

Liquid Incinerator in annual maintenance



After processing nearly 267 tons of GB and VX nerve agent since its last annual maintenance outage, an inspection of one of the plant's two Liquid Incinerators (LIC 2) revealed signs of its service to the chemical demilitarization effort at the Umatilla Chemical Agent Disposal Facility (UMCDF). Above: A few refractory bricks that had fallen from inside the primary furnace lie on the floor of the LIC 2. Below: A bright green slag — a by-product formed in combustion processes from impurities in the materials being treated and consisting mostly of mixed oxides, ash, and products formed in their reactions with furnace linings — coats the bottom of the secondary furnace, or afterburner.



EQC reopens public comment period for secondary waste

In response to a lawsuit, the Oregon Environmental Quality Commission voted Tuesday to reopen public comment on the disposal of secondary waste from the destruction of aging chemical weapons stored at the Umatilla Chemical Depot.

Multnomah County Circuit Court in Portland, Ore., ordered the state in April 2007 to review the "best available technology" for disposing of secondary waste.

The commission vote also committed the state to completing best available technology determinations for the pollution filtration system and the mustard blister agent by August 2008.

UMCDF Highlights

- It has been 551 days since a lost-time accident occurred at the UMCDF (July 7, 2006).
- Safely processed a plant record 733 VX M55 rockets on Jan. 6, 2008. The highest one-day total for GB rockets was 642, set on Oct. 24, 2005.

Umatilla Chemical Agent Disposal Facility Processing

(Jan. 3 - 9, 2008)

Total number of VX-filled rockets destroyed this period	2,630
Total VX-filled rockets destroyed to date	10,372
Percentage of VX rockets destroyed to date	71.4
Total number of VX-filled spray tanks destroyed this period	156
Total VX-filled spray tanks destroyed to date	100
Pounds of VX agent destroyed this period	22,203
Pounds of total VX agent destroyed to date	309,021
Total munitions destroyed to date since start of operations (Sept. 7, 2004) including non-stockpile ton containers	166,072
Nominal tons of chemical agent destroyed to date (stockpile only)	1,171.6
Percentage of total agent tons destroyed	31.52

CAMPAIGN COMPLETE

UMCD/UMCDF Milestones

- Dec. 24, 2007: Destroyed the last VX spray tank in the depot and U.S. arsenal.
- 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

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)