



U.S. ARMY CHEMICAL MATERIALS AGENCY

# WEEKLY UPDATE

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## UMATILLA CHEMICAL DEPOT

Jan. 13, 2011

### UMCDF implements 100% processing rate

UMCDF implemented a 100 percent processing rate of mustard ton containers (TCs) through the Metal Parts Furnace (MPF) on Monday, following final authorization earlier in the day from the Oregon Department of Environmental Quality (DEQ).

Mustard TC processing is the 13th and final munitions campaign at UMCDF, and Monday marked the first time UMCDF has reached a 100 percent processing rate.

The project received permission late last week to increase from 75 to 100 percent processing.

Engineering installed 100 percent jumpers over the weekend, and Environmental provided a final letter of preparedness to DEQ Monday that all implementation items had been completed. DEQ concurred that all the requirements had been met for compliant 100 percent HD feed to the MPF.

"It took a substantial amount of work to get us to this point," said Environmental Manager Pat Mohondro.

"There are a lot of people that deserve thanks across the board, including my outstanding Environmental team, the Field Office, the management team as well as DEQ staff. Everyone hung in there and agreed to work through several challenging issues over a period of several months."

Mohondro noted that DEQ had to complete its review and approval of the MPF Final Trial Burn Report, the Attachment 9 Permit Modification to establish metals feed, review of a Human Health Risk Assessment update for both 75 and 100 percent operations, and finally, review and approval of the MPF Operational Parameter Permit Modification.

Reaching 100 percent processing is a great opportunity, but Mohondro stressed the need for attention to detail across the board. "Please take the time needed to verify compliance in your areas," he said. "If you have a question, then ask someone."

UMCDF's working schedule was based on a 75 percent processing rate throughout the mustard campaign, so reaching 100 percent pushes the schedule to the left. Starting today, the projected date for completing operations moved from March 27 back to Jan. 7, 2012.

Meanwhile, installation of the Rinsate Collection System (RCS) continues. DEQ is scheduled to issue a final decision next month on the permit modification request to pump rinsate from donor TCs to the Liquid Incinerators (LICs) rather than donor TCs.

### UMCDF Highlights

- It has been 1,650 days, or more than 7.7 million work hours, since a lost work day accident occurred at the UMCDF (July 7, 2006).

### Umatilla Chemical Agent Disposal Facility Processing

(Jan. 6 - 12, 2011)

Total number of originally stockpiled HD-filled ton containers destroyed this period	18
Total number of originally stockpiled HD-filled ton containers destroyed to date	1,156
Percentage of originally stockpiled HD-filled ton containers destroyed to date	43.9
Total "recipient" HD ton containers* destroyed this period	18
Total "recipient" HD ton containers* destroyed to date	419
Pounds of HD agent destroyed this period	33,096
Pounds of HD agent destroyed to date	2,050,094
Pounds of total agent destroyed to date <i>Includes GB, VX and HD</i>	5,430,750
Total munitions destroyed to date since start of operations (Sept. 7, 2004) <i>including non-stockpile GB and VX ton containers</i>	219,023
Nominal tons of chemical agent destroyed to date	2,402.91
Percentage of total agent tons destroyed	64.64

\*Recipient ton containers are byproducts of mustard disposal and were not a part of the original stockpile.

### UMCD/UMCDF Milestones

- **June 27, 2010:** Completed mustard Agent Trial Burn for Metal Parts Furnace (MPF) and Liquid Incinerators (LICs).
- **June 11, 2009:** Began first HD ton container destruction in the MPF.
- **June 4, 2009:** First HD ton containers transported from depot storage to disposal plant.
- **Nov. 5, 2008:** Completed VX munitions campaign.
- **Oct. 26, 2007:** Began VX munitions campaign.
- **July 8, 2007:** Completed GB munitions campaign.
- **Sept. 7, 2004:** Began GB munitions campaign.

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