

### Final shipment made of spent sulfur-impregnated carbon



*Operations Waste Management (OWM) workers Adrain Aguilar and Dave Elgin (on forklift) remove a pallet of drums containing used sulfur-impregnated carbon (SIC) from a storage igloo Wednesday. The activity marked the last shipment of spent SIC for offsite disposal.*

The last shipment of sulfur-impregnated carbon (SIC) used in the Pollution Abatement System (PAS) Filter System left a permitted storage area on the depot Wednesday bound for a treatment and disposal facility in Utah. The SIC has been in permitted storage since the first change-out after starting the mustard campaign in 2009.

SIC was designed to capture mercury when processing suspected high-mercury ton containers early in the campaign.

Wednesday's shipment was the 12th since shipping began on June 8. About 273,000 pounds, or some 560 containers, have been shipped.

All of the carbon shipped off site was sampled and analyzed for chemical agent and determined agent free, in accordance with the Umatilla Chemical Agent Disposal Facility (UMCDF) Hazardous Waste Permit.

"Many thanks to all of the people who made this possible and continued to work diligently preparing the containers for sampling and shipment," said Bill Norris, OWM supervisor.

In the coming months approximately 1,250 containers of PFS carbon from previous agent campaigns will be sampled, analyzed, and shipped to an offsite facility.

### UMCDF Highlights

- It has been 1,839 days, or more than 8.6 million work hours, since a lost work day accident occurred at the UMCDF (July 7, 2006).

#### Umatilla Chemical Agent Disposal Facility Processing

(July 14 - 20, 2011)

Total number of originally stockpiled HD-filled ton containers destroyed this period	48
Total number of originally stockpiled HD-filled ton containers destroyed to date	2,082
Percentage of originally stockpiled HD-filled ton containers destroyed to date	79.0
Total "recipient" HD ton containers* destroyed this period	12
Total "recipient" HD ton containers* destroyed to date	720
Pounds of HD agent destroyed this period	79,162
Pounds of HD agent destroyed to date	3,714,174
Pounds of total agent destroyed to date <i>Includes GB, VX and HD</i>	7,094,839
Total munitions destroyed to date since start of operations (Sept. 7, 2004) <i>including non-stockpile GB and VX ton containers</i>	220,038
Nominal tons of chemical agent destroyed to date	3,234.95
Percentage of total agent tons destroyed	87.02
<i>*Recipient ton containers are byproducts of mustard disposal and were not a part of the original stockpile.</i>	

#### UMCD/UMCDF Milestones

- **June 27, 2010:** Completed mustard Agent Trial Burn for Metal Parts Furnace (MPF) and Liquid Incinerators (LICs).
- **June 11, 2009:** Began first HD ton container destruction in the 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.

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