



PUBLIC NOTICE

HAZARDOUS WASTE PERMIT MODIFICATION REQUEST

**Pueblo Chemical Agent-Destruction Pilot Plant (PCAPP)
Research, Development and Demonstration (RD&D) Permit
#CO-04-07-01-01**

U.S. Army Pueblo Chemical Depot (PCD)
45825 Highway 96 East, Pueblo, Colorado 81006-9330



What is the purpose of these permit modification requests?

The U.S. Army and its contractor, Bechtel National, Inc., operate the Pueblo Chemical Agent-Destruction Pilot Plant (PCAPP) that is currently destroying munitions containing mustard agent stored at the Pueblo Chemical Depot. The Colorado Department of Public Health and Environment issued the Research, Development, and Demonstration Permit on July 1, 2004.

The Army and Bechtel are now applying for the following Class 2 Permit Modification:

Modification #109, Elimination of 30-Day Tank Recirculation

This permit modification requests authorization to operate the 30-Day Storage Tanks without recirculation and allows monitoring of the frequency of cleanouts of the strainers at the inlets to the bioreactor transfer pumps as the basis for scheduling investigations to determine if solids cleanouts from the 30-Day Storage Tanks are required.

Data collected during testing in December 2016 indicates that recirculation is not required to maintain a consistent feed of thiodiglycol to the Immobilized Cell Bioreactors. Thiodiglycol is the only parameter that controls feed to the Immobilized Cell Bioreactors, and its concentration was shown to remain fairly constant with or without recirculation.

Strainer cleanout frequency at the bioreactor transfer pumps inlets will be

- monitored to determine solids flow from the 30-Day Storage Tanks over time (data)
- used to establish a baseline strainer cleanout frequency once a consistent hydrolysate flow to the 30-Day Storage Tanks has been established and used to establish when a significant increase in strainer cleanout occurs (increase in frequency)
- monitored to determine if the cause of an increase in cleaning frequency is a buildup of solids in the 30-Day Storage Tanks that justifies removal of solids from the tanks (analysis).

The data, increase in frequency and analysis will be provided in a future permit modification.

This Permit Modification Request requires revision of Part I, Standard Permit Conditions of the permit.



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When is the public meeting?	A public meeting to discuss this permit modification request will be held in Pueblo at the District Attorney's office, 701 Court Street (1st floor conference room), at 2:00 p.m. on March 29, 2017.
Where can I find copies of this permit modification request?	A copy of this permit modification request is available for review by the general public during regular business hours at: → Robert Hoag Rawlings Public Library , 100 East Abriendo Avenue, Pueblo, CO 81004 → McHarg Community Center , 405 2nd Street, Avondale, CO 81022 → Boone Community Center , 421 East First Street, Boone, CO 81025 → Pueblo Chemical Stockpile Outreach Office , 104 West B Street, Pueblo, CO 81003 → Colorado Department of Public Health and Environment , Hazardous Materials and Waste Management Division Records Center, 4300 Cherry Creek Drive South, Denver, CO 80246
How long is the comment period?	The public comment period is from February 23, 2017 through April 24, 2017. Written comments regarding this permit modification request must be submitted to: Mr. Kevin Mackey, Colorado Department of Public Health and Environment Hazardous Materials and Waste Management Division HMWMD-B2, 4300 Cherry Creek Drive South Denver, Colorado 80246-1530 Email: Kevin.Mackey@state.co.us Please note: FAILURE TO RAISE AN ISSUE OR PROVIDE INFORMATION DURING THE PUBLIC COMMENT PERIOD MAY PREVENT YOU FROM RAISING THAT ISSUE OR SUBMITTING SUCH INFORMATION IN AN APPEAL OF THE DEPARTMENT'S FINAL DECISION - 6 CCR 1007-3, SECTION 100.506(d)(1)(vi). The Division Director will approve, modify or disapprove the permit modification request based on technical and regulatory review of the request and after considering all comments from the public.
Who can I talk to about this?	For more information, please contact: Sandy Romero, Bechtel National, Inc. → Phone: 719-549-5280 Email: svromero@bechtel.com Ron Eccher, Pueblo Chemical Stockpile Outreach Office → Phone: 719-546-0400 Email: ronald.eccher@iem.com Jeannine Natterman, Colorado Department of Public Health and Environment → Toll Free: 1-888-569-1831, ext. 3303 Email: Jeannine.Natterman@state.co.us The permittee's compliance history during the life of the permit is available from Mr. Kevin Mackey of the Colorado Department of Public Health and Environment, at Kevin.Mackey@state.co.us or phone 303-692-3426, or toll free at (888) 569-1831 ext. 3426.