



Chemical Munitions at Pueblo

The [Pueblo Chemical Agent-Destruction Pilot Plant](#) is safely destroying the chemical weapons stockpile stored at the [U.S. Army Pueblo Chemical Depot](#), or PCD, located near Pueblo, Colorado. The depot is responsible for safekeeping the chemical weapons stockpile, which is stored in earth-covered igloos. Together, the U.S. Army and the communities surrounding PCD are working in a committed partnership to support the safe destruction of the stockpile.

The Pueblo chemical weapons stockpile was originally comprised of 2,613 U.S. tons of weaponized [blister](#) agent in 105mm and 155mm projectiles and 4.2-inch mortar rounds. Destruction operations began in September 2016 and are scheduled to be complete by the congressionally mandated deadline of Dec. 31, 2023.

155MM PROJECTILE, M104 (HD) – M110 (HD)

LENGTH 26.8 in.	WEIGHT 99 lbs.	
DIAMETER 6.1 in.	AGENT MUSTARD	

Campaign Status: Complete | Campaign start: Sept. 7, 2016, Campaign end: Sept. 5, 2020

The M104 and M110 155mm projectiles are made of forged steel and filled with 11.7 pounds of blistering agent HD, also known as mustard. In 2020, the PCAPP team completed the destruction of nearly 300,000 155mm projectiles, using [neutralization followed by biotreatment](#). Metal parts were decontaminated and recycled in accordance with all environmental laws and regulations. A number of 155mm projectiles, unsuitable for processing in the main plant, will be destroyed using Explosive Destruction Technology. The Explosive Destruction System destroyed 505 155mm projectiles and [Static Detonation Chamber](#) units will process remaining problematic munitions.

105MM PROJECTILE, M60 (HD)

LENGTH 21 in.	WEIGHT 32 lbs.	
DIAMETER 4.1 in.	AGENT MUSTARD	

Campaign Status: Underway | Campaign start: Dec. 11, 2020

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105MM PROJECTILE, M60 (HD) (cont.)

The M60 105mm projectiles are made of forged steel and filled with three pounds of blistering agent HD, also known as mustard. On Dec. 11, 2020, the PCAPP team began destroying these weapons using [neutralization followed by biotreatment](#). A number of 105mm projectiles, unsuitable for processing in the main plant, will be destroyed using Explosive Destruction Technology. The Explosive Destruction System destroyed 304 105mm projectiles and [Static Detonation Chamber](#) units will process remaining problematic munitions.

4.2-INCH MORTAR ROUNDS, M2 (HT) – M2A1 (HD)

LENGTH 21 in.	WEIGHT 25 lbs.
DIAMETER 4.2 in.	AGENT MUSTARD

The diagram shows a cross-section of a mortar round. It is filled with a red substance labeled 'AGENT'. At the front, there is a 'FUZE ADAPTER'. Inside the round, there is a 'BAFFLE' and a 'BURSTER'.

Campaign Status: Upcoming

The M2 (HT) and M2A1 (HD) 4.2-inch mortar shell is made of forged steel and filled with 5.2 pounds of blistering agent HT, also known as mustard in the M2 round and 6 pounds of blistering agent HD, also known as mustard in the M2A1 round. Explosive Destruction Technology was chosen to process the 4.2-inch mortar rounds. The Explosive Destruction System destroyed 105 4.2-inch mortar rounds and [Static Detonation Chamber](#) units are slated to destroy the remaining rounds.