

Archiving the records



Debbie Linnell (left) and Debra Dean, of the UMCDf Document Configuration Control (DCC) department, put the finishing touches on an inventory of more than 300 boxes of records placed in fire-safe storage in a DCC igloo. The team, which included six other DCC employees, indexed the contents of each box and assigned each box to a storage location in the igloo. The records are the first to be stored in an igloo to meet quality requirements.

DEQ approves EA2192 sampling permit mod

On Friday, the Oregon Department of Environmental Quality (DEQ) approved a Permit Modification Request (PMR) to require EA 2192 sampling and analysis of upset-condition brines generated from the UMCDf pollution abatement systems during VX operations. Approval of this PMR also prohibits the processing or off-site shipment of brines with concentrations of EA 2192 greater than 20 parts per billion (ppb).

The UMCDf has chosen to use sodium hydroxide, rather than sodium hypochlorite, for decontamination during VX operations in order to rectify the operational problems and increased worker exposure issues associated with the use of sodium hypochlorite.

However, the use of sodium hydroxide for VX decontamination increases the likelihood of the formation of EA 2192, a VX breakdown product created during decontamination activities.

Therefore, in order to properly characterize their wastes as required by regulation, the UMCDf revised the permit and application to include EA 2192 sampling and analysis requirements for VX-derived brines.

UMCDf Highlights

- It has been 642 days, or more than 2.9 million work hours, since a lost-time accident occurred at the UMCDf (July 7, 2006).

Umatilla Chemical Agent Disposal Facility Processing (April 3 - 9, 2008)

Total number of VX-filled 155mm projectiles destroyed this period	2,540
Total VX projectiles destroyed to date	6,072
Percentage of VX projectiles destroyed to date	16.8
Pounds of VX agent destroyed this period	17,875
Pounds of total VX agent destroyed to date	397,507
Total munitions destroyed to date since start of operations (Sept. 7, 2004) <i>including non-stockpile GB and VX ton containers</i>	176,291
Nominal tons of chemical agent destroyed to date	1,214.14
Percentage of total agent tons destroyed	32.66

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.

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