.

While on the trail, their unit's forward observer called



**Duty** Spec. Corye Black is photographed while overlooking the Afghanistan mountainside. (Contributed photo)

in air support which dropped two 500-pound bombs that silenced the enemy immediately, he said. Those bombs were produced at McAlester.

"Since I've been in Afghanistan, we've called in and dropped probably 25 500-pounders and each time it ends the fire fight like that (snaps fingers). To hear that plane come over and then the bombs being dropped, the explosion and then you don't hear a thing (from the enemy) is proof positive of the quality work produced at the plant," he said.

"We definitely appreciate what you guys are doing here. Without those bombs we couldn't do our mission fully. I definitely want to thank everyone at the plant for their great work," he said.

The Taliban usually attacks his unit at least twice a day "using small arms and mortars, RPG's (rocket propelled grenades) . . . anything they can bring with them," he said. "This is definitely a cat and mouse game. Sometimes we're the mouse, sometimes we're the cat. You just got to be smarter than the other guy."

The wars in Iraq and Afghanistan are different, Corye explained. "In Iraq you're probably driving a vehicle waiting for an IED (improvised explosive device) to explode. In Afghanistan it could be a mortar, an RPG or anything . . . you hear the bush move and you react," he said.

Corye and his fellow Soldiers constantly clean their weapons to include magazines and even the bullets. "We're cleaning them before a mission, after a mission and even during a mission. We're checking to make sure everything

# Crane Army offers practical training to deploying reservists



U.S. Army photo submitted by Crane Army Ammunition Activity

**Training** Army reservists Staff Sgt. John Miller (left) and Spec. Adrian Tatum (right) band a pallet of ammunition while a Crane Army Ammunition Activity civilian supervises their work.

## By Tom Peske Crane AAA Public Affairs

CRANE, Ind. – A great deal of preparation and training goes into getting a unit prepared for a deployment overseas to Iraq and Afghanistan. While all of the training is valuable for saving lives, it does not always relate directly to the job Soldiers might be performing while there. That is why the recent training the Soldiers of the Army Reserve 453rd Transportation Company from Houston received here has been an exciting addition to their preparation.

“Here on Crane, we are able to get a different sort of training that is tailored more specifically to our deployed mission whereas most units only get the convoy live-fire training, the ranges and all the more Soldier-specific tasks,” unit commander Capt. Nick Catechis explained. “We are getting more Military Occupation Specialties

specific tasks like forklift operations, experience handling and packaging ammunition of all different sorts, and processing documents. It is kind of nice because we get to see from this end everything that goes into it so that when we see it overseas it completes the circle. We get to see the entire process.”

The 453rd is the latest of Army, Navy and Marine Corps reservists taking advantage of Crane’s unique ability to provide ammunition and cargo handling experience to deploying service members. The 453rd brought 82 of its 96 deploying reservists to Crane who performed jobs like truck drivers, document handlers, forklift operators and mechanics.

“The Soldiers love (the training),” Catechis said. “They like to do all the Soldiers things - all the things we have to do like shooting the weapons and going to the ranges. But when it

comes down to it, this is what they like to do. A lot of them have similar jobs on the civilian side. A lot of our mechanics are mechanics on the civilian side. A lot of our welders are welders on the civilian side. It is great for them to transfer that experience and do what they love to do.”

“I wouldn’t even classify this as training as I would working hands on,” he said. “Because of the workload they have here, there wasn’t a lot of time to sit back and get used to the job. So it has been great experience just as it will be over there. Soldiers show up in the morning and go out to their workplaces and are engaged throughout the day.”

Sgt. 1st Class Reynaldo Milliam-Velazquez, the unit’s first sergeant, said the training has been enjoyable because the Soldiers know what they are doing and went straight to work when they got here.

“The training at Crane has been great. The Soldiers have learned how to operate the forklift, the packaging of materials as well as building the blocking and bracing materials. They have been working with ammo. The sort of stuff that we are going to be doing over there. So basically we are getting realistic training based on what we are going to be doing over there,” Milliam-Velazquez said. “The Soldiers are very positive and motivated because they like what they do.”

Another aspect many of the Soldiers like is working with the knowledgeable civilians at Crane. Milliam-Velazquez said, “The civilians have been very flexible. They have been coaching and teaching these young Soldiers on how to do the job. The civilians have been here a long time and they have a lot of experience, so they are projecting that experience and teaching our young Soldiers and teaching them how to do it.”

Catechis said Crane Army’s Reserve Liaison Lance Daters has been a key person in making the training go smoothly and ensuring the Soldiers had

“Training” continued on page 13



# Milan improves C-4 extrusion line

**Process** An overall view of various new equipment on the C-4 explosive extrusion line at the Milan Army Ammunition Plant, Tenn.

**By Darryl Howlett**  
**JMC Public Affairs**

MILAN, Tenn. -- Recent improvements to a Milan Army Ammunition Plant production line will keep an important commodity available to the Department of Defense.

The C-4 explosive extrusion line received \$1.7 million from Congress to remodel its aging production line. Most of the assembly processes were outdated manual operations with some bottlenecks that limited production capacity.

"The improvements were funded by Congress in the 2007 appropriation bill," said Stanley Preuett, Milan AAP project engineer for the C-4 line. "The funding was a line item in the defense budget."

The project was completed in late September after a nine month construction period and equipment installation period, with no impact to current production order schedules.

Milan extrudes C-4 plastic explosives into M112 demolition charges and for Mine-Clearing Line Charges.

"The improvements created more production space and brought in three major pieces of equipment," said Dave Duncan, a quality assurance specialist for the U.S. Army. "The new building layout added 200 square feet of production space, and the line includes a new tape machine, infrared oven, and ink-jet printers which do not require dedicated operators."

The new tape machine automatically cuts and puts tape on the C-4 charges. Duncan said that before the improvements, the tape machine could only process 18 charges a minute, creating a bottleneck in the process flow. The new dual-lane tape machine can automatically process 30 charges a minute.

Another improvement, according to Duncan, dealt with

the process for shrinking the mylar bag around the explosive charge.

"The old process involved running the bagged charges through a hot water tank and then each charge was hand dried by an operator," he said. "A new infrared oven has replaced the hot water tank so the charges aren't exposed to water or extra handling. This change also reduces labor costs, energy use, and material costs of towels; as well as eliminating contaminated water that had to be treated."

In addition, two ink jet printers replace one pad printer to apply nomenclature and lot markings on the charges. Together the ink jet printers will process 30 charges a minute.

The project also improved work conditions for the operators. Due to C-4 taggant vapors, personnel working in area where exposed C-4 is present have to wear respirators if the exposure concentration is too high. Building modifications plus a new and improved ventilation system have reduced the number of personnel that will be required to wear respirators by six operators, with pending air test procedures and results expected to further reduce the respirator requirements. Ergonomic improvements were made by installing new lifting devices and conveyors that reduced operator bending, reaching, and heavy lifting.

Milan Commander Lt. Col. Maria Eoff applauds the changes on the C-4 production line.

"The improvements on the C4 Extrusion process installed in Milan have so far proved successful," she said. "This process is invaluable in the production of our M112 (MCLIC)."

The plant is currently testing the new equipment for quality checks before launching into full processing.

# Wounded Warriors hunt at Radford

By Joy Case

Radford Public Affairs

RADFORD, Va. -- Cammo, boots, and bows: it's all ready to go. You're ready to make your way out where you know they should be. You're a veteran, but it isn't a military operation, it's a deer hunt.

Radford Army Ammunition Plant hosted its first Wounded Warrior deer hunt on the crisp fall morning of Oct. 8, 2009.

Four veterans, in the Wounded Warrior Program from Walter Reed Medical Center, came to participate.

The Soldiers were injured in Afghanistan and Iraq.

Staff Sgt. Patrick McKone, Staff Sgt. Peter Petrin, Spc. Keith Maul and Pfc. Chris Smith assembled their gear and equipment for the hunt in the darkness of the pre-dawn hours. The act of hunting represents a call to nature, bonding with friends, a quiet reflection and a passion like no other.

The Army Wounded Warrior Program is the official U.S. Army program that assists and advocates for severely wounded, injured, and ill Soldiers, veterans, and their families where ever they are located, for as long as it takes. This is all a part of enhancing the Army's mission by caring for its people.

## Former LCMC commander nominated for third star

From Staff Reports

Brig. Gen. William N. Phillips, former Joint Munitions and Lethality Life Cycle Management Command commander, has been nominated for appointment to the rank of lieutenant general and assignment as military deputy/director, Army Acquisition



U.S. Army photo by Joy Case

**Hunting** Len Diloia, Radford Army Ammunition Plant's natural resources director; Pfc. Chris Smith, Wounded Warrior participant; Spec. Keith Maul, Wounded Warrior participant; Lt. Col. Andy Munera, Radford AAP commander; Ross Colquhoun, Walter Reed Medical Center Morale, Welfare, and Recreation Coordinator; Sgt. Maj. Anderson, Virginia Tech University ROTC; Staff Sgt. Peter Petrin, Wounded Warrior participant; and Staff Sgt. Patrick McKone, Wounded Warrior participant.

Several organizations, including the Virginia Department of Game and Inland Fisheries, National Wild Turkey Federation – Floyd Long Beard Chapter and Radford's government staff volunteered their time to assist the Wounded Warrior Foundation in putting together a day of hunting.

"Veterans have sacrificed so much for our county, offering hunting is one small way we can thank them for their service and help them regain their con-

fidence and physical well being." said Lt. Col. Munera, commander, Radford Army Ammunition Plant. "I think the ultimate goal of an outing such as this is getting the Soldier back into functional society where they want to be."

"They will be the first to tell you that regardless of what medication they are given, the best medicine is going out and spending time in the woods and participating in a sport they love."



Corps, Office of the Assistant Secretary of the Army (Acquisition, Logistics and Technology), Washington, D.C.

Phillips, who was LCMC commanding general from June 2007 to January 2009, is currently serving as commander Joint Contracting Command, Multi-National Forces-Iraq, Operation Iraqi Freedom, Iraq.



# Iowa remembers

U.S. Army photo by Leon Baxter

**Memorial** The Iowa Army Ammunition Plant held a small ceremony Oct. 29 dedicating the addition to the Eagle Park Memorial. The memorial honors those who lost their lives at the Iowa Army Ammunition Plant from 1941 to the present. The addition includes a granite wall with the names of 66 individuals as a tribute to their memory. The public can visit the memorial at any time by entering through the Iowa AAP main gate during normal business hours.

## DAC provides important HAZMAT information

**By Defense Ammunition Center  
Public Affairs Office**

MCALESTER, Okla. -- A common source of indispensable information is now available for hazardous material (HAZMAT) transportation professionals.

The Defense Ammunition Center launched its HAZMAT Transportation Community of Practice, which can be accessed through Army Knowledge Online to the Battle Command Knowledge System portal. The CoP connects the HAZMAT transportation community and provides a forum in which to share expert knowledge.

DAC is the Department of Defense's focal point for ammunition knowledge and logistical support. It is responsible for training professionals in safety, logistics engineering, transportability, demilitarization, and disposal for explosives and other hazardous material. In 2005, DAC enhanced its mission by implementing knowledge management as its way of doing business. The goal was to provide a practical way to easily find critical, relevant knowledge and get it into the hands of the workers who need it most. The

HAZMAT Transportation CoP brings DAC even closer to achieving its mission.

The HAZMAT Transportation CoP is an interactive knowledge base in which transportation professionals can communicate and share their experience of distributing ammunition and hazardous material around the world. The CoP is an excellent resource for lessons learned, best practices, and links to HAZMAT regulations and policies as well as other relevant topics of interest. HAZMAT transportation community members can also ask the community at large HAZMAT-related questions and receive answers directly from experts in their field.

The transportation of hazardous material, especially ammunition and explosives, carries inherent risks and must be executed with the utmost attention and care. While the Department of Defense has an excellent record of safely distributing hazardous materials and ammunition, a common source for obtaining and sharing critical knowledge did not exist until now.

The CoP site has four major sections specific to the modes of transportation: commercial air, land, military

air, and sea vessel. It also has a section for frequently asked questions and links to other relevant websites. CoP members can initiate or participate in discussions within any topic or explore past discussions to find the information they need. A "popular tags" capability allows users to see the most often read discussions and searches.

According to Dr. Upton Shimp, DAC's associate director of operations and the associate director of training, "the CoP is a one-stop shop for HAZMAT information. It is an incredible resource for workers at every level of expertise."

Glenda Cummings, a recent graduate of DAC's Quality Assurance Specialist Intern Program, put the CoP in a special light. "Numerous policy and regulatory documents must be followed when transporting hazardous material and ammunition. The CoP provides those of us just coming into the field with a central location for accessing those resources," she said.

To become a community member, navigate straight to BCKS professional forums at <https://forums.bcks.army.mil>. Click on HAZMAT Transportation CoP. Click on Become a Member.



*Spotlight on*

# Lean Six Sigma

## Black Belt Project = Success for input process

**By Tad Holburn**  
**JMC Lean Six Sigma**

ROCK ISLAND ARSENAL, Ill. -- A team from the Joint Munitions Command headquarters recently completed a Black Belt Lean Six Sigma project designed to optimize Ammunition Transportation Procurement Process Input (PPI).

Transportation PPIs are used to ensure complete financial information is included within ammunition procurement contracts. Transportation funding that appears in the contract must be complete and accurate. Funding data must reflect the proper military service responsible for transportation changes.

The team assembled to carry out the project consisted of 20 members. It was made up of personnel from JMC's Transportation, Inventory Management, Production Management, and Resource Management directorates,

the Rock Island Contracting Center, and the Program Executive Office, located in Picatinny, N.J.

The project's goal was to reduce defects caused by missing or incorrect transportation funding in ammunition procurement contracts. The scope of the project addressed defects generated by both JMC and JM&L LCMC.

The project looked at more than 2,000 Contract Line Item Numbers for fiscal year 2008 and determined that the baseline cost of the process was \$167,568. Pareto Charts and a Cause and Effect analysis showed that the majority of defects were missing/incorrect Transportation Accounting Codes (TAC) and missing/incorrect document numbers.

One major contributor toward this improvement effort was a policy agree-

ment between JMC and RICC. The policy clearly identifies transportation funding requirements to all involved in the process. The project brought the cost of correcting the defects to the attention of all involved in the process and enabled a joint effort to improvement. Another significant contributor toward improvement was the addition of a TAC field in the initial funding document.

The project, when it was finished, was a great success due to an 85 percent reduction in process cost (original goal was 20 percent). Financial benefits as a result of this project resulted in a validated cost avoidance of \$142,259. Operational benefits resulted in a Sigma Quality Level increase for JMC from 2.45 to 3.7 and for JM&L LCMC from 3.15 to 3.35.

**Did you know?**

If you haven't had LSS training, it's not too late. Log on to TED and search "Lean Six Sigma".

# Lean Six Sigma improvements on munitions report

**By Scott Mizeur**  
**JMC Headquarters**

ROCK ISLAND ARSENAL, Ill. -- People from the Joint Munitions Command headquarters have recently completed a Green Belt Lean Six Sigma project designed to improve the accuracy of data in the Army Prepositioned Stocks 3 view and ratings reliability in the Munitions Readiness Report (MRR). The project also ensured data is consistent with the Army Sustainment Command reporting.

The goal of the project was to reduce the number of discrepancies between the JMC MRR and the ASC APS office reports by at least 20 percent. The plan was to get the JMC MRR team and the ASC APS office working together with the same requirements and asset information and to communicate changes and differences in a timely manner.

The project used brainstorming and Pareto analysis to establish and isolate the probable root causes for the discrepancies. We also changed the process so that we meet regularly during the year to confirm we are both using the same data sources and consistent methodology.

The team assembled to carry out the project consisted of eight employees from both ASC and JMC. It was made up of personnel from the JMC MRR team, ASC APS office, and the JMC Budget Resources office.

During the course of this project, the team initiated two Quick Win actions. The first involved the ASC APS office concurring that they will only use the Department of the Army's Operations office approved stockage objectives for the APS 3 requirements. This will assure that ASC and JMC are using the same requirements. The second was an update to the JMC MRR methodology. This change to the methodology brought the MRR sub-grouping associations more in line with the ASC substitution list. These two actions resolved most of the discrepancy issues. The final change to the process was to have ASC and JMC representatives review the results of the vessel maintenance cycle for the shipping vessel *MV Carter* and work through resolving any remaining discrepancies.

The project was very successful because the percentage of discrepancies was reduced from 22 percent to less than three percent as confirmed by the project pilot. This far exceeded the projected goal of reducing the number of discrepancies by at least 20 percent. (A 20 percent improvement would have reduced the discrepancies percentage from 22 to 17 percent.) This improvement will result in improved customer satisfaction and enhance the reputation of the MRR to provide reliable information and accurate ratings.

## *Project helps protect National Security*

**By Rebecca Montgomery**  
**JMC Public Affairs**

ROCK ISLAND ARSENAL, Ill. -- The JMC's G-2 Force Protection office needs the best information available to make sure the right employees have access to classified information and avoid possible damage to national security. Its recent Lean Six Sigma Green Belt project is making that job easier.

Judy Orasky, security specialist in the G-2, led the project that improved the accuracy of the Personnel Security Management Network, the database that tracks employee information for each organization. The PSM-Net is part of the larger DoD-wide Joint Personnel Adjudication System or JPAS.

"The most important part of the project is knowing we have an accurate database," Orasky said.

Orasky and her team from the G-2, along with representatives from the G-1 Human Resources Management office, modified existing processes and eliminated several time-consuming steps, improving the accuracy of the database from 46 percent to 99 percent.

Before the project, G-2 personnel had to call the G-1 office to verify which employees were new and which ones had left the JMC. The team solved the problem by making sure G-1's Distribution and Allowance system automatically notifies the G-2 of an action.

"Now there are fewer back and forth phone calls because the information is in the system," said Orasky.

The project reduced costs by \$915 the first year and will save \$1,114 each year after that.

# Think before you tweet! Caution when using social websites

By Judy Orasky  
JMC OPSEC Team

Social Networking Sites: 1 When Arizona resident Israel Hyman twittered his vacation plans to 2,000 followers, the law enforcement community heaved a sigh of exasperation. By posting online that he had “another 10 hours of driving ahead” and later announcing that he had “made it to Kansas City,” Hyman gave burglars a perfect opportunity to steal property from his home.<sup>2</sup>

Critical information stored on social networking sites (SNSs) is exploited by malicious actors who use it to break into Internet accounts. Credit card numbers, dates of birth, bank accounts, social security numbers, photographs and letters are preserved on remote servers for years. Some of this data is publicly accessible and left largely unsecured.

In one case, a malicious actor exploited an email account’s “forgot your password” feature by answering the three security questions to gain access. While correct answers to some of the security questions were found on the victim’s SNS user profiles, others were furnished by the victims themselves. The malicious actor probed the victims online through socially engineered messages to elicit the appropriate responses.<sup>3</sup>

Once inside, the damage can be extensive. Since nearly one-third of Internet users enter the same password for all their Internet services, including online banking,<sup>4</sup> crimes such as identity theft, fraudulent elicitation of money and even those sexual in nature can be committed.

Soldiers, too, have become targets of collection efforts via SNSs. Swedish troops deployed in Afghanistan were contacted via Facebook in an attempt to obtain secret military information.<sup>5</sup> According to Israeli intelligence, Hizballah terrorists use Facebook to gather information on Israeli Defense Force soldiers and units.<sup>6</sup>

Bottom Line: To protect yourself, your family and JMC’s mission, always practice good OPSEC, even, and especially, when on Social Networking Sites. THINK BEFORE YOU TWEET!

Footnotes for Social Networking Sites:

1 “Social Networking Sites - The Double-Edged Sword”, LA Joint Drug Intel Group Bulletin, 8/09

2 twittertrafficstats.com, Vacation Tweets Led to Home Burglary – Twitter Users Beware, 7/21/09

3 “Sophos Facebook ID Probe Shows 41% of Users Happy to Reveal All to Potential Identity Thieves,” Sophos Security Company, 8/17/07

4 “Security at Risk as One Third of Surfers Admit They Use the Same Password for All Websites,” Sophos Security Company, 3/10/09

5 “Swedish Troops in Afghanistan Report Elicitation Attempts via Facebook”, CIA W.I.R.E., 4/21/09

6 “Israeli Intelligence Says Hizballah Uses Facebook to Gather Information”, CIA W.I.R.E., 9/8/08

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**CSA**

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facturer of small caliber ammunition. We are using 20 million rounds per year in Afghanistan," he said.

Between 80 and 90 percent of small caliber ammunition supplied to U.S. forces is produced at Lake City AAP.

Casey saw how modernization efforts have made the plant's processes and equipment better, safer and

cheaper. Throughout the plant a mix of equipment is used - - from state of the art machinery that had just been installed to equipment made in the 1940s.

The plant has increased its capacity from 400 million rounds annually to more than 1.4 billion rounds since the wars in Iraq and Afghanistan began, and the Army has invested more than

\$350 million to expand and modernize.

"I'm out here on my first trip to Lake City Army Ammunition Plant, and I'm hugely impressed with what I've seen here. Lake City is part of the Army Material Command, one of our largest commands, and as I travel around the country I try to get out and see the bits and pieces of this major command," Casey said.

## Tooele wins Energy Conservation Award

By Ely Trapp  
Tooele Army Depot Public Affairs

TOOELE, Utah -- The Lean Six Sigma team that saved Tooele Army Depot more than \$60,000 and nearly 100 million gallons of water per year is the proud recipient of not one but two prestigious awards in the small group water conservation category: the 31st Annual Secretary of the Army Energy and Water Management Award and the 2009 Federal Energy and Water Management Award.

Richard Anderson, Russell Smalling, Victor Hammond, Jon Hayden and Joshua Jones traveled to Washington D.C. and accepted the award Oct. 28.

“Using the Lean Six Sigma analytical process, these five members of Engineering and Facilities ganged up to solve serious problems in our (World War II) era water distribution system,” said Chris Tillman, garrison manager. “They developed processes to pinpoint and resolve unexplained losses of water and water pressure and then proceeded to correct the problems. As a result we are saving over eight million gallons of water a month and experiencing flow and pressure levels that will now support future mission modernization. Their accomplishments are outstanding and very worthy of the recognition and awards they have received.”

For a group of guys used to working behind the scenes, all the attention surrounding the awards is a bit humbling.

“We were surprised (about the awards) because Jay Weyland nominated us without our knowledge,” said Smalling and Anderson, both with the Engineering Branch of the Directorate of Base Operations. “We are very appreciative of Jay for doing this for us and are happy that it has brought great recognition to the depot.”

In October of 2007, water production at the depot increased unexpect-



U.S. Army photo by Ely Trapp

**Award** Victor Hammond demonstrates how the LD-12 Professional Plus Leak Detector is used to detect leaks in waterlines. Hammond, along with four other TEAD employees, recently won the 31st Annual Secretary of the Army Energy and Water Management Award and the 2009 Federal Energy and Water Management Award, both in the small group category.

edly by an additional five million gallons. “We couldn’t figure out what had caused the increase and therefore suspected broken water lines” said Jay Weyland, TEAD energy manager. “Several methods were used to search for the waterline breaks but they were ineffective.”

Detection methods included observation and isolation which involved looking for unusually green areas, wet ground or puddles and areas of melted snow; and closing off areas of the water system to see if usage changed. Active detection with the use of the LD-12 Professional Plus Leak Detector finally helped find the problem. The detection of the leaks was no easy task since Tooele Army Depot has 26 miles of main waterlines.

“The (LD-12) amplifies the sound that a water leak makes allowing

the operator to locate the water leak precisely,” Weyland said. “The team made a series of sound level measurements, and from those measurements they located and repaired several water leaks.”

There were 12 water leaks identified in total, with the last leak repaired in September 2008. More than 40 million gallons of water were saved in the first six months of fiscal 2009 when compared with the same time frame the previous year.

What started out as one Green Belt project, evolved into three which ultimately combined into what has become a great success story. Anderson was tasked with finding the water leaks and John Hayden was tasked with a water pressure Green Belt. All the findings from the water loss and the water pressure projects were combined into one document which became Russ Smalling’s Water Master Plan Green Belt.

“In (the Master Plan) individual responsibilities are laid out and assigned to ensure we maintain the correct standard of water pressure, water usage, maintenance and upgrades,” Smalling said. The Master Plan also boasts a newly updated water map depicting all 26 miles of waterlines on the depot along with other sectors of the water system including water hydrants.

“Conservation is part of our everyday lives, if you put it out in the work places as well people may pick up on it and want to join in,” Smalling said. “Being around Jay Weyland has taught me a lot about energy conservation. Now I always find myself shutting the light switch off whether at home or at work. We’ll blame Jay for that; it’s a good thing to be blamed for.”

Another contributor to the team’s success was LSS mentor, Gary Hoy, whose extensive expertise enabled the team to effectively accomplish their mission.

**Black** *continued from page 3*

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is working properly,” he said.

The weapon he uses the most is the M4/203 which is a combination of the 40 mm grenade launcher and the 5.56 mm rifle.

When a helicopter arrives at their post, they’ve got to clean their weapons and gear again. “Even after we’ve watered down the area to help prevent the sand from blowing, no matter what you do, when a helo comes in, sand blows and you clean,” he said.

Technology keeps the Taliban from attacking Corye and his unit at night. “Most of the Taliban attacks in Afghanistan are during the day. Probably because we own the night through our night observation devices and night optics capabilities,” he explained.

During “down time” Corye and his teammates talk a lot about sports. One team member is from Texas and there are a total of five “Okies,” including Corye, so there is friendly OU-Texas college football give and take.

Corye and his “Okie” team members talk about fishing, hunting and what they plan on doing when they get back to Oklahoma.

“You think or do anything to keep your mind off your next mission,” he said. “Even when you’re not on patrol you’re always reminded of being in a combat environment what with the sounds of combat always around you.”

The top three most missed items from home are: being able to watch a baseball game on TV, not being able to go outside their “hootch” to throw a football around because it’s too dangerous, and being able to relax on a couch. The outpost they’re staying in has had the same mattress for four years straight.

The “basic necessities” are just that—down right basic--no frills, no Wal-Marts, no convenience stores. This is where mom comes in.

“I make home-made beef jerky, home-made cookies, candy and I send him country lemonade in the plastic bottles,” Dene said. “She has

saved me so many times from horrible, horrible nicotine attacks,” Corye said of his mom’s care packages. Making care packages for her son helps ease her pain because she’s sending him something he’ll enjoy and share with his fellow Soldiers, he said.

Dene stays busy at home by working in the yard and helping her aging parents. “But no matter what you’re doing you think of them. I’ll sit down and cry for a while and then feel better. Of course, I always keep a prayer in my heart for my two sons and all the other men and women in the military,” she said.

Corye’s mom wears an ultra-small prayer box on a petite silver chain, which dangles from her neck. Along with the prayer box is a dog tag bearing the image of her two sons in military uniform.

But that isn’t the first dog tag she’s worn. Her first one was hung around her neck in 2005, the year Corye entered the Army, and she wore it until the chain rubbed a hole in the tag all the way through. On the tag is a silver silhouette of an American flag with “Support Our Armed Forces” under it. On the other side is a cross with a prayer that says, “Protect My Son, For This I Pray, Guide Him Safely Home One Day.”

Now she carries the dog tag in her wallet. Corye wears a similar dog tag but his bears a family portrait in color.

His unit is set up on a mountain side somewhere between seven and eight thousand feet high with some mountain peaks towering above them at 15,000 feet, in the most northern



**Thanks** Spec. Corye Black, left, describes a mortar attack that targeted his unit. His mother, Dene, an information technology specialist at McAlester Army Ammunition Plant looks on. (U.S. Army photo by Mark Hughes.)

part of Afghanistan. Despite living under intense pressure in a combat zone, Corye and his fellow Soldiers have been able to assist the local Afghans to improve their way of life.

“The local villagers wanted us to build them a school, first thing off,” Corye related, “and they wanted medical aid. So we went weekly to the village and provided medical services to everything from birth defects to treating tuberculosis and malaria.”

The school is almost complete where two Afghan teachers will instruct both boys and girls, although in separate rooms. And the local villagers apparently appreciate what the Army is doing to help keep them from being under the tyrannical rule of the Taliban.

The Taliban dammed the only large creek that provided Corye’s unit with drinking and shower water. His unit tried to destroy the dam but kept on getting attacked. The local villagers risked their lives for the Soldiers and took the dam apart, Corye said, because of the good relationship they had established with that village.

After Sept. 11, 2001, there was no question about what Corye was going to do and that was join the Army. “I joined the Army out of a sense of duty. Why not have someone serving in the Army who wants to be there?” he asked.

# Staying Safe during the holidays

The season of giving thanks is upon us and with it comes an opportunity to pause and reflect on the many blessings that have touched our lives this year. This time of year always reminds me how lucky we are to be part of an amazing Band of Brothers and Sisters that remains steadfast in the quest to protect each other and the United States of America.

For more than 234 years, this great Army's mission has been to fight and win our nation's wars and, during the past several years, our team has been fighting overseas contingency operations in places like Iraq and Afghanistan. I am tremendously thankful for these great men and women who continue to stand point to protect our nation and remain dedicated to preserving our way of life.

My gratitude for our Soldiers and the great work they do every day extends beyond traditional unit boundaries to encompass the Family members who make their Soldier's success

**Training** *continued from page 4*

everything they needed for success. He said, "The civilians have bent over backwards to get us what we need. Lance Daters has a lot of connections on post with different agencies. So if we need to get people more time on forklifts he can do that. If we need to get someone to do more with their



**Brig. Gen. William T. Wolf**  
Director of Army Safety

possible.

The men and women who keep the home fires burning while their Soldier is busy training and fighting hold a very special place in our Army Family and I am very thankful for their many contributions.

Because of your individual and collective efforts and skills, we have been successful where others before us have failed. Your skills in identifying and assessing hazards and defining and implementing controls to reduce risks have contributed greatly to this success, and I thank you for your dedication to our Army's safety.

Although it is appropriate to celebrate our successes, now is no time to let our guard down when it comes to safety. With the full effects of winter being felt across our installations, careful attention must be paid to prevent cold weather injuries. Caring for Soldiers and avoiding cold weather

MOS, he really has worked hard to tailor it to the individual Soldier."

This will be the third deployment to Afghanistan for the transportation company. Catechis said about half of his company has deployed before, so the training allows Soldiers with experience a chance to mentor newer

problems are both an individual and leadership responsibility. Leaders must train Soldiers to the standard in prevention, recognition and first aid for cold weather injuries and enforce those standards.

The extra time we take preparing our Soldiers for cold weather will reduce injuries and result in a huge payoff in increased unit readiness. For additional information and tools you can use to manage risk and decrease the chance of fall/winter incidents, accidents and injuries, visit: <https://safety.army.mil>, and look for the Army Safe Fall/Winter campaign logo at the bottom of the Web page.

We are a Band of Brothers and Sisters, both on and off the battlefield. And with the arrival of colder temperatures, it's "no time to chill" when it comes to safety.

Many of you will enjoy the comforts of home and joys of being with Family this holiday season. If you are traveling, I urge you to be extra cautious on our nation's highways, as POV accidents are still the No. 1 off-duty killer of our Soldiers. Be extra vigilant in identifying, assessing and controlling hazards by using the online TRiPS planning tool. Remember, a moment's lapse in awareness can easily result in tragedy.

As we bow our heads and give thanks during November's Veterans Day and Thanksgiving celebrations, know that a grateful nation acknowledges the many sacrifices made by you and your Family members this year.

To all of you who put your lives on the line every day to defend this great country, know that we, as a nation, are truly grateful for your service.

unit members and for everyone to pick up new skills.

Spec. Jack Flores added, "Over in Afghanistan, in order to bring our stuff back we have to block and brace our own material and we didn't know how, so now we are going to know how."