



Pueblo Chemical Agent-Destruction Pilot Plant

FOR MORE INFORMATION CONTACT:

Pueblo Chemical Stockpile Outreach Office
104 West B Street
Pueblo, CO 81003
(719) 546-0400
PuebloOutreach@em.com

Pueblo Chemical Agent-Destruction Pilot Plant Public Affairs
(719) 549-4959

U.S. Army Pueblo Chemical Depot Public Affairs Office
(719) 549-4135
usarmy.pueblo.usamc.list.pa.o@mail.mil



A Partnership for Safe
Chemical Weapons
Destruction



www.peocwa.army.mil

Environmental Assessment of Proposed Installation and Operation of Static Detonation Chambers at U.S. Army Pueblo Chemical Depot

The [Program Executive Office, Assembled Chemical Weapons Alternatives](#) (PEO ACWA) oversees the destruction of chemical weapons at the [Pueblo Chemical Agent-Destruction Pilot Plant](#), or PCAPP, which is safely eliminating the stockpile in storage at the [U.S. Army Pueblo Chemical Depot](#) (PCD). Although this highly-automated, state-of-the-art facility is able to destroy most of the 2,613 tons of mustard agent contained in the stockpile, there are munitions that cannot be processed through the plant due to high solids content. To resolve this issue, PEO ACWA is exploring the use of an Explosive Destruction Technology (EDT) called a Static Detonation Chamber (SDC) to augment the plant's main operations.

To meet the requirements of the National Environmental Policy Act (NEPA) and Title 32 Code of Federal Regulations Part 651, the U.S. Army conducted an Environmental Assessment (EA) to evaluate the potential environmental impacts of installing and operating SDC facilities at PCD for the destruction of munitions with high solid content.

The areas of environmental analysis examined in the EA include land use, air quality, water resources, human health and safety, ecological resources, socioeconomic resources, environmental justice, noise, waste management and resource consumption.

The EA concluded that the installation and operation of SDC facilities will have no significant environmental impacts. Following the NEPA process, a draft Finding of No Significant Impact (FONSI) has been prepared and is available for public comment.

Interested stakeholders can access printed copies of the EA, as well as the draft FONSI at several locations throughout the Pueblo area. Electronic versions of these documents may be viewed and/or downloaded from the PEO ACWA website at www.peocwa.army.mil/pcapp/environmental-activities-at-pcapp/.

Public Comment Period:

The 45-day public comment period on the final EA and draft FONSI begins Aug. 22, 2018 and concludes Oct. 6, 2018.

Copies of the EA and supporting documentation may also be viewed at the following community information repository sites:

- **Robert Hoag Rawlings Public Library**, 100 East Abriendo Ave., Pueblo, Colorado
- **McHarg Park Community Center**, 405 2nd Lane, Avondale, Colorado
- **Boone Community Center**, 421 East First St., Boone, Colorado
- **Pueblo Chemical Stockpile Outreach Office**, 104 West B St., Pueblo, Colorado

Environmental Assessment of Proposed Installation and Operation of Static Detonation Chambers at U.S. Army Pueblo Chemical Depot (continued)

PUBLIC MEETINGS:

Public meetings are scheduled in Avondale, Boone and Pueblo. Public comment forms will be available and accepted at the meetings. Dates and times for the meetings are:

Static Detonation Chambers Public Meeting
Sept. 5, 2018, 4:30 p.m. - 6 p.m.
McHarg Park Community Center
405 2nd Lane
Avondale, Colorado

Static Detonation Chambers Public Meeting
Sept. 6, 2018, 4:30 p.m. - 6 p.m.
Boone Community Center
421 East First St.
Boone, Colorado

Static Detonation Chambers Public Meeting
Sept. 7, 2018, 4:30 p.m. - 6 p.m.
Pueblo Chemical Stockpile Outreach Office
104 West B St.
Pueblo, Colorado

Written comments should be submitted to:

Mr. Walton Levi
Deputy Site Project Manager
Pueblo Chemical Depot, PCAPP
45825 Highway 96 East, Building K101
Pueblo, CO 81006
Email: PuebloOutreach@iem.com

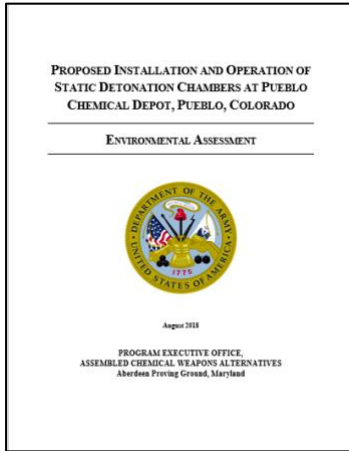
Mr. Christopher J. Pulskamp, PE
Pueblo Chemical Depot
Chief, Environmental Management Office
45825 Highway 96 East
Pueblo, CO 81006-9330
Email: PuebloOutreach@iem.com

FOR MORE INFORMATION: Call the Pueblo Chemical Stockpile Outreach Office at (719) 546-0400 or visit www.peoacwa.army.mil.

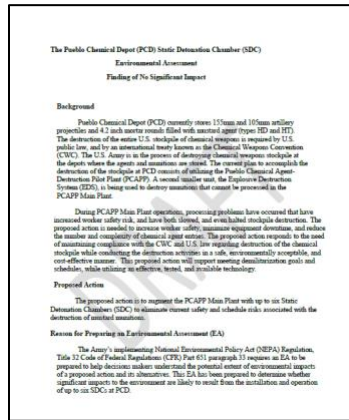
Navigating the Environmental Assessment (EA)

For those not acquainted with the document, the following provides a tool to help navigate the EA. Again, this document is available on the PEO ACWA website at www.peoacwa.army.mil/pcapp/environmental-activities-at-pcapp/ and at community information repositories as listed on page 1.

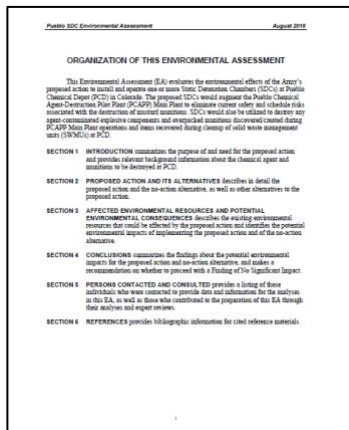
Overview of Documents



1) The **Environmental Assessment (EA)** evaluates the environmental effects of the proposed action (installation and operation of Static Detonation Chambers (SDCs) at the Pueblo Chemical Depot (PCD). It contains approximately 120 pages made up of six sections and one appendix.



2) The EA package also contains the draft **Finding of No Significant Impact (FONSI)**. The draft FONSI presents the EA conclusion of no significant impacts from the proposed action. The draft FONSI is a two-page document.



When reviewing the EA, the first place to look at is page i. This page includes a short description of what is contained in each section. The next several pages provide a description of each of those sections and highlight where you can find key information in which you may be interested.

Environmental Assessment of Proposed Installation and Operation of Static Detonation Chambers at U.S. Army Pueblo Chemical Depot (continued)

Public EDC Environmental Assessment August 2014

ORGANIZATION OF THIS ENVIRONMENTAL ASSESSMENT

This Environmental Assessment (EA) evaluates the environmental effects of the Army's proposed action to install and operate six new Static Detonation Chambers (SDCs) at Pueblo Chemical Depot (PCD) in Colorado. The proposed SDCs would replace the Pueblo Chemical Agent Detonation Plant (PCADP) Main Plant to eliminate current safety and schedule risks associated with the destruction of mustard munitions. SDCs would also be utilized to destroy any agent-contaminated explosive components and on-expected munitions discovered during PCADP Main Plant operations and waste removal during closing of solid waste management unit (SWMU) at PCD.

- SECTION 1 INTRODUCTION** summarizes the purpose of and need for the proposed action and provides relevant background information about the chemical agent and munitions to be destroyed at PCD.
- SECTION 2 PROPOSED ACTION AND ITS ALTERNATIVES** describes in detail the proposed action and the no-action alternative, as well as other alternatives to the proposed action.
- SECTION 3 AFFECTED ENVIRONMENTAL RESOURCES AND POTENTIAL ENVIRONMENTAL CONSEQUENCES** describes the existing environmental resources that could be affected by the proposed action and identifies the potential environmental impacts of implementing the proposed action and of the no-action alternative.
- SECTION 4 CONCLUSIONS** summarizes the findings about the potential environmental impacts for the proposed action and no-action alternative, and makes a recommendation as to whether to proceed with a finding of no significant impact.
- SECTION 5 PERSONS CONTACTED AND CONSULTED** provides a listing of those individuals who were contacted to provide data and information for the analysis in this EA, as well as those who contributed to the preparation of this EA through their analyses and expert reviews.
- SECTION 6 REFERENCES** provides bibliographic information for cited reference materials.

SECTION 1 – ORGANIZATION: Summarizes the purpose of and need for the proposed action and provides relevant background information about the chemical agents and munitions to be destroyed at the PCD.

Key Areas:

- 1.1.1 (The PCD Inventory of Mustard-Filled Munitions) – Describes the potential feed materials to be processed through the SDCs
- 1.2 (Overview of Proposed Action) and 1.3 (Purpose and Need for the Proposed Action) – Describe the intent to use the SDCs and provide the rationale for that intent
- 1.4.1 (Framework) and 1.4.2 (Approach) – Provides a clear description of how the analysis was conducted.

Public EDC Environmental Assessment August 2014

ORGANIZATION OF THIS ENVIRONMENTAL ASSESSMENT

This Environmental Assessment (EA) evaluates the environmental effects of the Army's proposed action to install and operate six new Static Detonation Chambers (SDCs) at Pueblo Chemical Depot (PCD) in Colorado. The proposed SDCs would replace the Pueblo Chemical Agent Detonation Plant (PCADP) Main Plant to eliminate current safety and schedule risks associated with the destruction of mustard munitions. SDCs would also be utilized to destroy any agent-contaminated explosive components and on-expected munitions discovered during PCADP Main Plant operations and waste removal during closing of solid waste management unit (SWMU) at PCD.

- SECTION 1 INTRODUCTION** summarizes the purpose of and need for the proposed action and provides relevant background information about the chemical agent and munitions to be destroyed at PCD.
- SECTION 2 PROPOSED ACTION AND ITS ALTERNATIVES** describes in detail the proposed action and the no-action alternative, as well as other alternatives to the proposed action.
- SECTION 3 AFFECTED ENVIRONMENTAL RESOURCES AND POTENTIAL ENVIRONMENTAL CONSEQUENCES** describes the existing environmental resources that could be affected by the proposed action and identifies the potential environmental impacts of implementing the proposed action and of the no-action alternative.
- SECTION 4 CONCLUSIONS** summarizes the findings about the potential environmental impacts for the proposed action and no-action alternative, and makes a recommendation as to whether to proceed with a finding of no significant impact.
- SECTION 5 PERSONS CONTACTED AND CONSULTED** provides a listing of those individuals who were contacted to provide data and information for the analysis in this EA, as well as those who contributed to the preparation of this EA through their analyses and expert reviews.
- SECTION 6 REFERENCES** provides bibliographic information for cited reference materials.

SECTION 2 – PROPOSED ACTION AND ALTERNATIVES: Describes in detail the proposed action and the no-action alternative, as well as other alternatives to the proposed action.

Static Detonation Chamber (SDC) on page 2-4.

Key Areas:

This section provides more details for the SDC systems. There is a photograph of the SDC system, as well as a detailed description.

Public EDC Environmental Assessment August 2014

ORGANIZATION OF THIS ENVIRONMENTAL ASSESSMENT

This Environmental Assessment (EA) evaluates the environmental effects of the Army's proposed action to install and operate six new Static Detonation Chambers (SDCs) at Pueblo Chemical Depot (PCD) in Colorado. The proposed SDCs would replace the Pueblo Chemical Agent Detonation Plant (PCADP) Main Plant to eliminate current safety and schedule risks associated with the destruction of mustard munitions. SDCs would also be utilized to destroy any agent-contaminated explosive components and on-expected munitions discovered during PCADP Main Plant operations and waste removal during closing of solid waste management unit (SWMU) at PCD.

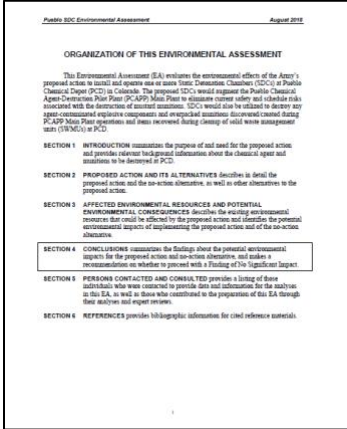
- SECTION 1 INTRODUCTION** summarizes the purpose of and need for the proposed action and provides relevant background information about the chemical agent and munitions to be destroyed at PCD.
- SECTION 2 PROPOSED ACTION AND ITS ALTERNATIVES** describes in detail the proposed action and the no-action alternative, as well as other alternatives to the proposed action.
- SECTION 3 AFFECTED ENVIRONMENTAL RESOURCES AND POTENTIAL ENVIRONMENTAL CONSEQUENCES** describes the existing environmental resources that could be affected by the proposed action and identifies the potential environmental impacts of implementing the proposed action and of the no-action alternative.
- SECTION 4 CONCLUSIONS** summarizes the findings about the potential environmental impacts for the proposed action and no-action alternative, and makes a recommendation as to whether to proceed with a finding of no significant impact.
- SECTION 5 PERSONS CONTACTED AND CONSULTED** provides a listing of those individuals who were contacted to provide data and information for the analysis in this EA, as well as those who contributed to the preparation of this EA through their analyses and expert reviews.
- SECTION 6 REFERENCES** provides bibliographic information for cited reference materials.

SECTION 3 – THE AFFECTED ENVIRONMENT AND POTENTIAL ENVIRONMENTAL CONSEQUENCES: Describes the existing environmental resources that could be affected by the proposed action and identifies the potential environmental impacts of implementing the proposed action and of the no-action alternative.

Key Areas:

This section can be used as a resource to understand all the areas that were considered for potential impacts. If further explanation of the conclusions in any of those areas of analysis summarized in Section 4 is desired, refer to this section for that detail.

Environmental Assessment of Proposed Installation and Operation of Static Detonation Chambers at U.S. Army Pueblo Chemical Depot (continued)

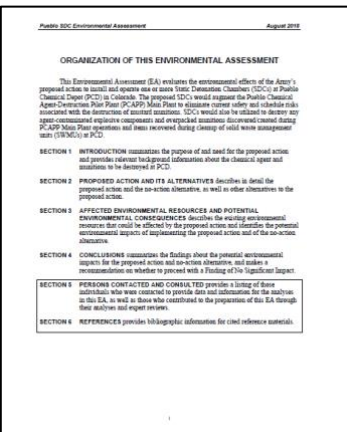


SECTION 4 – CONCLUSIONS: Summarizes the findings about the potential environmental impacts for the proposed action and no-action alternative, and makes a recommendation on whether to proceed with a Finding of No Significant Impact.

Most are short and concise to provide an immediate impression of the impacts.

Key Areas:

This section is the key section for the entire document. It is 5 pages long and summarizes the impacts for the proposed action in 14 areas of analysis to include: Land Use, Air Quality, Surface Water Resources, etc. These summaries are all presented separately to allow you to focus on those specific areas that are of most interest to you.



SECTION 5 – PERSONS CONTACTED AND CONSULTED: Provides a listing of those individuals who were contacted to provide data and information for the analyses in this EA, as well as those who contributed to the preparation of this EA through their analyses and expert reviews.

SECTION 6 – REFERENCES: Provides bibliographic information for cited reference materials.

APPENDIX: Army correspondence with agency associated with archaeological resources.