

## DCD loss is Army gain

*DCD Deputy Commander selected to attend Senior Service College*

The Deputy Commander of Deseret Chemical Depot (DCD), Daniel Hancock, has been selected to attend the Senior Service College (SSC).

Thousands of military and government civilians apply to the SSC, but only a small percentage of government personnel are chosen to attend.



DCD Commander, Col. Gerald L. Gladney, said Hancock's selection is a prestigious honor. "This selection is a clear message that the Department of Defense/Department of the Army has identified Mr. Hancock for service in positions of increased responsibility in the future at the highest leadership levels. And I am confident that Mr. Hancock will serve our great nation with tremendous distinction," said Col. Gladney.

Hancock joined DCD as the deputy commander in January 2007. Before that, he served as the chief of staff and later as the deputy commander at the Pueblo Chemical Depot. He will leave DCD this summer to attend the 10-month SCC course at the Air War College in Alabama.

## Tooele Chemical Agent Disposal Facility Processing

(as of Feb. 15, 2008)

Total number of mustard agent-filled bulk containers destroyed	3,072
Total number of mustard agent-filled 155mm projectiles destroyed	54,453
Percentage of total mustard agent stockpile destroyed	49.39%

## Sharing lessons learned

The Heel Transfer System (HTS), which was designed by workers at the Tooele Chemical Agent Disposal Facility (TOCDF), will soon help at least one other U.S. chem demil site eliminate its stockpile of HD mustard ton containers. Engineers from the Umatilla Chemical Agent Disposal Facility (UMCDF) recently visited TOCDF to gain hands-on experience and knowledge of the HTS. The UMCDF engineers spent two days "test driving" their own heel transfer system, which was built by TOCDF workers. After the hands-on experience, the HTS will be disassembled and shipped to Umatilla, Ore.

"We're trying to make it as easy as possible for them," said Tim Hutson, TOCDF's HTS project manager, who, along with system engineer Kesley Kimmel, will travel to Umatilla to assist with installing, testing and/or operating UMCDF's heel transfer system.

While the two sites have long shared lessons learned, including the TOCDF-designed glove boxes used to safely vent hydrogen from mustard ton containers, this is the first time the two have shared (See Heel Transfer System – *continued on next page*)



TOCDF workers built this heel transfer system, which will be disassembled and shipped to Umatilla, Ore., to help the Umatilla Chemical Depot dispose of its stockpile of HD mustard ton containers.

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#### Outreach Office Hours:

8:30 a.m. - 5:00 p.m.

Monday - Friday

(Additional hours available upon request)

## Upcoming Events

- **March 12, 1:30 p.m.** – Utah Division of Solid and Hazardous Waste Control Board monthly meeting. The meeting will be held in Room 101 at the Department of Environmental Quality building, 162 N. 1950 W. in Salt Lake City.
- **March 17, 1:00 p.m.** – DCD Restoration and Advisory Board meeting to discuss environmental clean-up activities associated with the depot. The meeting will be held at the Tooele Chemical Stockpile Outreach Office, 54 S. Main Street in Tooele.
- **March 19, 6:30 p.m.** – Utah Citizens' Advisory Commission meeting. The meeting will be held at the Tooele City Hall, 90 N. Main Street in Tooele.

## Heel Transfer System

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something so complicated. "Stuff like this usually goes through the CDTF (Chemical Demilitarization Training Facility), but because of the tight schedule, we are sharing this directly with UMCDP," Hutson noted.

TOCDF workers developed the HTS in less than four months back in 2007 to effectively and efficiently deal with high-heel mustard ton containers. The HTS uses a high pressure, warm water spray to reduce the heels, i.e., residual solids, from mustard ton containers that are too heavy to be processed through the metal parts furnace.

TOCDF started HTS operations Oct. 3, 2008, and is using it to destroy more than 3,000 low mercury/high-heel ton containers in the DCD stockpile. UMCDP expects to start operating its HTS in early April to help destroy more than 2,000 HD mustard ton containers.

Hutson said it's possible that the HTS, or certain aspects of it, also could be utilized at chem demil sites in Pine Bluff, Ark. and Anniston, Ala.

## Iraq joins the Chemical Weapons Convention Treaty

As one of the few countries proven to have used chemical weapons in modern times, Iraq has become the 186<sup>th</sup> State Party to join the Chemical Weapons Convention Treaty. The treaty prohibits the development, production, stockpile and use of chemical weapons.

Under a June 2007 Security Council resolution that disbanded the United Nations weapons inspection operation for Iraq, the Iraqi government was required to become a party to the treaty. This is a step toward implementing the council's requirement that it adhere to all disarmament and non-proliferation conventions.

The chemical weapons convention entered into force on April 29, 1997. At that time, the United States and 86 other nations became the first to sign and ratify the treaty. Since then, the United States has destroyed nearly two million munitions and more than 15,000 metric tons.

All State Parties are obligated to declare and destroy any stockpile of chemical weapons they may have and any facilities which produced them, as well as any chemical weapons they abandoned in the past on the territory of other State Parties. There are now only nine states that remain outside the convention – Angola, the Bahamas, Dominican Republic, Egypt, Israel, Myanmar, North Korea, Somalia and Syria.



United Nations Special Commission inspectors in Iraq take samples from mustard agent-filled 155mm projectiles. (UN Photo/Shankar Kunhambu, 1991)

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