CMA
U.S. ARMY CHEMICAL MATERIALS AGENCY

WEEKLY UPDATE

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UMATILLA CHEMICAL DEPOT | Jan. 28, 2009

State OKs permit for brine loadout station

The Oregon Department of Environmental Quality (DEQ) announced conditional approval on Monday of a UMCDF permit modification to add a brine loadout station outside of the double fence surrounding the plant.

Locating a more permanent transfer structure outside the double fence averts the need to bring tankers inside the plant, which improves safety, the permit approval said. Having the transfer station inside the plant required bringing tanker trucks through the sally port at the Entry Control Facility (ECF), which inhibits personnel entry and exit through the ECF. It also required several sharp turns by the tanker trucks, which had to avoid overhead equipment, so it increased the risk of accident, injury, or release to the environment.

The new loadout station is proposed as an enhancement to the current design to reduce the risk of equipment damage and releases to the environment. Plant management anticipates the need for brine shipments five days per week to support HD mustard processing. Work on the new brine loadout station and pipe trench are nearing completion. It includes upgrading the pipe trench portion to double-walled pipe and leak detection, and it upgrades instrumentation and pump capacity.

SMART suggestion improves driver safety en route to plant

UMCDF workers heading to the site from the Irrigon gate no longer have to guess where the turnoff is from West Patrol Road that leads to the plant during foggy conditions. Thanks to a suggestion given to the Safety Management and Recognition Team (SMART), signs have been posted that alert drivers to exactly where Badger Road is when heading south on West Patrol.

The original solution was to put a flashing light to mark the intersection, but that would have meant a pole, hardware and electricity. The simpler, and just as effective, solution was to place a series of signs leading to the intersection.

SMART member Steve Barker took the lead in getting the signs made and installed.

UMCDF Highlights

- It has been 935 days, or more than 4 million work hours, since a lost-time accident occurred at the UMCDF (July 7, 2006).

Umatilla Chemical Agent Disposal Facility Processing

(Jan. 21 - 27, 2009)

CAMPAIGN COMPLETE

Total number of VX-filled land mines destroyed this period	0
Total VX land mines destroyed to date	11,685
Percentage of VX land mines destroyed to date	100
Pounds of VX agent destroyed this period	0
Pounds of total VX agent destroyed to date	734,262
Total munitions destroyed to date since start of operations (Sept. 7, 2004) *including non-stockpile GB and VX ton containers*	217,969
Nominal tons of chemical agent destroyed to date	1,377.86
Percentage of total agent tons destroyed	37.07

UMCD/UMCDF Milestones

- **Nov. 8, 2008** – UMCDF surpasses 4 million hours without a lost-time injury
- **Nov. 5, 2008**: Last VX mines destroyed in the Deactivation Furnace System (DFS).
- **Nov. 4, 2008**: Last VX mines transported from depot storage to disposal plant.
- **Sept. 25, 2008**: First VX mines transported from depot storage to disposal plant and destroyed in the(DFS.
- **Aug. 6, 2008**: Completed VX 8-inch projectile campaign.
- **July 16, 2008**: Processed first VX 8-inch projectile in the Metal Parts Furnace (MPF).
- **July 15, 2008**: First VX 8-inch projectiles transported from depot storage to disposal plant.
- **June 27, 2008**: Completed VX 155mm projectile campaign.
- **March 21, 2008**: Destroyed first VX 155mm projectile in the 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 DFS.

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