

Citizens' Advisory Commission Meeting
Pueblo Colorado
Minutes
October 28, 2015

Members in Attendance:
Irene Kornelly, Chair
Terry Hart, Vice Chair
Jeff Chostner
Doug Knappe, for Joe Schieffelin
John Norton
Ross Vincent

Members Absent:
Zach Pierce
Ken Griffin

Business

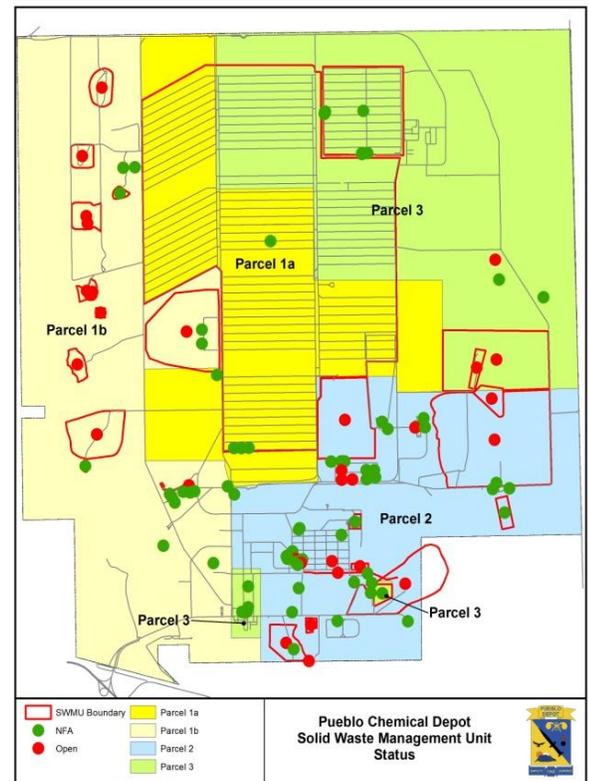
Minutes for the September meeting were approved.

Pueblo Chemical Depot (PCD) Update

Col Thomas Duncan

Readiness Demonstration staff from Maryland observed the workforce. Headquarters approved the ability to start operations, of shipments of munitions from the stockpile to the plant. A Chemical Accident Incident Response and Assistance Exercise was held. It was the first done with Pueblo Chemical Agent Pilot Plant (PCAPP). A treaty inspection was held by international inspectors from the Organisation for the Prohibition of Chemical Weapons went well. Major General McMasters was briefed on the Depot.

The Army, PuebloPlex and the state health department continue to work together to deal with 70% of the PCD property excessed by the federal government late in 2014. This is a good news story because of the amount of cleanup that has taken place. In addition, increased funding will accelerate the remaining 34 Solid Waste Management Units. The current goal is for the first property transfer (Parcel 1A) to PuebloPlex to occur by December 2016.



Message from the Program Executive Office

Conrad Whyne, Program Executive Office

Years were cut off the cleanup schedule by working with the regulators, community and the systems contractor. ACWA was challenged to capture some of the lessons learned in the past. Good project management is an important factor in the timing of the finish of the site. The safer the plant has gotten the better the production rate. The site is in the testing phase before operations. Detailed planning has helped the plant move forward at an accelerated pace as well as be cost effective. The site is looking at the what-ifs so there will be more risk reductions saving time and money. Thanks were given for the valuable insight from all.

Colorado Department of Public Health and Environment Permitting Update

Doug Knappe, Unit Leader

Hazardous Materials and Waste Management Division

The state is working on some major modifications and limited inspections at PCAPP. It has been business as usual with PCD.

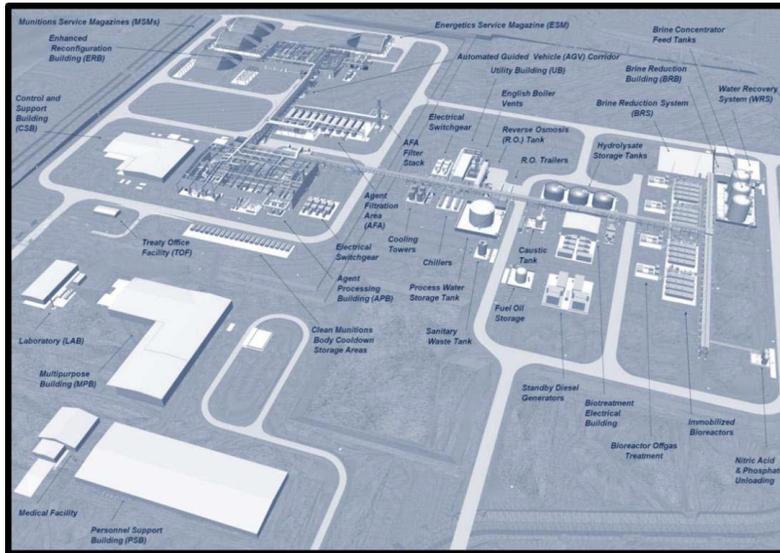
PCAPP Plant Status

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 - 90% Complete



System	Complete
UTILITIES	99%
HVAC	96%
FACILITIES	100%

As of September 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	372	295	282
Criteria Review Approach Documents	372	151	143

Data current as of 15-Oct-2015

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

Agent Processing Building roof work continues. Work is expected to be completed the first week in November. Drills continue to test readiness. Workers inside the Control Room observe how Control Room operators react to a global loss of power on the PCAPP site, one of many scenarios being practiced in the event of an unplanned emergency.

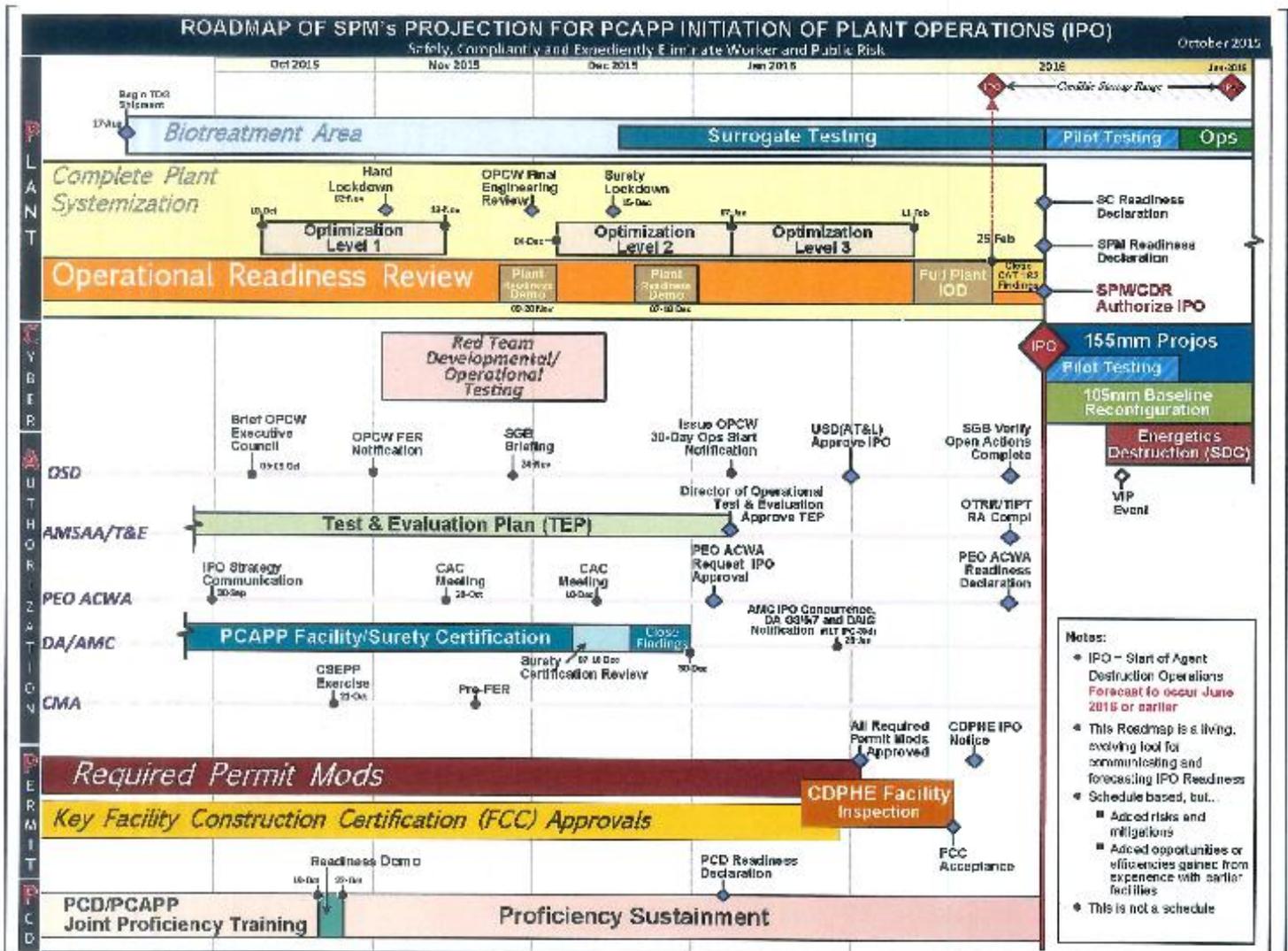
Plant operators review the transfer switch for backup power to the Munitions Service Magazine and Energetics Service Magazine igloo filtration units. Operators performed rounds and readings on the instrument air compressors, located inside the newly constructed compressor enclosure.

PCAPP Roadmap to Initiation of Plant Operations

Gregory Mohrman, Site Project Manager

PCAPP Plant Status

Rick Holmes, Bechtel Project Manager



The roadmap is updated weekly.

Explosive Destruction System: P2A**Bruce Huenefeld, PCAPP Explosive Destruction System EDS Site Project Manager**

The System is currently at Sandia National Laboratories, Albuquerque, New Mexico and is scheduled to be shipped to Aberdeen Proving Ground, Maryland, the end of November

Testing will begin their mid-January 2016

Expected arrival at PCAPP EDS, summer 2017

Explosive Destruction System:**Progress Since Restart**

- Since restart of operations on Oct. 5 and running through Oct. 21, PCAPP EDS has successfully destroyed 32 155mm projectiles
- Shots are taking place in four-pack configurations. Sets of four can usually be completed in one day, allowing for more destruction events per week
 - As the campaign nears completion, five- and six-pack shots will be considered
- Of note -- after the Oct. 21 shot, operators were astonished to find two 155mm bursters with lifting plugs, (like the one seen here), had survived the detonation sequence. Resistance however, is futile. Using established procedures, the two bursters -- like one destroyed earlier from an Oct 15 shot -- were eliminated in the next EDS round of munitions destruction

PCAPP EDS Secondary Waste

PCAPP EDS WASTE SHIPMENTS (as of 3 September 2015)		
DATE SHIPPED	TSDF LOCATION	TYPE/DISPOSITION
30 July	Clean Harbors, Grassy Mountain, UT	Frag and roll-off debris was microencapsulated and placed into a RCRA Subtitle C Cell for final disposition.
10 August	Clean Harbors, Deer Park, TX	11 x Totes Shipped Under MEA neutralent profile for Incineration. Liquid was a direct feed into their incinerator, empty totes were crushed, incinerated, and all was placed into a RCRA Subtitle C Cell for final disposition.
17 August	Clean Harbors, Deer Trail, CO	2 X 25 cubic yard Roll-Off Boxes with wooden crates and debris were placed directly into the TSDF Subtitle D Cell for final disposition.
2 Sept	US Ecology, Grand View, Idaho	1 x Shipment of fragments, Empty single round containers, or SRCs and debris in three bleach drums for chemical oxidation/ neutralization, encapsulation and placement into a RCRA Subtitle C Cell for final disposition.
3 Sept	Clean Harbors, Grassy Mountain, UT	EDS rinsate liquid (five totes) and six RCRA empty bleach drums were shipped. Liquid was solidified. Totes and were crushed and all placed into a RCRA Subtitle C Cell for final disposition.

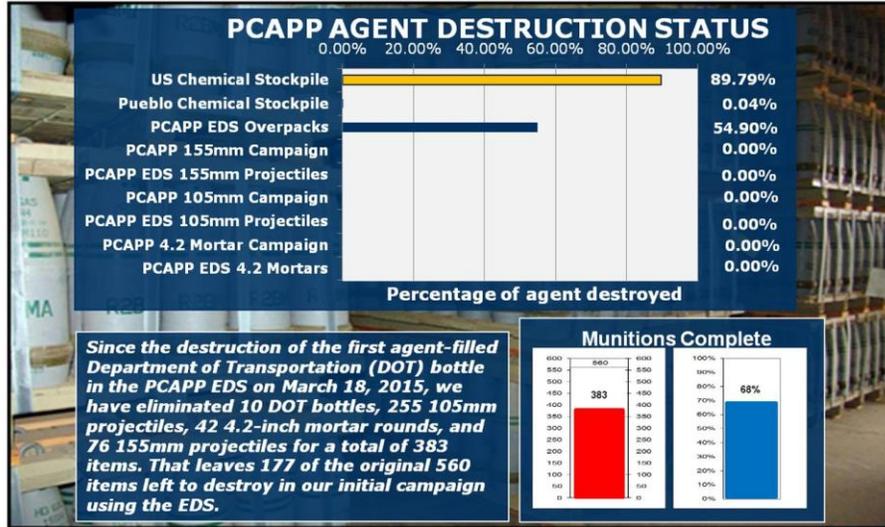
For information on prior shipments, refer to July 2015 CAC Meeting Minutes at :

https://www.colorado.gov/pacific/sites/default/files/HM_HW-CACminutes072715%20min.pdf

John Norton: Do you have to notify Colorado Department of Transportation (CDOT) or anyone of transport of waste?

Bruce Huenefeld: The waste management company does it.

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Subcommittee Updates -

Permitting Working Group – Irene Kornelly

- Permit Mod # 74 was discussed. It is a request for outside storage space for munitions bodies that have been treated in the Munitions Treatment Unit and solid phase hazardous waste, energetics and hazardous wastes. The comment period for the modification is December 12, 2015. The stages of other permit modifications were also discussed.

Biotreatment Utilization Working Group (BUG) John Norton

Detailed explanations of lab testing were given. A BUG meeting will be November 19, 2015 at 1 Jetway Court.

Closing and Adjournment

Next Subcommittee meetings are tentatively scheduled:

December 9, 2015 at 2:00pm

District Attorney’s Conference Room

Tentative Date for next CAC meeting: December 9, 2015 at 6:00PM

Olde Towne Carriage House