



Mustard Agent Trial Burn begins

The Umatilla Chemical Agent Disposal Facility (UMCDF) began the HD mustard Agent Trial Burn (ATB) at 1:47 p.m. today. The ATB will be conducted in the Metal Parts Furnace (MPF) and the two Liquid Incinerators (LICs).

The purpose of the ATB is threefold:

- To demonstrate compliance with permit limitations for plant emissions. In other words, the plant will show it can meet permit emission limits (including hydrochloric acid, mercury, particulate matter, dioxins, and furans) while burning mustard agent in the LICs and processing TCs through the MPF.
- To demonstrate compliance with all performance standards. UMCDF aims for a Destruction and Removal Efficiency (DRE) of 99.9999 percent, which ensures complete destruction of the agent.
- To establish incinerator operating conditions under which UMCDF will conduct the remainder of the mustard campaign in the MPF and LICs. In other words, the ATB will determine the maximum processing rate for agent through the LICs and establish how many TCs can be processed through the MPF in one day.

The ATB is expected to take up to 60 days to complete.

Army receives patent for chemical decon tool

The U.S. Army Edgewood Chemical Biological Center in Maryland has received a patent for an absorbent material intended to help speed up the decontamination of chemical-weapon agents, the center announced Monday.

The material is a "sorberent" that soaks up agents in liquid or gas form. It eliminates VX nerve agent from contaminated surfaces 1,000 times faster than other countermeasures, according to a press release.

"The increased efficiency reduces the amount of sorberent required to decontaminate affected surfaces and, therefore, the costs involved," ECBC Technical Director Rick Decker said in a statement. "But more importantly, every step we take towards enhancing decontamination technology of chemical warfare agents takes us one step closer to protecting the war-fighter and civilian population."

— From the Global Security Network

UMCDF Highlights

- It has been 1,391 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 22 - 28, 2010)

Total number of originally stockpiled HD-filled ton containers destroyed this period	10
Total number of originally stockpiled HD-filled ton containers destroyed to date	240
Percentage of originally stockpiled HD-filled ton containers destroyed to date	9.1
Total "recipient" HD ton containers* destroyed this period	1
Total "recipient" HD ton containers* destroyed to date	134
Pounds of HD agent destroyed this period	24,375
Pounds of HD agent destroyed to date	406,332
Pounds of total agent destroyed to date <i>Includes GB, VX and HD</i>	3,172,514
Total munitions destroyed to date since start of operations (Sept. 7, 2004) <i>including non-stockpile GB and VX ton containers</i>	218,223
Nominal tons of chemical agent destroyed to date	1,581.03
Percentage of total agent tons destroyed	42.53

*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.

PUBLIC AFFAIRS:

Jim Hackett

Phone: (541) 564-5418
james.s.hackett@us.army.mil

OUTREACH OFFICE:

Steve Meyers

Phone: (541) 564-9339
steve.meyers@umcdf-fo.org

SYSTEMS CONTRACTOR:

Hal McCune

Phone: (541) 564-7304
hal.mccune@wgint.com

Umatilla Chemical Disposal Outreach Office

190 E. Main St.
Hermiston, OR 97838
Phone: (541) 564-9339
Fax: (541) 564-9532

Information Line:

(888) 866-5928
(541) 564-7103

Outreach Office Hours:

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