



U.S. ARMY CHEMICAL MATERIALS AGENCY

WEEKLY UPDATE

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UMATILLA CHEMICAL DEPOT

June 28, 2007

UMCDF reaches major GB agent tonnage destruction milestone



GB 155mm projectiles on a Multipurpose Demilitarization Machine (MDM) where the chemical agent is drained. During processing on June 27, the UMCDF reached 1,000 nominal tons of GB agent destroyed.

How much chemical agent has UMCDF destroyed since operations began in September of 2004? The plant topped 1,000 nominal agent tons, or 2 million pounds, on Wednesday, June 27. That would fill enough 12-ounce soda cans to stretch, placed end-to-end, from the front gate of the plant to the Willamette River in downtown Portland, Ore. — about 185 miles.

The plant processed 320 projectiles Wednesday; it passed the milestone when the 90th "projo" was processed.

"We reached a significant milestone, but what's most important is that we've done it safely and while emphasizing environmental compliance," said Plant Manager Tim Morton.

UMCDF is nearing the end of the GB (sarin) campaign. It has destroyed more than 91,000 rockets containing nearly 1 million pounds of GB, and 2,445 bombs containing about 535,000 pounds of GB. The project has processed more than 57,000 projos, or about 93 percent of the projo stockpile, which contains more than 500,000 pounds of agent.

But there is lots of work yet to do. The GB stockpile represents about 27 percent of the agent stored at the Umatilla Chemical Depot.

Changeover from GB to VX, also a nerve agent, is expected to stretch from mid-July through November. Mustard (HD) will be the final agent to be destroyed.

UMCDF Highlights

- It has been 355 days since a lost-time accident occurred at the UMCDF (July 7, 2006).
- Reached 1,000 nominal tons of GB agent destroyed during processing on June 27 (see story at left).

Umatilla Chemical Agent Disposal Facility Processing (June 21 - 27, 2007)

Total number GB-filled 155mm projectiles processed this period	2,584
Total number GB 155mm projectiles processed to date	43,334
Total number GB projectiles processed to date	57,580
Percentage of total GB projectiles processed to date	93.4
Total munitions destroyed to date since start of operations (Sept. 8, 2004)	151,467
Total pounds of GB chemical agent destroyed this period	14,921
Nominal tons of GB chemical agent destroyed to date	1,000.77
Percentage of total agent tons destroyed	26.92

UMCD/UMCDF Milestones

- **April 15, 2007:** Reached 25 percent of total agent tons destroyed.
- **Feb. 1, 2007:** Processed the first GB 155mm projectiles through the Metal Parts Furnace (MPF).
- **Jan. 25, 2007:** Began the GB 155mm projectile campaign with delivery of munitions from depot storage to the disposal facility.
- **Jan. 3, 2007:** Completed the GB 8-inch projectile campaign.
- **Nov. 6, 2006:** Processed the 100,000th munition stockpiled at Umatilla.
- **Sept. 28, 2006:** Began GB M426 8-inch projectile campaign.
- **Aug. 9, 2006:** Completed GB M55 rocket campaign.

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