

Mustard agent trial burn expected to begin soon

UMCDF is scheduled to begin the mustard chemical agent and secondary waste trial burn for the Liquid Incinerators (LICs) and Metal Parts Furnace (MPF) soon. This trial burn will be conducted using mustard ton containers and agent, and will consist of a series of at least three test runs for each specific operating condition. The results of these tests will be used to demonstrate compliance with permit limits, as well as establish the final incinerator operating conditions under which the UMCDF will conduct future ton container and agent processing. The trial burn is expected to take up to 60 days.



The primary purpose of the LICs is to destroy liquid chemical agent drained and removed from the TCs. The LICs are also used to treat agent-contaminated spent decontamination solution and other miscellaneous liquid wastes. The primary purpose of the MPF is to thermally treat the HD ton containers after they have been drained of pumpable chemical agent. Any residual chemical agent will be destroyed by the combustion process. The MPF is also used to thermally treat much of the secondary wastes generated at UMCDF.

Chem demil veteran joins Umatilla team

Will Leslie has joined UMCDF as the Assistant Plant Manager. He has extensive experience in the chemical demilitarization world at both the Anniston Chemical Agent Disposal Facility in Alabama and the Pine Bluff Chemical Agent Disposal Facility in Arkansas.



Leslie had been Operations Manager at Anniston since 2006. He served as the Material Handling Systemization Team Leader and as a Shift Plant Manager at Anniston before becoming Deputy Operations Manager at Pine Bluff in 2005. The next year he returned to Anniston as Operations Manager.

UMCDF Highlights

- It has been 1,377 days, or more than 6.4 million work hours, since a lost-time accident occurred at the UMCDF (July 7, 2006).

Umatilla Chemical Agent Disposal Facility Processing (April 8 - 14, 2010)

Total number of originally stockpiled HD-filled ton containers destroyed this period	0
Total number of originally stockpiled HD-filled ton containers destroyed to date	229
Percentage of originally stockpiled HD-filled ton containers destroyed to date	8.7
Total "recipient" HD ton containers* destroyed this period	0
Total "recipient" HD ton containers* destroyed to date	133
Pounds of HD agent destroyed this period	0
Pounds of HD agent destroyed to date	378,992
Pounds of total agent destroyed to date <i>Includes GB, VX and HD</i>	3,145,174
Total munitions destroyed to date since start of operations (Sept. 7, 2004) <i>including non-stockpile GB and VX ton containers</i>	218,212
Nominal tons of chemical agent destroyed to date	1,567.36
Percentage of total agent tons destroyed	42.16

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

UMCD/UMCDF Milestones

- June 11, 2009:** Began first HD ton container destruction in the Metal Parts Furnace (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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