

### Update on LIC 1 event

The Umatilla Chemical Agent Disposal Facility (UMCDF) plans to restart chemical munitions disposal by early June. Processing stopped on May 14 when Liquid Incinerator (LIC) No. 1 shut down after Quench Tower piping inadvertently plugged. Liquids backed up into the hot primary and secondary chambers, releasing steam and smoke in a small area of the plant.

The disposal plant has two Liquid Incinerators. Processing is expected to resume in early June utilizing LIC No. 2, which has been undergoing a two-month planned maintenance outage to re-brick the furnace. That maintenance will soon be completed. LIC No. 2 can begin processing liquids after a 10-day curing period and final checks.

"We originally planned for redundant equipment in key areas of the plant," said Mike Strong, Army site project manager. "Having two liquid incinerators gives us the option of restarting processing as we continue to inspect and repair equipment damaged on May 14."

Chemical agent was not being processed on May 14. There was no danger to the public or the environment. The event was safely contained within the disposal plant under engineering controls. Inspections and repairs are continuing on LIC No. 1.

The Liquid Incinerators burn chemical agent and spent decontamination solution. The Quench Tower is part of the disposal plant's Pollution Abatement System (PAS).

### Try blowing out these candles



*Demister candles, which are nothing more than large cylindrical-shaped filters, lie in bags awaiting installation in one of the UMCDF's six mist eliminator vessels. The candles, so called because of their shape, trap non-soluble particles that remain from the pollution abatement process. As with any filter, they must be changed periodically.*

### UMCDF Highlights

- It has been 684 days, or more than 3.1 million work hours, since a lost-time accident occurred at the UMCDF (July 7, 2006).

#### Umatilla Chemical Agent Disposal Facility Processing (May 15 - 21, 2008)

Total number of VX-filled 155mm projectiles destroyed this period	0
Total VX projectiles destroyed to date	21,098
Percentage of VX projectiles destroyed to date	58.5
Pounds of VX agent destroyed this period	0
Pounds of total VX agent destroyed to date	483,119
Total munitions destroyed to date since start of operations (Sept. 7, 2004) <i>including non-stockpile GB and VX ton containers</i>	191,317
Nominal tons of chemical agent destroyed to date	1,255.66
Percentage of total agent tons destroyed	33.78

### UMCD/UMCDF Milestones

- March 21, 2008:** Destroyed first VX 155mm projectile in the Metal Parts Furnace (MPF).
- March 20, 2008:** First VX 155mm projectiles transported from depot storage to disposal plant.
- Jan. 23, 2008:** Completed VX rocket campaign.
- Dec. 24, 2007:** Completed VX spray tank campaign.
- Nov. 26, 2007:** Processed the non-stockpile VX ton container.
- Nov. 23, 2007:** Destroyed the first VX spray tanks in the MPF.
- Nov. 19, 2007:** First VX spray tank transported from depot storage to disposal plant.
- Nov. 9, 2007:** First VX chemical agent destroyed in the Liquid Incinerator (LIC).
- Oct. 29, 2007:** Processed the first VX M55 rockets in the Deactivation Furnace System (DFS).
- Oct. 26, 2007:** First VX M55 rockets transported from depot storage to disposal plant.
- July 8, 2007:** Completed GB munitions campaign.

#### PUBLIC AFFAIRS:

**Bruce Henrickson**  
Phone: (541) 564-5312  
[bruce.henrickson@us.army.mil](mailto:bruce.henrickson@us.army.mil)

**Jim Hackett**  
Phone: (541) 564-5418  
[james.s.hackett@us.army.mil](mailto:james.s.hackett@us.army.mil)

#### OUTREACH OFFICE:

**Steve Meyers**  
Phone: (541) 564-9339  
[steve.meyers@umcdf-fo.org](mailto:steve.meyers@umcdf-fo.org)

#### SYSTEMS CONTRACTOR:

**Hal McCune**  
Phone: (541) 564-7304  
[hal.mccune@wgint.com](mailto: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)