

Citizens' Advisory Commission Meeting
Pueblo Colorado
Minutes
December 9, 2015

Members in Attendance:

Irene Kornelly, Chair
Terry Hart, Vice Chair
Jeff Chostner
Ken Griffin
Doug Knappe, for Joe Schieffelin
John Norton
Zak Pierce
Ross Vincent

Members Absent:

Business

Minutes for the October 28 meeting were approved.

Project Announcements/Quick Updates

Congress is supposed to approve an Omnibus Bill and a Continuing Resolution prior to the recess for the holiday.

Irene Kornelly just returned from the meeting of the Organisation for the Prohibition of Nuclear Weapons. Three issues that were of concern: Syria, Libya, and the recurring problem between Japan & China over weapons left in China during WWII. There was applause for Pueblo starting destruction of weapons. The Russian chemical destruction program, they claim to be done except for one site. "Done" is a matter of semantics - they have destroyed all the weapons but not the secondary waste.

Welcomed Zak Pierce, recent Governor appointee to the commission.

This was Bruce Huenefeld's last meeting he will be retiring. The CAC appreciates Mr. Huenefeld's openness about the progress of the EDS.

Pueblo Chemical Depot (PCD) Update

Dan Hancock, Executive Officer

The year in review was given

Ongoing:

- First Explosive Destruction System (EDS) campaign
- Weekly training with PCAPP
- Routine interaction with the community
- 6 May: Annual CSEPP exercise
- 20-23 Jul: Army Materiel Command Surety Review
- 5 August: Annual Anti-Terrorism/Force Protection exercise
- September: \$70m environmental contract (5-year period) awarded
- 14-17 Sept: Chemical Materials Agency HR 'Bridges' counseling sessions
- 14-17 Sept: Annual CDPHE RCRA inspection
- 4-7 Oct: OPCW Systemic Treaty Inspection
- 16 Oct: PCD awarded Environmental Gold Leader Status by state of Colorado
- 19-20 Oct: Readiness Demonstration
- 20 Oct: CAIRA exercise with PCAPP
- 1 Nov: BRAC Transition Meeting
- 12 Nov: Association for Defense Communities Rocky Mountain Regional Forum
- 7-18 Dec: PCAPP Security/Surety Review

The impact from the site on the community was about \$26 million this FY, next FY \$28 million is expected to be spent.

Colorado Department of Public Health and Environment Permitting Update

Doug Knappe, Unit Leader

Hazardous Materials and Waste Management Division

A lot of progress has been made on permit modifications as well as construction certification. Work has been done on the Multi Pathway Health Risk Assessment. Minor modifications are being done at PCD, to Standard Operating Procedures (SOPs) as they progress. Temporary closure notification was given for the EDS system.

Outreach Program

Ron Eccher, Outreach Communications Manager

Chemical Demilitarization Community Outreach Office

Outreach Office Staff set up information booths at numerous community events. The outreach team participated in numerous networking opportunities. Briefings and updates were given to several civic groups. Several stakeholders and organizations toured the PCAPP construction site. The Outreach Office supported PCAPP workforce events, and distributed weekly, monthly and quarterly information products. Several national and international news outlets have contacted the Outreach Office and ran articles.

Video: <https://www.youtube.com/watch?v=GRzVnzh5z8A&feature=youtu.be>

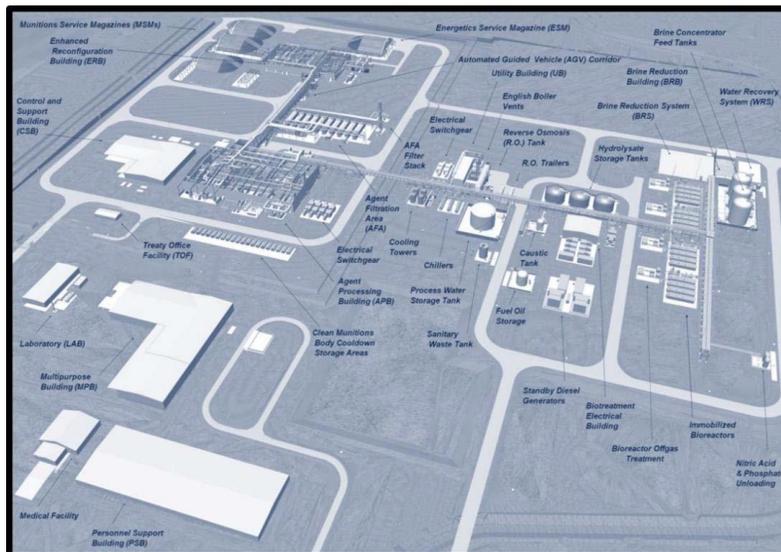
PCAPP Plant Status

Rick Holmes, Bechtel Project Manager

Safety - the numbers are going down.

- Lost-workday case rate is 0.07
- The current Total Recordable Injury Rate (TRIR) is 0.23, which is well below the general industry average of 3.4 and the Waste Management Industry rate of 4.7

PCAPP Systemization – 92.7% Complete



| System | Complete |
|------------|----------|
| UTILITIES | 99% |
| HVAC | 96% |
| FACILITIES | 100% |

As of October 2015

Initial Agent Operations ORR Status

Operational Readiness Review (ORR) work will be paced by Systemization work, primarily system turnovers.

| ORR Documents | Total Required | Board Reviewed | Board Accepted |
|------------------------------------|----------------|----------------|----------------|
| Affidavits | 375 | 319 | 315 |
| Criteria Review Approach Documents | 375 | 191 | 176 |

Data current as of 30-Nov-2015

Agent Processing Building (APB) Roof done

Recently Awarded Waste Contracts

| Description | Award Date | Company | Small Business? | Location |
|------------------------|------------|-----------------------------|-----------------|-----------------------------------|
| Industrial Waste Water | 09-17-15 | GDM dba Reliable Sanitation | Yes | Colorado Springs |
| Sanitary Waste | 08-03-15 | S&B Porta-Bowl Restrooms | Yes | Aurora |
| Biomass Delivery | 07-30-15 | APM | Yes | Lower tier is in Colorado Springs |

Waste Contracts in Development

- Solicitation expected mid-November
- Awards expected January 2016

| |
|---------------------------|
| Subtitle D Landfill |
| Munitions Body Recycling |
| Metal Wastes |
| Energetics Transportation |
| RCRA Regulated Waste |

- **Optimization Levels 1, 2, and 3**
 - Completed Level 1 Nov. 9
 - Initiated Demilitarization Protection Ensemble (DPE) entries into Enhanced Reconfiguration Building (ERB)
 - Leaning forward on Level 2 and 3 equipment upsets and DPE entries into Agent Processing Building
- **ORR boards**
 - Increased to four times per week to stay on track with paper
 - Stakeholders continue to support boards and fully understand progress

| Optimization Level 2 | Type | Description | A Crew | B Crew | C Crew | D Crew | |
|----------------------|-----------------|----------------------------------|--------|--------|--------|--------|-------|
| | Evolutions | Normal Ops (MWS-MTU-ANR) | 3 | | | | |
| | | Sampling (E.G. Treaty, Glovebox) | 2 | 10/28 | 10/30 | 10/24 | 10/24 |
| | | Strainer Change-out | 1 | 10/28 | 10/31 | 10/24 | 10/25 |
| | | | 1 | 10/29 | 10/30 | 10/26 | 11/3 |
| | | SDU Auto Loading | 2 | | | | |
| | | Maintenance PM | 1 | 10/28 | 10/30 | 11/10 | 11/4 |
| | | Pilot Test Sample | 1 | 11/6 | | | |
| | Contingency | HAZMAT Spill | 1 | | | | 11/21 |
| | | Agent Event | 1 | | | | |
| | Equipment Upset | Loss of Air | 1 | 11/4 | 11/8 | | 11/5 |
| | | Failed Batch | 1 | | | | |

| Optimization Level 3 | Type | Description | A Crew | B Crew | C Crew | D Crew | |
|----------------------|-------------|---------------------------------|--------|--------|--------|--------|-------|
| | Evolutions | Normal Ops Integrated | 3 | | | | |
| | | Filter Change-out | 1 | | | | |
| | | Leaker | 1 | | | 11/11 | 11/4 |
| | | Reject | 1 | | | | |
| | | APB Waste Mgt | 1 | | | | |
| | | Pilot Test Sample | 1 | | | | |
| | | Maintenance PM | 1 | | 11/27 | 11/22 | 11/5 |
| | Contingency | Agent Event | 1 | | | | |
| | | Explosively Configured Munition | 1 | | | | |
| | | Loss of a Filter | 1 | 10/30 | 10/30 | 11/9 | 11/3 |
| | | Global Loss of Power | 1 | 11/13 | | | 11/10 |
| | | | | | | | |
| | | | | | | | |

Security/Surety Readiness

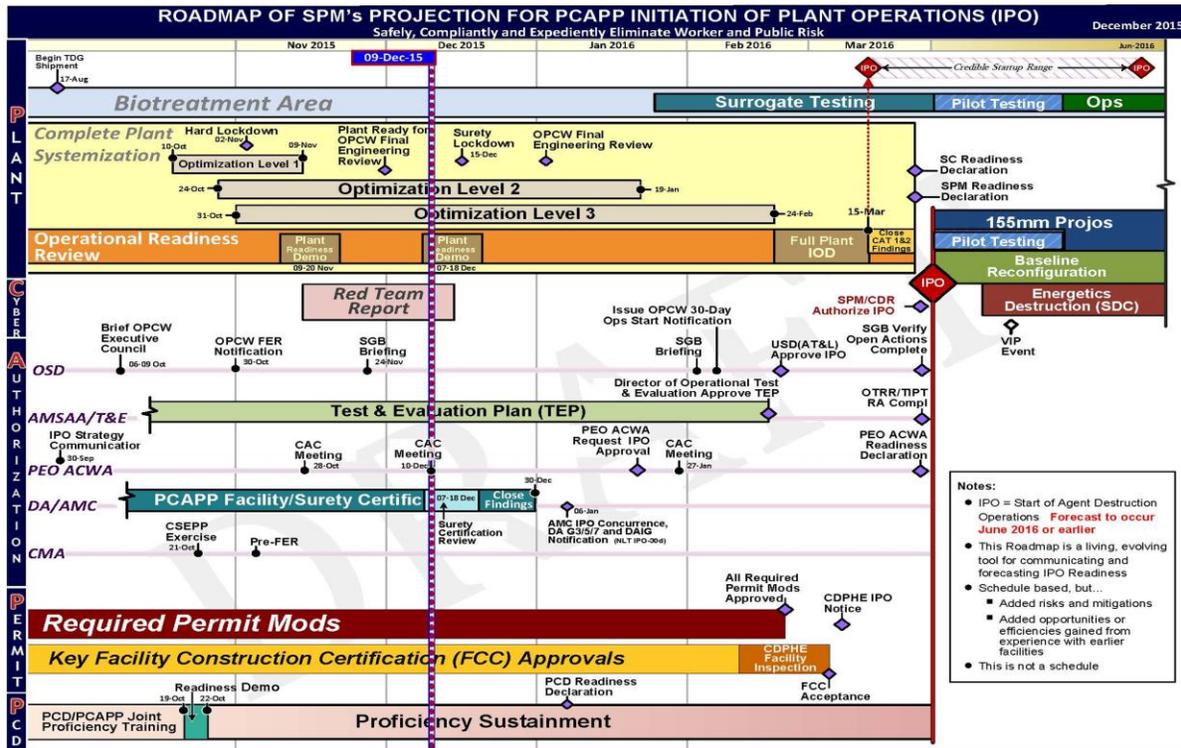
- **Significant focus to mask and badge personnel**
 - Team formed to expedite masking and badging of PCAPP personnel (both permanent and non-permanent employees)
 - Included representatives from Surety, Security, Plant, and Medical
 - PCAPP masked the 1000th employee Oct. 8, 2015
 - Non-permanent employees performed mask and badge exchange last three weeks in October
- **Hard Lockdown effective Nov. 2**
 - Full procedure compliance in effect
 - Operations owns escorting
 - Managing large number of subs still on site
- **AMC submitted request for surety status**
 - Expect approval Dec. 1
 - Surety Site Review week of Dec. 7

Thiodiglycol Transfer

Five tanks of thiodiglycol (TDG), pictured at left, were transferred recently into the 30-Day Storage Tanks. Testing of the biotreatment process will begin soon now that this first step has been completed.

Final Engineering Review (FER)

- The FER will validate to the Organization for the Prohibition of Chemical Weapons (OPCW) that the plant has been built to operate as designed
- **The following will be validated during the FER:**
 - Demilitarization equipment (Projectile Mortar Disassembly system, Munitions Washout System, Munitions Treatment Unit, Agent Collection/Neutralization System, Biotreatment System)
 - Munitions and agent accountability
 - Sampling to confirm agent type, agent destruction, Thiodiglycol destruction and air monitoring
 - Site records
 - Verification equipment to include nine dedicated closed-circuit television cameras (CCTV) access to all site cameras and HMI screens
 - Integrity of the demilitarization process and facility which includes verifying the piping of the agent collection and neutralization system and the biotreatment system with OPCW inspectors.



Explosive Destruction System: P2A

Citing funding issues, the P2A was not shipped to Aberdeen Proving Ground, Maryland, as planned at the end of November. The unit is now expected to ship in the spring 2016, with testing to begin in the summer.

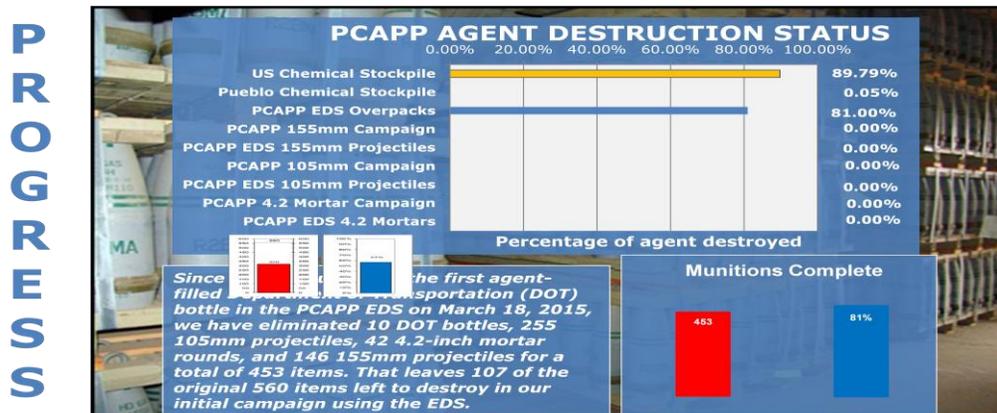
Expected arrival at PCAPP EDS, still set for early summer 2017

Explosive Destruction System:

Last Munitions Moved into EDS CLA

On Dec. 5, the last of the overpacked munitions destined for destruction in this first campaign were moved from the PCD Chemical Limited Area (CLA) to the PCAPP EDS CLA. Photos shown here document the unloading of one crate from a PCD Modified Ammunition Vehicle (left), and delivery of that crate to the PCAPP EDS igloo pending destruction (right). The campaign should conclude by the end of January 2016

Pueblo Chemical Stockpile Destruction as of 4 December 2015



John Norton: On that 99 does it include the DOT bottle?

Bruce Huenefeld: Yes.

John Norton: Why was it held back?

Bruce Huenefeld: It held mustard agent that was drawn from rounds that were suspected of mercury contamination. We are holding it to do at the very end along with the Mortars that have the suspected mercury contamination.

John Norton: Is the first campaign all the over packs?

Bruce Huenefeld: Yes.

John Norton: All others are from the igloos?

Bruce Huenefeld: It will be from moving them out of the igloos or the processing in the PCAPP Plant.

John Norton: When asked before about the over packs that there wasn't any contamination is that still true?

Bruce Huenefeld: It was sporadic; we did find some with liquid mustard in some of the containers.

Ken Griffin: What will you do with the leakers?

Bruce Huenefeld: They will be accumulated and then we will remobilize the EDS for destruction.

Subcommittee Updates -

Permitting Working Group – Irene Kornelly

Biotreatment Utilization Working Group (BUG) John Norton

Irene Kornelly (Permitting)

A public meeting was held today concerning Permit Mod 77 which is the Dunage Storage Area and the Waste Lay Down Yards. The revisions to the Closure Plan were also discussed.

John Norton (BUG)

Jim Early covered the Biotreatment utilization with is briefing.

Closing and Adjournment

Next Subcommittee meetings are tentatively scheduled:

January 27, 2016 at 2:00pm

District Attorney's Conference Room

Tentative Date for next CAC meeting: January 27, 2016 at 6:00PM

Olde Towne Carriage House