

Citizens' Advisory Commission Meeting
Pueblo Colorado
Minutes
July 27, 2016

Members in Attendance:
Irene Kornelly, Chair
Terry Hart, Vice Chair
Jeff Chostner
Ken Griffin
Doug Knappe
John Norton

Members Absent:
Zak Pierce
Ross Vincent

Business/Updates

Joe Novad was introduced as the Deputy Program Director of Assembled Chemical Weapons Alternatives (ACWA). The minutes for June were approved. No business updates,

Pueblo Chemical Depot (PCD) Update

Col Thomas Duncan, PCD Commander

The Undersecretary for Defense Acquisitions Technology & Logistics, Frank Kendall, was here to tour the facility as well as Conrad Whyne director of ACWA, General Dicks of the Joint Munitions Command, and Colonel Farmer - Director of Chemical Materials Activity. It was a group effort for the tour.

The annual Resource Conservation and Recovery Act (RCRA) inspection was completed, and there were no adverse observations.

The Environmental Management Office did a fantastic job at the Restoration Advisory Board. The Depot has two Solid Waste Management Units (SWMU) that have buried munitions, a contract was awarded to do the remediation of Unit 13 and investigation of Unit 12.

The security & law enforcement unit has done a great job.

Other stakeholders joined us in the annual Chemical Stockpile Emergency Preparedness Program (CSEPP) meeting.

Hazardous Materials and Waste Management Division

Kevin Mackey, Unit Leader

The state continues to process some minor class 1 permit modifications as well as, packages for the facility construction certification. The state is looking forward to the facility construction certification package for the Piping System.

Colorado Department of Public Health & Environment (CDPHE) personnel will be on site the week of August 6 to 14, 2006 to monitor the Integrated Operations Demonstrations to determine plant readiness.

Program Updates

Rick Holmes, Bechtel Project Manager

Gregory Mohrman, Site Project Manager

Col Thomas Duncan, PCD Commander

Walton Levi, PCAPP Deputy Site Project Manager

Mike Strong, PCAPP Deputy Site Project Manager

Rick Holmes, BPT Project Manager

Walter Waybright was introduced as the Laboratory manager and gave a description of what the Lab monitors.

Laboratory Monitoring

- Testing for Air Monitoring Siting Locations distal line placement complete and verified (May 2016)
- MINICAMS and DAAMS initial baselines complete and in continuing baseline operations (March 2016)
 - 133 individual MINICAMS (1.07MM readings per month)
 - 136 DAAMS stations verified at the WPL, VSL and GPL (8K per month)
- Lab executed approximately 750 work orders
- Collected background samples from all pilot test locations with exception of agent filter area and off-gas treatment system (March 2016)
- Routine Metrics (May 2016)
 - Evaluated 662 products for MINICAMS and DAAMS interferences to date
 - Performed 5495 MINICAMS challenge events
 - Collected ~28 samples per day covering 41 methods

Laboratory Accomplishments- Operations

- Methods Update
 - Laboratory methods certified/validated to begin initial agent ops (March 2016)
 - 37 different methods on 31 GC based systems (MDL, EQL or P&A Studies)
 - Accelerated closure methods because of possible contamination due to spills (wipes, soils, etc.)
 - DAAMS method initial baselines approved and in continuing baseline mode with bi-weekly submission to ACWA (March 2016)
 - Routine Metrics (May 2016)
 - 64 agent standards prepared and verified; issued – 4576
 - DAAMS analyzed - 4816
 - Operational Readiness Review affidavits, Criteria Review Approach Documents and findings to board
 - Sample Management Office
 - Contracts in place for third party collection, analysis and data review
 - Practiced pulling samples from all known locations except B20

Laboratory – Ongoing

- Complete calibration and verification of CO2 procedure – completed June 15
- Complete installation and verification of photoacoustic analyzer for THC – completed June 27
- Complete background sampling of the agent filter area and off-gas treatment system – completed July 18
- Complete buildout of the sample management office – hoods and refrigerators – completed June 15
- Additions of MINICAMS in TMA A/B for waste monitoring – process improvement (Aug. 15)
- PEO ACWA issued to Army Materiel Command “Mission Capable” memorandum

Odor Monitoring Requirements

- Odor Patrols conducted at dawn and every four to eight hours
- Nine points are monitored downwind from the PCAPP potential odor sources along the perimeter road
- The north and east Pueblo Chemical Depot fence line is monitored in the morning

- Odor Patrol team members are tested for odor sensitivity and trained in the identification and quantification of odors using nationally recognized protocols
- The Odor Patrol also responds to odors reported to the Control Room

Odor Monitoring Observations

- Continuously conducted since Aug. 15, 2015
- 12,200 observations completed
- No odors detected during freezing periods
- Very low intensity odors classified as “grassy” are common
- No odors attributable to PCAPP operations have been detected, including during TDG operations

Rick Holmes, Bechtel Project Manager

Lost-workday case rate is 0.00.

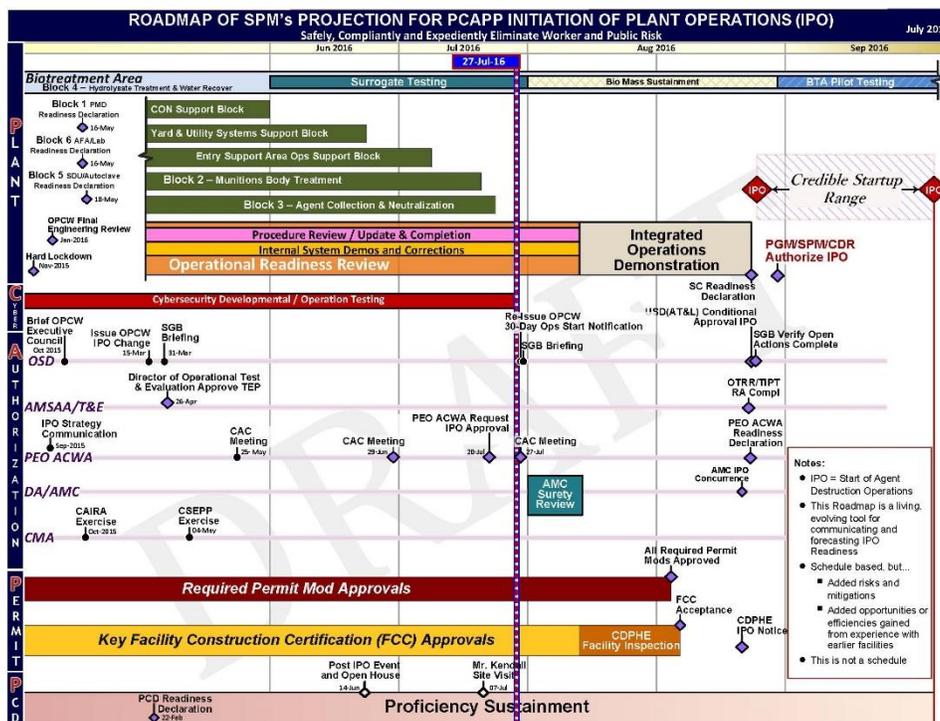
The current Total Recordable Injury Rate (TRIR) is .63 which is well below the general industry average of 3.4 and the Waste Management Industry rate of 4.7.

The last of PCAPP systems have been turned over to Operations, signifying people, paper and plant are coming together to start getting ready for pilot testing, the phase before operations. Here, plant managers certify the system turn overs.

The Man-Down Emergency Drill occurred and Entry Support Area (ESA) tenders remove demilitarization protective gear after finishing a practice drill where they assist other ESA tenders as backups in the event of an emergency.

A VIP tour of PCAPP and the Under Secretary of Defense for Acquisition, Technology and Logistics, Mr. Frank Kendall (blue shirt) toured the PCAPP facility on July 8, along with several other Air Force and Army officials. Here, Plant Manager Kim Jackson shows Kendall the toxic area of the Agent Processing Building as Entry Support Area tenders get ready to make a practice entry.

Helping Pueblo’s Homeless Community on June 25, seven PCAPP employees volunteered 30 hours at Posada’s Take Care Fair at Grome Park. More than 1,500 people attended the event that featured free services, food, family fun and games.



Walton Levi, PCAPP Deputy SPM

P2R Testing at Aberdeen Proving Ground

Technicians at Aberdeen Proving Ground, Maryland, familiarize themselves with changes to the new clamp design being used on the door of the Explosive Destruction System (EDS) vessel designated as the P2R. Setup and testing started in June and will continue through September. Once completed and certified, the unit will be shipped to the PCAPP EDS Site in 2017.

John Norton: at the BUG meeting today we were told the hydrolysate treatment would not start until week 10 - after plant operations.

Rick Holmes: It will be about 1 month after the Plant starts.

Will either one of the EDS systems have to be modified for whatever comes out of SUM 13, the buried weapons.

No, it's not nailed down at this time.

A video: "Science Behind Destruction of Chemical Weapons in Colorado" (Animation)

Maleah Slade, Education Specialist, Pueblo Chemical Stockpile Outreach Office

Subcommittee Updates -

Permitting Working Group – Irene Kornelly

Not much left to do however next month well will do a look-forward briefing.

Biotreatment Utilization Working Group (BUG) - John Norton

10 weeks into the process of treating the weapons before hydrolysate will be treated, and 6 months after that it will be analyzed. We were told there have been no odor problems. The problems that do come up are being corrected. New effluent will be needed as the plant is started.

Closing and Adjournment

Next Subcommittee meetings are tentatively scheduled:

August 24, 2016 at 2:00pm

District Attorney's Conference Room

Tentative Date for next CAC meeting: September 28, 2016 at 6:00PM

Boone