



### CMA PROGRESS AT A GLANCE

#### as of February 20, 2011:

**Anniston Chemical Activity, Ala.:** Anniston Chemical Agent Disposal Facility (ANCDF) was inducted into the State of Alabama Engineering Hall of Fame (see article in this issue). ANCDF began one of the final disposal campaigns by processing about half of the 155mm mustard-filled projectiles in the Anniston inventory. When added to the previous campaigns, ANCDF employees have safely demilitarized more than 627,000 rockets, projectiles, land mines and mortars containing 2,045 tons of nerve or mustard agent. In support of those operations, Anniston Chemical Activity employees have delivered more than 627,000 munitions to the ANCDF and emptied 129 storage igloos on the Anniston Army Depot.

**Blue Grass Chemical Activity, Ky.:** Blue Grass Chemical Activity (BGCA) continues the safe storage of 523 tons of chemical weapons. BGCA is storing the remaining U.S. inventory of M55 rockets that contain nerve agents GB and VX. BGCA is also storing projectiles with mustard agent H and nerve agents GB and VX. BGCA will continue to provide maximum protection to the community until demilitarization is complete.

**Deseret Chemical Depot, Utah:** Tooele Chemical Agent Disposal Facility (TOCDF) has safely destroyed 5,979 mustard agent-filled ton containers, leaving less than 500 to be destroyed. Not only is the mustard agent destruction campaign the largest munition campaign for the TOCDF, but it is also the single largest chemical agent destruction campaign that the Army will undertake to eliminate aging stockpiles in order to meet the Nation's commitment under the global Chemical Weapons Convention. In addition, workers have also destroyed 54,453 mustard agent-filled 155mm projectiles and 63,274 mustard agent-filled 4.2 inch mortars. Overall, TOCDF has processed more than 94 percent of the Deseret Chemical Depot's mustard agent stockpile and approximately 97 percent of the original agent tonnage.

**Pine Bluff Chemical Activity, Ark.:** Pine Bluff Chemical Agent Disposal Facility (PBCDF) continues with closure operations. The Closure Integrated Baseline Review is scheduled this month. The facility is also hosting a ceremony to commemorate the completion of chemical weapons disposal operations. The Pine Bluff Chemical Weapons Stockpile Elimination Ceremony will be held March 10 in downtown Pine Bluff (a Special Edition CMA News: P.B. Elimination Ceremony will be released mid-March).

**Pueblo Chemical Depot, Colo.:** Pueblo Chemical Depot (PCD) stores mustard-filled munitions: 105 mm projectiles and cartridges, 155 mm projectiles and 4.2-inch mortar cartridges. Current operations include leaker isolation operations and the installation of filters on all storage igloo doors and stacks within the Chemical Limited Area (CLA). On Sep. 21, 2010, readings of mustard agent were detected during weekly monitoring operations in the CLA of PCD and operations began to search for leaking munitions. After nearly five months of systematically isolating stored munitions, five individual 105 mm projectiles were found with crusted, dried mustard agent and placed in sealed, overpack containers for continued storage.

**Umatilla Chemical Depot, Ore.:** Umatilla Chemical Agent Disposal Facility (UMCDF) passed the halfway mark on its thirteenth and final munition campaign when it processed its 1,318th ton container. On Feb. 17, the UMCDF paused operations to begin annual maintenance on its Metal Parts Furnace, which is scheduled to last fourteen days. The Rinsate Collection System is expected to begin operating in April. UMCDF also achieved the safety milestone of 8 million hours worked without a lost work day on Feb. 22, a first for the Umatilla team.



Col. Mark B. Pomeroy, Commander, Deseret Chemical Depot (DCD) (left) along with Ted Ryba, Site Project Manager, Tooele Chemical Agent Disposal Facility (right), explain proposed future operations to Gen. Ann E. Dunwoody, Commanding General, U.S. Army Materiel Command (center) during a recent visit to DCD.

### General Dunwoody Visits Umatilla and Deseret Chemical Depots

Gen. Ann Dunwoody, Commanding General, U.S. Army Materiel Command, visited the Umatilla Chemical Depot (UMCD) on Feb. 8, and Deseret Chemical Depot (DCD) the next day. Her trip to UMCD included a tour of the Chemical Limited Area and the Umatilla Chemical Agent Disposal Facility (UMCDF). While at DCD, Gen. Dunwoody toured the Area 10 Liquid Incinerator (ATLIC) buildings where construction and equipment installation are nearing completion in preparation for the destruction of stockpiled GA nerve agent and Lewisite blister agent.

Upon her arrival at UMCD, Gen. Dunwoody received an aerial tour of the depot, and then met with depot officials involved in safety, environmental compliance, transition planning and Base Realignment and Closure (BRAC).

The first four-star female general in the Army received a close-up view of HD mustard ton containers stored in an igloo at the depot along with meeting workers involved in transporting the munitions to the incineration facility. She later visited the unpack area of UMCDF and saw how the ton containers are readied for disposal.

Her arrival at UMCD came three days after the depot reached the halfway point in the HD mustard disposal campaign. General Dunwoody was accompanied on her visit by Major General Raymond Rees, Oregon State Adjutant General.

"She appreciated the up-close look at chemical operations and the opportunity to visit with UMCD Army civilian and contract employees," said Lt. Col. Kris Perkins, depot commander.

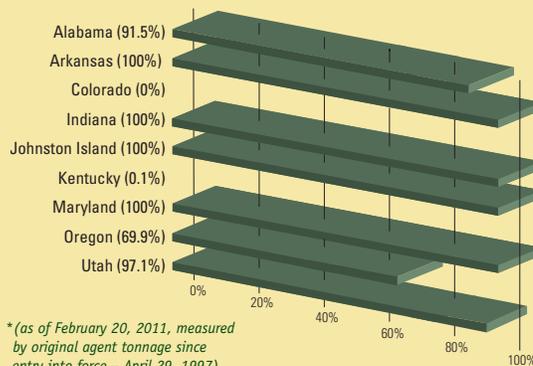
"The visit gave her a greater understanding of the challenges and efforts being made to safely and compliantly eliminate this nation's chemicalweapons stockpile."

Gen. Dunwoody commented that her visit to DCD was to show appreciation for the ATLIC work force. She said, "I wanted to thank the work force and see the facility. We don't always get out enough to thank those who are doing the heavy lifting for our Army and our nation and to say thanks for the very, very important business they are in."



Gen. Ann Dunwoody gets a close-up look at valves on HD mustard ton containers waiting to be shipped from storage to the Umatilla Chemical Agent Disposal Facility. Nichole Mego, inventory specialist, and Allen Whitehall, toxic material handler leader, assisted the general during her visit to the storage igloo.

### CMA - U.S. CHEMICAL AGENT STOCKPILE DESTROYED



**83.8%**  
of U.S. Chemical Agent  
stockpile destroyed\*



Site Project Manager Tim Garrett (front row, second from left) accepted the award for the Anniston Chemical Agent Disposal Facility at the ceremony Feb. 26. He is flanked by other recipients of the award.

### Anniston Chemical Agent Disposal Facility Inducted into Hall of Fame

The Anniston Chemical Agent Disposal Facility (ANCDF) was honored last month for its induction into the State of Alabama's Engineering Hall of Fame. On Feb. 26, a delegation from ANCDF attended a dinner and induction ceremony at the Renaissance Hotel and Spa in Montgomery, Ala.

Tim Garrett, Site Project Manager, Samuel Escue, Westinghouse engineer and contributor to nomination packet, and Lt. Col. Will Flucker, ANCA Commander, attended the ceremony.

The Hall of Fame was founded in 1987 and honors accomplishments and contributions that have brought and continue to bring significant recognition to the State of Alabama. It is governed

by a 20-member board that establishes criteria and determines the eligibility of candidates. At this year's induction, seven individuals, one corporation and two projects, including ANCDF, were honored.

Garrett said as he accepted the award, "I am very proud of our State of Alabama. I am very proud of our Alabama work force who works as a dedicated, professional team to accomplish their mission safely. They work in an extremely high-hazard setting while handling and processing explosives and chemical warfare material. They have done this difficult job in an exemplary manner."

### BGCA Employee, Chris Gholson, Develops Lifting Device



Chris Gholson, a Toxic Material Handler (TMH) at Blue Grass Chemical Activity, was awarded \$1,000 for developing a lifting device accessory that improves personnel safety and time management.

Gholson designed a 155 mm and 8-inch repalletization attachment reducing the time to lift munitions onto the pallet from nine minutes to three minutes. For instance, it usually takes a TMH ten hours to complete 69 pallets. However, with Gholson's new device, the time is reduced by more than half, to four hours. An added bonus is the device prevents back strains by allowing for proper body mechanics during use.

### WORKPLACE EYE SAFETY

How many of us could do our job well without proper vision? According to Prevent Blindness America, more than 2,000 people injure their eyes at work each day. Studies show that preventing eye injury in the workplace is easy, if you take the time to know your surroundings.

Our eyes are precious; good vision is a luxury most people take for granted. Here are a few simple steps to prolong your vision and protect your eyes at work:

- Be aware of your environment.
- When working on a computer, take frequent eye breaks, and focus your vision on objects further away.
- If you work on a computer, ensure the monitor is adjusted to an appropriate height and distance from your eyes, with the view sized for comfortable reading.
- Get yearly eye exams.
- Adjust lighting to reduce eye strain and visual discomfort.
- If you get something in your eye, do not rub your eye; flush the object out of your eye with clean water, or use a clean soft cloth to gently dab (never rub) the object out.
- If you wear protective or every day lenses, make sure they are clear and cleaned often.

### CMA Q&As

#### What is CSEPP and how does it affect the chemical weapons storage and demilitarization sites?

CSEPP's, or the *Chemical Stockpile Emergency Preparedness Program's*, goal is to ensure the emergency preparedness of the communities surrounding the depots where chemical weapons are stored until the chemical agents are eliminated. Its mission centers on enhancing emergency response plans and training, and identifying and securing response equipment and warning systems to meet community emergency preparedness needs. CSEPP officials regularly join with local and state emergency response organizations in practice drills to hone response skills and time.

The program is a cooperative effort among local, state and federal agencies and jurisdictions. The federal agencies that are involved include: the Federal Emergency Management Agency, the U.S. Environmental Protection Agency and the U.S. Department of Health and Human Services.

#### What is an RIR and what is CMA's most recent RIR?

RIR stands for *Recordable Injury Rate* and is the measurement of recordable injuries per 200,000 hours worked. **As of the end of January, CMA's demil RIR was 0.73 for the sites overall.** CMA has qualified as "world class" —an RIR below 1.0—for the past 27 consecutive months; a safety record comparable to working in the finance and insurance industries.

CMA calculates a 12-month rolling average on the basis of safety reporting standards set by the Occupational Safety and Health Administration (OSHA). OSHA requires companies and major facilities to report injuries that meet its recordable and reportable criteria, and the Department of Labor's Bureau of Labor Statistics extensively tracks safety statistics.

In addition to recordable injuries, CMA facilities go a step further and maintain records of first-aid injuries and near-miss cases.

### Munitions to be destroyed...

#### as of February 20, 2011:

CMA has 36,481 chemical agent munitions left to destroy

- 1,787 HD/H ton containers
- 536 HT 4.2-inch mortars
- 211 HD 4.2-inch mortars
- 23,064 HD 105mm projectiles
- 10,869 HD/H 155mm projectiles
- 14 L/GA/TGA ton containers