



U.S. ARMY CHEMICAL MATERIALS AGENCY

# MONTHLY UPDATE

WWW.CMA.ARMY.MIL

## DESERET CHEMICAL DEPOT | Feb. 17, 2011

### One more down

*CAMDS readies another facility for demolition*

The Chemical Agent Munitions Disposal System (CAMDS) can check another facility off of its "ready-for-demolition" checklist. Workers successfully completed the Unventilated Monitoring Test (UMT) in the Chemical Test Facility (CTF) earlier this month. The UMT is a 36-hour test required under the Resource Conservation and Recovery Act (RCRA) permit and the CAMDS Closure Plan that verifies agent contamination in the test area is within safety requirements, which is below 1.0 Vapor Screening Level (VSL). The UMT is also the last major step that needs to be accomplished before a facility can be demolished.

The CTF UMT required 24 fans (running continuously for the whole 36 hours and ranging in size from 20 to 48 inches in diameter) and several portable electric heater units that kept the area's temperature heated to a minimum of 70 degrees Fahrenheit.

"Proper monitoring for chemical agent vapor can't be accomplished without creating the ideal conditions—well-mixed, warm air," said John Leone, CAMDS mechanical systems engineer.

Additionally, the test area's inlet dampers, wall penetrations and exterior doors were sealed off with plastic sheeting and the ventilation system was shut off, and a blind flange was installed in the main air duct.

"We didn't want any outside air getting into the test area," explained Leone. "Once that blind flange was put in place, the UMT officially started."

Near Real Time (NRT) monitors continuously gauged agent vapor, and the Depot Area Air Monitoring System (DAAMS) was



*A lot of work had to be done before the Unventilated Monitoring Test (UMT) in CAMDS' Chemical Test Facility (CTF) could begin. Workers Josh Overpeck (back), Troy Watson (front) and Mike Kimber (not shown) installed a blind flange to seal off the main air duct. Biff Groskreutz (right) and Kent Sullivan (left) helped ensure the thermocouples inside the CTF were properly calibrated, and (from front) Joann Shubert, Dean Williams and Aaron Perkins readied the monitoring station. Since there were no agent readings during the 36-hour test, the CTF is officially ready for demolition.*

recorded and analyzed every four hours.

No chemical agent vapor was detected during the CTF UMT. "We anticipated a successful UMT," said Tim Hutson, CAMDS closure manager. "When we conducted the pre-UMT, which is essentially a UMT under less-stringent isolation conditions, we didn't have any surprises. We were confident we would get equally successful results during the official test."

Once the final CTF UMT test report is approved, agent monitoring will be discontinued, controlled ventilation will cease and final demolition preparations will be completed such as removing lights, disconnecting utilities and removing doors and windows to allow the facility to "breathe."

The next UMT will take place in the Explosive Containment Cubicle (ECC). The ECC UMT is tentatively scheduled for mid-March.

### PUBLIC AFFAIRS:

**Alaine Grieser**  
Phone: (435) 833-4295  
[alaine.grieser@us.army.mil](mailto:alaine.grieser@us.army.mil)

### OUTREACH OFFICE:

**Amy Blausler**  
Phone: (435) 882-3773  
[ablausler@qwestoffice.net](mailto:ablausler@qwestoffice.net)

### SYSTEMS CONTRACTOR:

**Mark Mesesan**  
Phone: (435) 882-5888  
[mmesesan@egginc.com](mailto:mmesesan@egginc.com)

### Tooele Chemical Stockpile Outreach Office

54 S. Main St.  
Tooele, UT 84074  
Phone: (435) 882-3773  
Toll Free: (800) 471-1617

**Outreach Office Hours:**  
8:30 a.m. - 5:00 p.m.  
**Monday - Friday**  
(Additional hours available upon request)



Col. Mark B. Pomeroy, commander, Deseret Chemical Depot (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 Deseret Chemical Depot. Gen. Dunwoody was visiting the depot to discuss Base Realignment and Closure (BRAC-05) related issues, chemical agent disposal status and also thank the workforce for their contributions to the Army and nation. In 2008, Gen. Dunwoody became the first woman in U.S. military history to achieve the rank of four-star General. URS Photo

## TOCDF medical clinic earns national award

Hard work has paid off for the Tooele Chemical Agent Disposal Facility medical clinic—earning the national 2011 Corporate Health Achievement Award (CHAA). The award will formally be presented in March at the American College of Occupational and Environmental Medicine's (ACOEM) annual meeting in Washington, D.C.

"This is exciting news and the culmination of many hours of work done by many individuals both inside and outside of the clinic," said TOCDF Clinic Director Dr. Gary Matravers.

ACOEM established the CHAA in 1996 with the intention of fostering awareness of quality occupational and environmental medical programs. Highlighting a commitment to excellence, this award recognizes organizations that have demonstrated outstanding (See CLINIC AWARD page 3)

## Keeping stakeholders informed

Deseret Chemical Depot (DCD) Commander Col. Mark B. Pomeroy was the spotlight of this month's Tooele County Chamber of Commerce luncheon as he provided a briefing to the local stakeholders about DCD's mission, the current status and closure planning efforts underway.

"Mission completion and closure have always been something that we knew would come, but that was in the future and not a huge worry—until now," Col. Pomeroy said, when explaining how the mission focus is beginning to change at DCD as the site plans and prepares for closure. "We've now reached the future and planning for the end is frightening for us all, but we are doing everything we can to assist and help prepare the employees for life after DCD," said Col. Pomeroy.

DCD leadership has developed a strategic timeline and mission drawdown plan, which helps employees know what to expect next. They also opened a special workforce transition center to aid the employees in specific planning needs, whether they're planning for retirement or preparing resumes.

Col. Pomeroy also highlighted the new disposal projects that are being installed in DCD's storage area. The Area 10 Liquid Incinerator, which will destroy DCD's small stockpile of GA nerve and lewisite blister agents, is almost complete and systemization is underway.

(See COMMUNITY BRIEFING page 3)

## Tooele Chemical Agent Disposal Facility Processing

(as of Feb. 13)

Total mustard agent-filled bulk containers destroyed	5,945
Total mustard agent-filled 155mm projectiles destroyed	54,453
Total mustard agent-filled 4.2-inch mortars destroyed	63,274
Percentage of total mustard agent stockpile destroyed	93.45%

## The countdown begins

*Less than 500 mustard containers remain*

Tooele Chemical Agent Disposal Facility (TOCDF) workers have processed more than 5,900 mustard agent-filled bulk containers—leaving less than 500 to be destroyed. Mustard agent-filled munitions represented approximately 46 percent of the original DCD stockpile, mostly stored in these bulk containers.

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 and meet the nation's commitment under the global Chemical Weapons Convention.

TOCDF mustard operations began in August 2006 and are projected to be complete in late spring 2011.



*DCD Commander Col. Pomeroy was the guest speaker at the Tooele County Chamber of Commerce luncheon on Feb. 9; providing an update on the chemical weapons disposal operations taking place at DCD.*

### PUBLIC AFFAIRS:

**Alaine Grieser**

Phone: (435) 833-4295  
alaine.grieser@us.army.mil

### OUTREACH OFFICE:

**Amy Blausler**

Phone: (435) 882-3773  
ablausler@qwestoffice.net

### SYSTEMS CONTRACTOR:

**Mark Mesesan**

Phone: (435) 882-5888  
mmesesan@egginc.com

### Tooele Chemical Stockpile Outreach Office

54 S. Main St.  
Tooele, UT 84074  
Phone: (435) 882-3773  
Toll Free: (800) 471-1617

### Outreach Office Hours:

8:30 a.m. - 5:00 p.m.  
Monday - Friday  
(Additional hours available upon request)

## Clinic award

*continued from page 2*  
ing achievement in employee health, safety, environment and management.

Following a TOCDF site visit in December, ACOEM officials issued a report stating, "The rigor of the safety standards exceeds expectations. The involvement of all employees in assessing safety and assuring that their peers are compliant is commendable."

The TOCDF medical clinic initially began working toward this award in 2009. Along the way they also received ACOEM's CHAA Exemplary Practice Citation, acknowledging targeted programs in the workplace that are aimed at improving the health and safety of workers. It was TOCDF's Absence and Disability Management Program, developed to increase organizational involvement in management of employee injury and illness, which was recognized by ACOEM as they announced the citation award in April 2010.

"The Exemplary Practice Citation provided us with valuable feedback, which we used to further improve our operations in the clinic and on site, helping us win this year's Corporate Health Achievement Award," noted Dr. Matravers.



*These URS employees were staffing the TOCDF medical clinic on Jan. 18 when they were notified that the clinic had won the American College of Occupational and Environmental Medicine's 2011 Corporate Health Achievement Award. Pictured from left to right (front row) Melanie Harvey, Elaine Breitweiser, (back row) Dr. Gary Matravers, John Kuehn, Terry North, Mike Whitmore, Phil Scott, Rex Griffiths, Bob Jenson and Kevin Rarick. URS Photo*

## Annual emergency drill tests response efforts

The annual Chemical Stockpile Emergency Preparedness Program (CSEPP) exercise was conducted this month and is likely to be the last scheduled CSEPP exercise as Deseret Chemical Depot (DCD) plans to wrap up operations by early 2012. This event provided an opportunity for DCD and several local, state and federal agencies to practice their emergency response skills.

The event was initiated with a simulated chemical event at DCD, which triggered DCD, the State of Utah, Tooele and Salt Lake counties to activate their Emergency Operations Centers (EOCs). While responders on the depot continued their response to the simulated chemical event, state and county EOC responders continued play by focusing on a different, unrelated scenario—an earthquake along the Wasatch Front Range.

"Over the past 20 years, agencies who have participated in the exercise have done a great job in demonstrating their capability to respond to all aspects of a CSEPP response," said Randy Cooper, CSEPP manager, Utah Division of Homeland Security.

## Community briefing

*continued from page 2*

Site preparation work is also in progress for the installation of the DAVINCH, or Detonation of Ammunition in a Vacuum Integrated Chamber, a controlled detonation system that will dispose of more than 300 problematic mustard-filled munitions.

Tooele County Chamber of Commerce Executive Director Debbie Winn concluded the luncheon by thanking Col. Pomeroy for the update saying, "We're in good hands! And it's very comforting to know that they [DCD] are taking care of us [the community] and that they'll take care of the employees."

### PUBLIC AFFAIRS:

**Alaine Grieser**

Phone: (435) 833-4295  
alaine.grieser@us.army.mil

### OUTREACH OFFICE:

**Amy Blausler**

Phone: (435) 882-3773  
ablausler@qwestoffice.net

### SYSTEMS CONTRACTOR:

**Mark Mesesan**

Phone: (435) 882-5888  
mmesesan@egginc.com

### Tooele Chemical Stockpile Outreach Office

54 S. Main St.  
Tooele, UT 84074  
Phone: (435) 882-3773  
Toll Free: (800) 471-1617

### Outreach Office Hours:

**8:30 a.m. - 5:00 p.m.**  
**Monday - Friday**  
(Additional hours available upon request)

## Upcoming Events

- **Feb. 24, 6:00 p.m.** - DCD RCRA Class 3 Permit Modification public meeting. The meeting will be held at the Tooele Chemical Stockpile Outreach Office, 54 S. Main Street in Tooele.
- **March 8, 1:00 p.m.** - DCD Restoration and Advisory Board meeting to discuss environmental cleanup activities associated with the depot. The meeting will be held at the Tooele Chemical Stockpile Outreach Office, 54 S. Main Street in Tooele.
- **March 10, 1:30 p.m.** - Utah Division of Solid and Hazardous Waste Control Board monthly meeting. The meeting will be held in Room 1015 at the Department of Environmental Quality building, 195 N. 1950 W. in Salt Lake City.
- **March 17, 6:30 p.m.** - Utah Citizens' Advisory Commission meeting. The meeting will be held at the Department of Environmental Quality Building, 195 N. 1950 W., Salt Lake City.