

Program Executive Office, Assembled Chemical Weapons Alternatives (PEO ACWA) Program Overview



Program Executive Office
Assembled Chemical Weapons Alternatives

**27th Session of the Conference of the
States Parties, 28 Nov - 2 Dec 2022**

**Organisation for the Prohibition of
Chemical Weapons**

The Hague, The Netherlands

**Mr. Michael S. Abaie
Program Executive Officer,
Assembled Chemical Weapons Alternatives**

A PARTNERSHIP FOR SAFE CHEMICAL WEAPONS DESTRUCTION

www.peoacwa.army.mil



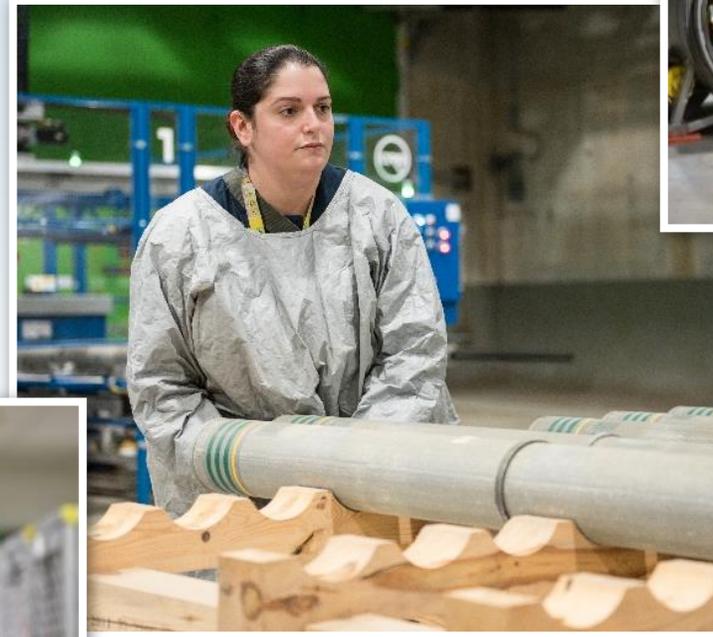


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Agenda



- 2022 ACWA Program Overview Video
- Chemical Weapons Convention Commitment
- COVID-19 Pandemic Response
- Colorado Destruction Overview
- Kentucky Destruction Overview
- Destruction Campaigns Overview
- Colorado Achievements
- Kentucky Achievements
- Preparing for Closure
- Partnership with Public





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2022 ACWA Program Overview Video



U.S. CHEMICAL WEAPONS STOCKPILE DESTRUCTION

2 0 2 2



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Chemical Weapons Convention Commitment



- 100% chemical weapons stockpile destruction is our unwavering commitment
- Transparency continues with all stakeholders, including the Organisation for the Prohibition of Chemical Weapons
- The U.S. Chemical Demilitarization Program totals more than \$31 billion



WE REMAIN COMMITTED TO DESTROYING
THE STOCKPILE BY SEPT. 30, 2023
IN A SAFE, ENVIRONMENTALLY COMPLIANT
AND EFFICIENT MANNER.

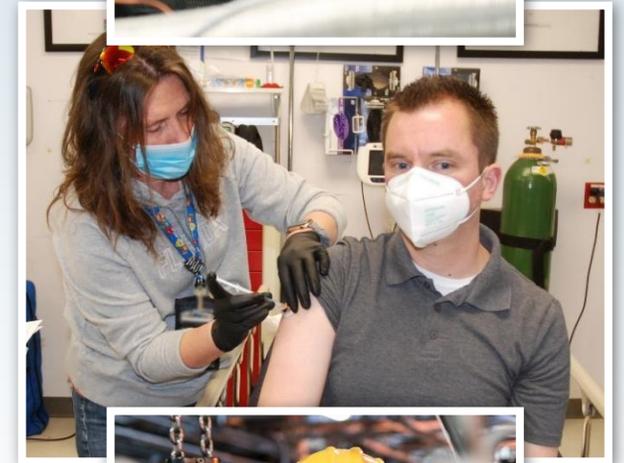


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COVID-19 Pandemic Response



- Operations continued throughout the pandemic at both sites under rigorous safety protocols and mandatory vaccination directives
- Continuous Organisation for the Prohibition of Chemical Weapons inspector presence
- Adhered to all U.S. Centers for Disease Control and Prevention (CDC) and Defense Department guidance
- Complied with CDC recommendations to continue to operate, secure and control inventory of munitions, reduce and contain wastes appropriately
- Pandemic response plans proved effective
- Communicated changing conditions with stakeholders





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Destruction Campaigns Overview

Original Stockpile in Colorado

2,370.6 METRIC TONS OF CHEMICAL AGENT



CAMPAIGNS COMPLETED

HD 155MM
PROJECTILE

HD 105MM
PROJECTILE

HD/HT 4.2-INCH
MORTAR ROUND

Original Stockpile in Kentucky

474.8 METRIC TONS OF CHEMICAL AGENT



CAMPAIGNS COMPLETED

H 155MM
PROJECTILE

VX 155MM
PROJECTILE

GB 8-INCH
PROJECTILE

VX M55
ROCKET

GB M55
ROCKET

Colorado Achievements: HD 155mm Projectile Destruction Campaign



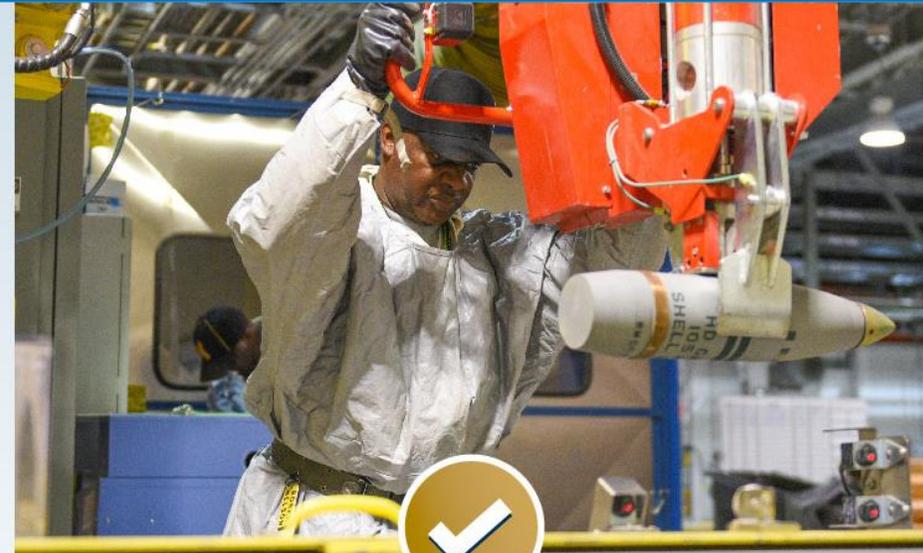
SEPTEMBER 2016
HD 155mm Projectile
Destruction Campaign Started



SEPTEMBER 2020
HD 155mm Projectile
Destruction Campaign Completed

Nearly
300,000
Projectiles Safely
Destroyed in First of
Three Campaigns

Colorado Achievements: HD 105mm Projectile Destruction Campaign



DECEMBER 2020

HD 105mm Projectile
Destruction Campaign Started

JULY 2022

HD 105mm Projectile
Destruction Campaign Completed

More than
380,000
Projectiles Safely
Destroyed in Second
of Three Campaigns

Colorado Achievements: HD/HT 4.2-inch Mortar Round Destruction Campaign



FEBRUARY 2022

HD/HT 4.2-inch Mortar Round
Destruction Campaign Started

**Last
Campaign**

in Colorado
Underway



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Colorado Destruction Overview



COLORADO

DESTRUCTION PROGRESS

Pueblo stockpile is 8.5% of total U.S. chemical weapons stockpile at entry into force



CAMPAIGN COMPLETED

155MM PROJECTILE
MUSTARD (HD)



CAMPAIGN COMPLETED

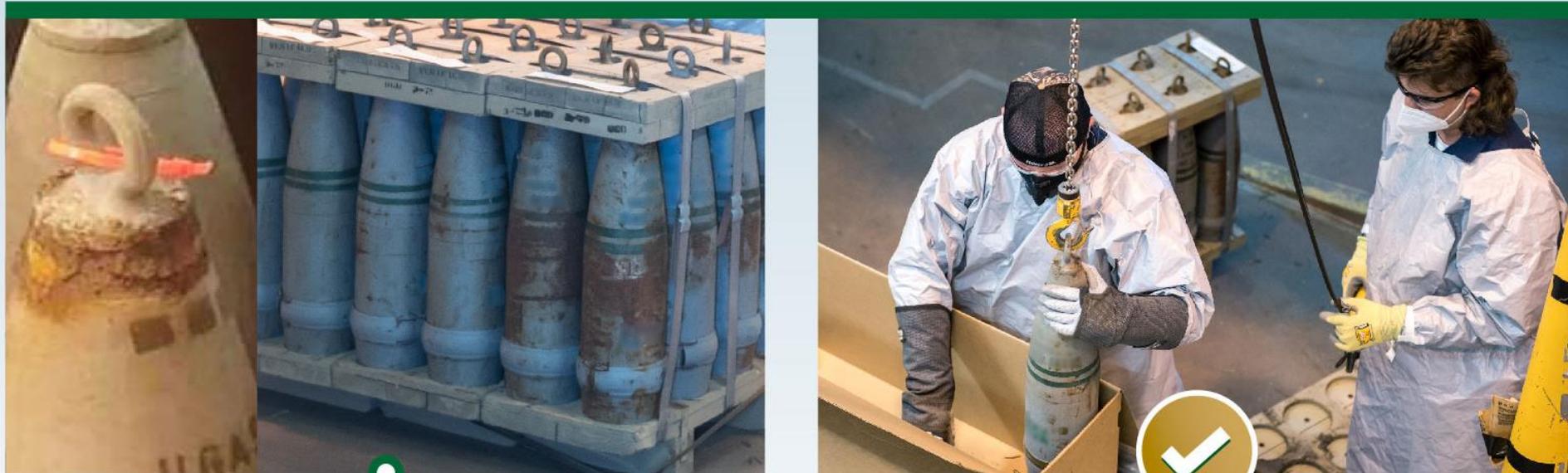
105MM PROJECTILE
MUSTARD (HD)



4.2-INCH MORTAR ROUND
MUSTARD (HT/HD)

MUNITION TYPE:	155MM PROJECTILE MUSTARD (HD)	105MM PROJECTILE MUSTARD (HD)	4.2-INCH MORTAR ROUND MUSTARD (HT/HD)
CAMPAIGN INITIATED:	SEPT. 7, 2016	DEC. 11, 2020	FEB. 19, 2022
CAMPAIGN COMPLETED:	SEPT. 5, 2020	JULY 20, 2022	-
QUANTITY:	299,554	383,418	97,106
TOTAL WEIGHT (METRIC TONS):	1,590.63	517.62	262.30

Kentucky Achievements: H 155mm Projectile Destruction Campaign



JUNE 2019
H 155mm Projectile
Destruction Campaign Started

SEPTEMBER 2021
H 155mm Projectile
Destruction Campaign Completed

**Completes
Destruction**
of all 155mm
Projectiles in
U.S. Stockpile

(except rejected overpacked items
awaiting destruction in SDC at PCAPP)

Kentucky Achievements: GB 8-inch Projectile Destruction Campaign



JANUARY 2020

GB 8-inch Projectile
Destruction Campaign Started

MAY 2020

GB 8-inch Projectile
Destruction Campaign Completed

**Completes
Destruction**
of all 8-inch
Projectiles in
U.S. Stockpile

Kentucky Achievements: VX 155mm Projectile Destruction Campaign



JANUARY 2021

VX 155mm Projectile
Destruction Campaign Started



MAY 2021

VX 155mm Projectile
Destruction Campaign Completed

**Completes
Destruction**
of all Nerve
Agent Projectiles
in U.S. Stockpile

Kentucky Achievements: VX M55 Rocket Destruction Campaign



JULY 2021

VX M55 Rocket
Destruction Campaign Started

APRIL 2022

VX M55 Rocket
Destruction Campaign Completed

All VX nerve
agent weapons
eliminated in
U.S. stockpile

Kentucky Achievements: GB M55 Rocket Destruction Campaign



JULY 2022

GB M55 Rocket Destruction Campaign Started

**Last
Campaign**

in Kentucky
Underway



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Kentucky Destruction Overview



KENTUCKY

DESTRUCTION PROGRESS

Blue Grass stockpile is 1.7% of total U.S. chemical weapons stockpile at entry into force



CAMPAIGN COMPLETED



CAMPAIGN COMPLETED



CAMPAIGN COMPLETED



CAMPAIGN COMPLETED



MUNITION TYPE:	155MM PROJECTILE MUSTARD (H)	155MM PROJECTILE NERVE (VX)	8-INCH PROJECTILE NERVE (GB)	M55 ROCKET NERVE (VX)	M55 ROCKET NERVE (GB)
CAMPAIGN INITIATED:	JUNE 7, 2019	JAN. 10, 2021	JAN. 17, 2020	JULY 9, 2021	JULY 6, 2022
CAMPAIGN COMPLETED:	SEPT. 4, 2021	MAY 28, 2021	MAY 11, 2020	APRIL 19, 2022	-
QUANTITY:	15,492	12,816	3,977	17,739	51,740
TOTAL WEIGHT (METRIC TONS):	82.22	34.88	26.15	80.46	251.10



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Preparing for Closure



DECONTAMINATION

The removal of residual contamination to safe and environmental protective levels, as prescribed by permits

DECOMMISSIONING

Rendering equipment safe for removal and eventual demolition

DISPOSITIONING

Transfer of government personal property for reuse, sale, recycling or disposal; and reconfiguring property for return to the installation

ADMINISTRATIVE CLOSEOUT

Closure of environmental permits, closing of contracts and interagency agreements, and archiving of records





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Partnership with Public



- Chemical Demilitarization Citizens' Advisory Commissions
 - Established by Public Law to provide citizen and state concerns regarding chemical weapons stockpile destruction and will continue to operate through closure
 - Composed of nine members appointed by state governors, with additional representation from numerous advisory and working groups





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Conclusion



**WE REMAIN COMMITTED TO DESTROYING
THE STOCKPILE BY SEPT. 30, 2023
IN A SAFE, ENVIRONMENTALLY COMPLIANT
AND EFFICIENT MANNER.**