

**Citizens' Advisory Commission's (CAC) Meeting
Olde Towne Carriage House, Pueblo
01/30/2013**

Approximately 42 individuals representing the Citizens' Advisory Commission (CAC), Pueblo Depot Activity Development Authority, Chemical Stockpile Emergency Preparedness Program, Colorado Department of Public Health and Environment (CDPHE), Pueblo Chemical Agent-Destruction Pilot Plant (PCAPP), Pueblo Chemical Depot (PCD) and City-County Health Department were in attendance at this meeting held at the Olde Towne Carriage House in Pueblo. Approximately six citizens and a representative from U.S. Rep. Scott Tipton's office were also in attendance.

The meeting was called to order by Irene Kornelly, CAC chair, at 5:57 p.m.

The December meeting minutes were approved without correction and can be found on the CAC's webpage at <http://tinyurl.com/CO-ChemDeMil-CAC>

No legislative updates were provided.

Kevin Blöse, regulatory liaison, office of the PCD commander, provided a depot update on behalf of Lt. Col. Greenhaw. Blöse said that Greenhaw has been involved in a Staff Assistance Visit this week in preparation for the depot's Surety Management Review which will be held in April. For the past six months, depot staff has been preparing to support PCAPP operations. A big milestone will be achieved when a *Time and Motion* study will be held the second week in March. For the study, an igloo will be set up to look like a G-block igloo and the ATE munitions will be moved on pallets. An overpacked pallet will be moved in a Modified Ammunition Vehicle. Timed dry runs will be held for several days.

In an effort to decrease operational costs, PCD's Combat Café closed last week. Also, chemical operations personnel are being moved from outlying areas to an area adjacent to the PCD Fire Station.

Kornelly asked if current budget constraints would impact PCD. Lt. Col. Greenhaw responded that currently there is a hiring freeze, but the freeze has some exceptions. The exceptions are currently being worked through.

Doug Knappe, unit leader, Hazardous Waste Permitting Unit, CDPHE, reported that current permitting activities include facilities construction certification for PCAPP and permit renewals and requests by PCD for additional units to support PCAPP.

Carla Hendrickson, education outreach specialist, provided an overview of the program she provides to school children. The presentation included overviews of the history presentation, as well as an engineering design activity and a hands-on chemistry reaction science lesson which utilized small interlocking cubes. The presentation was well received, with attendees showing particular interest in the cubes. Blöse took a set in order to share the activity with his staff. Bruce

Huenefeld, PCAPP site project manager, and Knappe each built models. Kornelly is entertaining the idea of taking a set with her to The Hague in the spring.

In Jeannine Natterman's absence, the outreach office staff provided audio/visual support.

Huenefeld and Doug Omichinski, Bechtel Pueblo Team project manager, provided a project update. Huenefeld commented that it is going to be a "big year for systemization." Omichinski reported that while construction was declared complete on Dec. 12, 2012, the paperwork continues for CDPHE. He said that 27 construction workers remain on the project to complete some 2,000 punch list items. The decrease in the construction crew has reflected a decrease in recordable safety rates. The project set a record in recordable safety rates last year, being the lowest in the history of chemical demilitarization. Risks have been reduced as the project moves further into testing.

Omichinski said that "packages" are being put together for CDPHE for Facilities Construction Certification. A lot of documentation revolves around coatings, which serve as secondary containment. CAC member Ross Vincent asked how the coatings are related to containment. Omichinski said that epoxy coatings reduce penetration into concrete.

With systemization in full swing, there has been movement from pre-commissioning to commissioning in some areas, including the start-up of utilities.

The PCAPP Laboratory is gearing up for operations, with current activities including certification of equipment and the training of technicians. The PCAPP Training Facility opened.

There will be a ramp up in hiring during the next two years with some positions being filled with employees from the baseline sites. Approximately 1,200 employees will be on-board prior to the start-up of operations. Many of the positions will be advertised through the PCAPP employment website.

Kornelly asked how the budget will impact PCAPP hiring. Huenefeld echoed what Lt. Col. Greenhaw said, exceptions will be asked for certain positions. Huenefeld also said that the continuing resolution and lack of military construction money could potentially delay systemization activities. Kornelly asked how the budget constraints would impact the selection of an Explosive Destruction Technology/System. Huenefeld responded that it is not known at this time.

Kornelly reported that a Permitting Working Group meeting was not held this month, but a meeting will be held on Feb. 27 at the District Attorney's Conference Room at 2 p.m.

The meeting was adjourned at 6:41 p.m.

The next CAC meeting is scheduled for Feb. 27 at 6 p.m. The location is yet to be determined.

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Citizens' Advisory Commission's (CAC) Meeting
PCAPP Training Facility
02/27/2013

Approximately 32 individuals representing the Citizens' Advisory Commission (CAC), Pueblo Depot Activity Development Authority, Chemical Stockpile Emergency Preparedness Program, Colorado Department of Public Health and Environment (CDPHE), Environmental Protection Agency Region 8, Federal Emergency Management Agency Region VIII, Pueblo Chemical Agent-Destruction Pilot Plant (PCAPP), Pueblo Chemical Depot (PCD) and City-County Health Department were in attendance at this meeting held at the PCAPP Training Facility in the Pueblo Memorial Airport Industrial Park. Approximately three citizens and representatives from U.S. Sen. Michael Bennet and U.S. Rep. Scott Tipton's office were also in attendance.

Although not in attendance at the meeting, Michelle San Miguel, reporter, KRDO-TV, toured the training facility and conducted interviews for a report that appeared on the 10 p.m. news that evening.

The meeting was called to order by Irene Kornelly, CAC chair, at 5:59 p.m.

The January minutes were approved with one correction and can be found on the CAC's webpage at <http://tinyurl.com/CO-ChemDeMil-CAC>

No project updates were provided.

Lt. Col. Timothy Greenhaw, PCD commander, provided a depot update. He spoke about what sequestration means to the depot. He reported that PCD has slowed spending in preparation for the worst. The depot has instituted a hiring freeze, and is preparing to terminate its temporary employees. The goal is to reduce base expenditures by 30 percent, delaying restoration and repair of facilities. Greenhaw said that the reduction in spending will potentially affect the depot's readiness for PCAPP. Depot staff is reviewing contracts for savings without harming its mission. The commander said that he will not compromise safety to the workforce, public and environment. Kornelly asked what kind of support the depot is getting from Chemical Materials Activity. Lt Col. Greenhaw said that he is receiving full support. The organizations are working to identify risks and how to handle their missions with furloughs. Kornelly asked if there would be less impact to employees who guard the stockpile. Greenhaw said there would be no exceptions. Doug Knappe, unit leader, Hazardous Waste Permitting Unit, CDPHE, asked the commander to notify state regulators if stockpile protection is affected. The commander agreed.

Knappe provided a permitting update, saying that work is being done to consolidate the contingency plan for PCD. He also reported that CDPHE continues to provide oversight to PCAPP.

Bruce Huenefeld, site project manager, said that PCAPP is also experiencing a hiring freeze and that an exception request has been submitted. He reported that the continuing resolution has

allowed for systemization work to proceed. Huenefeld is ready to execute contingency scenarios, if the field office is hit with furloughs, saying that a staggering scheduling, allowing for full oversight of the project, would be implemented.

Doug Omichinski, Bechtel Pueblo Team (BPT) project manager, reported 249 safe work days as of Jan. 31. Twenty seven construction workers remain on the project to complete punch list items. Omichinski said that staffing was on target; that the utility systems are up and running and equipment in the control room is being tested. The project manager said that this would be his last CAC meeting as he will be joining the Blue Grass Bechtel Parsons team, and that Rick Holmes, BPT project manager, will take over on May 1. Huenefeld lauded Omichinski for his work on the project. Terry Hart, CAC vice chair, thanked Omichinski for his work with the CAC.

Kornelly provided an overview of the Permitting Working Group (PWG) meeting held earlier in the day, saying that three different permit modification requests, the *PCAPP Contingency Plan*, the *PCAPP Closure Plan*, and *Brine Concentrator Feed Tank Nozzles*, were reviewed. The presentations are located on CDPHE's website.

The next meeting will be held on April 24 at McHarg Park Community Center in Avondale. It is not known if a PWG meeting will be held.

Kornelly urged meeting attendees to tour the training facility tour*.

The meeting adjourned at 6:33 p.m.

*Tours of the PCAPP Training Facility began at 5 p.m. and continued after the CAC meeting adjourned.

Citizens' Advisory Commission's (CAC) Meeting
McHarg Park Community Center
04/24/2013

Approximately 36 individuals representing the Citizens' Advisory Commission (CAC), Pueblo Depot Activity Development Authority, Chemical Stockpile Emergency Preparedness Program, Colorado Department of Public Health and Environment (CDPHE), Environmental Protection Agency Region 8, Pueblo Chemical Agent-Destruction Pilot Plant (PCAPP), Pueblo Chemical Depot (PCD) and Pueblo County Planning and Development were in attendance at this meeting held at McHarg Park Community Center in Avondale. Approximately eight citizens and representatives from U.S. Sen. Mark Udall and U.S. Rep. Scott Tipton's office were also in attendance.

The meeting was called to order by Irene Kornelly, CAC chair, at 6 p.m.

The February minutes were approved and can be found on the CAC's webpage at <http://tinyurl.com/CO-ChemDeMil-CAC>

Kornelly announced an open house planned at the Pueblo Chemical Stockpile Outreach Office for May 1 at 9 a.m.

Kornelly then reported on her trip to The Hague to attend the Chemical Weapons Review Conference. She said that she attended the first week of the two-week conference. The major themes of the conference were: the alleged use of chemical weapons in Syria; destruction programs in the U.S. and Russia; the universality of the treaty; the re-emergence of chemical weapons; the use of chemical in riot control and victims of chemical weapon attacks.

Lt. Col. Timothy Greenhaw, PCD commander, provided a depot update. He said that the depot had just completed the U.S. Army Materiel Command Chemical Surety Management Review. The depot showed improvement from last inspection. Greenhaw mentioned upcoming events, including the Chemical Stockpile Emergency Preparedness Program Exercise and the visit by the Organisation for the Prohibition of Chemical Weapons Executive Council.

Scott Susman, systems engineering and operations, PEO ACWA, reported that a decision had been made regarding the technology chosen to process leakers and overpacked munitions. Explosive Destruction System (EDS) was the selected technology based on cost, schedule and technical merits. Originally 13,000 rejects and leakers were projected for PCAPP; however, when other chemical demilitarization sites were reviewed, it was determined that a more realistic number for the Pueblo plant is 1,300. Two EDS units are planned for the site: one for primary use and the second as a backup. More details on the EDS, and improvements made to it, will be provided during the May 29 Permitting Working Group meeting.

Doug Knappe, unit leader, Hazardous Waste Permitting Unit, CDPHE, reported on permitting activities, saying that state health department continues to provide construction oversight of PCAPP. He said that state has provided construction certification on the Agent Filtration Area and continues to review and certify other areas of the plant. He said that the Class 2 Permit Modification, which includes operating details, a contingency and a closure plan, is being reviewed. Permit activities at PCD include drafts on

four igloos. Knappe also mentioned the “inadvertent” shipment of low level chemical waste which was shipped from Anniston to Pueblo. No questions were asked pertaining to permitting activities.

Bret Griebenow, Bechtel Pueblo Team (BPT) deputy project manager, spoke about project safety. He said that the safety initiative during systemization is led by the QuEST (Quality, Safety, Environmental, and Toxic Area Excellence) team and this employee-led group is the best mechanism for getting to the grass-roots level for encouraging safety. He said that after a review from staff of other baseline sites, the team plans to apply to for Voluntary Protection Program award for safety efforts during systemization. Kornelly observed that “complacency” has been a factor that contributed to mistakes being made at other sites. Griebenow explained that the QuEST is a mechanism to prevent complacency in the work place. Griffin, CAC member, commended the project for its safety record.

Bruce Huenefeld, site project manager, reported on funding, saying that the Continuing Resolution passed, which provides funding for the rest of this year. He said that despite the five to nine percent reduction in Military Construction funding, he is confident that there will be enough money to complete punch list and exclusion items and to cover EDS construction. Huenefeld also introduced new outreach manager David Ortiviz and invited meeting participants to the open house scheduled for May 1.

Rick Holms, BPT deputy project manager, reviewed safe hours worked and staffing numbers. He announced the job symposium scheduled for April 29 at the Pueblo Convention Center, saying that laboratory, operations and maintenance staff will be on hand and that human resource staff from BPT’s teaming partners will discuss employment opportunities.

Holmes said facility construction certification continues, as do commissioning and startup activities. He said that 18 systems have not yet been turned over. He also reported that between 100 and 1,000 training experiences occur every week at the PCAPP Training Facility. Griffin expressed concern for the electrical workers being released from the project and further expressed his desire to see the project provide training and education for displaced workers.

Knappe wondered how facilities would be repaired or maintained without Military Construction funding in FY 2014. Huenefeld said that repairs and maintenance and be paid for with Research Development Test and Evaluation funding. He said that if Military Construction funding is needed, it could be asked for through PEO ACWA.

An electrician asked questions regarding electricians who are called back to complete punch list items and the requirement for these employees to complete Site Worker Training. He expressed a desire for BPT to establish in timeframe for which the training is good so that “call backs” might not have to take the training again.

Kornelly announced that the next Permitting Working Group meeting would be held in conjunction with the Class 2 Permit Modification meeting. The joint meetings will be held May 29 at the District Attorney’s conference room. The CAC meeting, scheduled for the same day, will be held at the Olde Towne Carriage House.

The meeting adjourned at 7:06 p.m.

**Citizens' Advisory Commission's (CAC) Meeting
Olde Towne Carriage House
05/29/2013**

Approximately 39 individuals representing the Colorado Chemical Demilitarization Citizens' Advisory Commission (CAC), Chemical Materials Activity (CMA), Pueblo Depot Activity Development Authority, Chemical Stockpile Emergency Preparedness Program, Colorado Department of Public Health and Environment (CDPHE), Environmental Protection Agency Region 8, Pueblo Chemical Agent-Destruction Pilot Plant (PCAPP), Pueblo Chemical Depot (PCD) and Pueblo Chemical Stockpile Outreach Office (ORO) attended this meeting held at Olde Town Carriage House in Pueblo. Approximately five citizens also attended.

The meeting was called to order by Irene Kornelly, CAC chair, at 6 p.m.

Kornelly first discussed a recent visit to PCAPP by members of the Organisation for the Prohibition of Chemical Weapons.

The April 24 minutes were approved and can be found on the CAC's website at <http://www.colorado.gov/cdphe/cocac>

Dan Hancock, deputy commander, presented the PCD update for Lt. Col. Timothy Greenhaw, PCD commander, who did not attend. Hancock discussed the impacts of pending furloughs on PCD workforce, which begin in July.

Doug Knappe, unit leader, Hazardous Waste Permitting Unit, CDPHE, reported on permit requests made to the state. Knappe indicated CDPHE was working with Bechtel on a certification package.

Renee Martinez, public outreach specialist, reported on the ORO's public involvement activities over the past six months. She said through education outreach programs, more than 7,000 students had been presented with information on PCAPP. Martinez reported on the various methods of information distribution and noted that Facebook and Twitter posts reached a large audience due to sharing posts and re-tweets.

Steven Bird, PCD Explosive Destruction System (EDS) project lead, gave a presentation on the PCD EDS. He detailed how the PCD EDS would be used to safely destroy more than 1,300 over packs and leakers. John Thatcher, CAC member, inquired about water usage and recycling effort planned with this technology. Bird indicated the water would not be recycled. He said about 110 gallons will be used with each shot. Bruce Huenefeld, PCAPP site project manager, put that amount into perspective by informing Thatcher about 20,000 gallons of water would be used over the life span of PCD EDS. By comparison, PCAPP will use about 77,000 gallons of water a day.

Citizens raised several questions about PCD EDS, including how the waste water would be treated and stored—and why monoethanolamine was being used by this technology.

Velma Campbell, citizen, brought up concerns about the amount of manual labor involved in PCD EDS. She said “one violin string” the community was sold one when exploring options, was the assurance that EDS would prevent manual handling of munitions. Bird indicated since leakers and rejects could not be destroyed at PCAPP, the EDS is the best option although it requires more physical handling of munitions by the workforce.

Ross Vincent, CAC member, asked how air pollutants from PCD EDS would be handled. Bird explained the all the air inside the PCD EDS and environmental enclosure would pass through double carbon filter with a monitoring bank to ensure no agent was released.

Campbell questioned why the water used by PCD EDS had to leave the site as hazardous waste, instead of being treated at PCAPP. Bird explained CMA was looking into whether that waste water could be recycled. Doug Knappe indicated there is some risk of putting it into the Biotreatment system at PCAPP. For now, it’s proposed the water will be transported in drums to an off-site permitted location.

Kornelly asked what type of Personal Protective Equipment would be required with PCD EDS. Bird responded workers would use Level B equipment, which is set by the Occupational Safety and Health Administration (OSHA).

Kornelly asked where the PCD EDS would be located. Bird responded CMA is looking at the 491 area at PCD; however, no decisions have been finalized.

Bird also explained a majority of the overpacks are not true leakers.

Bruce Huenefeld, PCAPP site project manager, reported on funding for PCAPP. Rick Holmes, PCAPP Bechtel Pueblo Team project manager, outlined recent activities at the plant. His presentation included information on safety, staffing, construction certification metrics, systemization, a recent job symposium, the annual Chemical Stockpile Emergency Preparedness Program exercise, and testing of the Project Mortar Disassembly System.

Kornelly asked Holmes about the proposed modifications to the personnel training plan, which was discussed earlier in the day at the Permitting Working Group meeting. Kornelly asked what qualifications and standards are expected of potential employees in that training process. Holmes explained the level of training and certification depends on the position. He added, the workers must pass a test and demonstrate proficiencies.

Kornelly announced that the next CAC meeting will be held on June 26, 2013 at 6 p.m. at Olde Towne Carriage House in Pueblo.

The meeting adjourned at 7:08 p.m.

Citizens' Advisory Commission (CAC) Meeting
Olde Towne Carriage House
06/26/2013

Approximately 33 individuals representing the Colorado Chemical Demilitarization Citizens' Advisory Commission (CAC), Chemical Stockpile Emergency Preparedness Program (CSEPP), Colorado Department of Public Health and Environment (CDPHE), Pueblo Chemical Agent-Destruction Pilot Plant (PCAPP), Pueblo Chemical Depot (PCD) and Pueblo City-County Health Department attended this meeting held at Olde Town Carriage House in Pueblo. Approximately three citizens also attended.

Irene Kornelly, CAC chair, called the meeting to order at 6 p.m.

Following introductions, the commission approved the minutes from the May 29 CAC meeting.

The commission voted to retain Kornelly as chair and Terry Hart as vice chair of the CAC. The board also approved changing the September CAC meeting date from Sept. 25 to Sept. 18.

Kornelly said she recently attended a CSEPP conference in Blue Grass, Ky., and toured the Blue Grass Chemical Agent-Destruction Pilot Plant.

Kornelly introduced Lt. Col. Michael S. Quinn as the new PCD commander.

Dan Hancock, deputy commander, PCD, announced that furlough notices were handed out to approximately 325 employees effective July 11. As part of the furloughs, PCD will be closed every Thursday through the end of September. Hancock also explained the depot workforce is off on Fridays as part of a normal schedule.

Doug Knappe, unit leader, Hazardous Waste Permitting Unit, CDPHE, said PCD personnel recently held a permit renewal meeting and hoped to have a draft permit at the end of July. Knappe explained PCD officials continue to talk about permitting for the Explosive Destruction System and the repacking efforts for overpacked munitions.

Bruce Huenefeld, site project manager, PCAPP, said furlough notices had been given to government workers at the plant. Huenefeld also mentioned PCAPP has received all of its requested funding for the year and is in the process of executing that funding. Huenefeld has also submitted the fiscal year 2014 budget request. Ross Vincent, CAC member, asked Huenefeld why PCAPP was cutting back on staffing hours, if the entire budget request was approved. Huenefeld responded he was following U.S. Defense Sec. Chuck Hagel's direction for the Department of Defense to furlough workforce. Ross continued to question why the agency would direct PCAPP on how to spend money, in which Huenefeld said he could not further explain.

Rick Holmes, project manager, Bechtel Pueblo Team (BPT) gave an update on PCAPP's safety data, systemization process, staffing levels, coating process and announced the arrival of the Automated Guided Vehicles.

Vincent said he was concerned about the percentage of locally hired employees at PCAPP. Vincent said he felt that number, 189 employees from Pueblo County or 26 percent of the total workforce, was low. Holmes felt that number would increase as the BPT continues to ramp up hiring, which would include another job fair in Pueblo. Ken Griffin, CAC member, told Holmes he thought the first job symposium was successful and felt the hiring process was going in the right direction.

Kornelly asked if the hot temperature would impact the integrity of the newly applied coatings on tanks. Holmes explained work was stopped for the day because outdoor conditions were too hot for workers, but that the heat does not impact the coating's ability to adhere to the tanks.

Kornelly explained the Permitting Working Group (PWG) would likely continue its regular meetings for the remainder of the year. Kornelly provided an update from the PWG meeting earlier in the day, in which PCAPP staff presented permit modification requests for the Hazardous Preparedness and Prevent Plan, and the Corrosion Monitoring Plan.

Kornelly asked if anyone had additional questions in which there was no response.

Kornelly announced that the next CAC meeting will be held on July 31, 2013 at 6 p.m. at Olde Towne Carriage House in Pueblo.

The meeting adjourned at 6:31 p.m.

**Citizens' Advisory Commission's (CAC) Meeting
Olde Towne Carriage House
07/31/2013**

Approximately 35 individuals representing the Colorado Chemical Demilitarization Citizens' Advisory Commission (CAC), Chemical Stockpile Emergency Preparedness Program (CSEPP), Colorado Department of Public Health and Environment (CDPHE), Environmental Protection Agency (EPA) Region 8, Pueblo Chemical Agent-Destruction Pilot Plant (PCAPP), Pueblo Chemical Depot (PCD), Pueblo County Planning and Development and Pueblo Depot Activity Development Authority attended this meeting held at Olde Town Carriage House in Pueblo, Colo. Three citizens also attended.

Irene Kornelly, CAC chair, called the meeting to order at 6:02 p.m. Following introductions, the commission approved the minutes from the June 26 CAC meeting.

Kornelly shared news that the U.S. House of Representatives recently passed a Department of Defense (DOD) Appropriations Bill. She provided a detailed breakdown of proposed funding for CSEPP, military installations and other DOD divisions. Kornelly also noted the bill must still be reviewed and approved by the U.S. Senate.

Lt. Col. Michael Quinn, commander, PCD, announced depot workers have narrowed their search for a leaking munition to a pallet of eight rounds. Quinn said although crews were not able to visually detect any leakage, crews have successfully contained the eight rounds and will continue to monitor them until the leaking projectile is identified.

Doug Knappe, unit leader, Hazardous Waste Permitting Unit, CDPHE, provided an update on various PCAPP permit modifications, including construction oversight activities and systemization and pilot testing activities. Knappe also mentioned CDPHE was working on a PCD permit to provide an additional storage igloo to support chemical demilitarization activities.

Bruce Huenefeld, site project manager, PCAPP, highlighted a presentation he provided earlier in the day to leadership of the Pueblo Workforce Center. Huenefeld said he gave the group an update on progress and job opportunities at PCAPP. Terry Hart, member, CAC, who attended the presentation, said Huenefeld did an incredible job outlining the project.

Rick Holmes, project manager, Bechtel Pueblo Team (BPT), provided a PCAPP update. Holmes provided updated employment data, outlining that BPT currently employs 203 construction workers and 757 non-manual employees for a total of 960 team members. Construction workers continue to focus on applying a protective coating to surfaces throughout the plant according to Holmes.

Kornelly gave a briefing from the Permitting Working Group (PWG) meeting held earlier in the day. Kornelly noted the group discussed PCAPP permit modifications; an update on the renewal of PCD's Resource Conservation and Recovery Act permit; and a report

recently released by the National Research Council called the *Review of Biotreatment, Water Recovery, and Brine Reduction Systems for the Pueblo Chemical-Agent Destruction Pilot Plant*. Additionally, Kornelly noted the PWG discussed a permit update on PCD's Explosive Destruction System (EDS). Kornelly said CDPHE is expected to issue a draft EDS permit as early as Oct. 1, which would be followed by two public comment periods.

Kornelly confirmed dates for the Sept. 18 PWG meeting, scheduled for 2 p.m. at the District Attorney's office, and the Sept. 18 CAC meeting, scheduled for 6 p.m. at the community center in Boone.

Kornelly also noted that a PWG meeting may or may not be held next month, but has been tentatively scheduled for Aug. 28. She also mentioned a Class 2 permit modification meeting is scheduled from 4 p.m. to 6 p.m. on Aug. 22 at the Pueblo Chemical Stockpile Outreach Office.

The meeting adjourned at 6:24 p.m.

**Citizens' Advisory Commission's (CAC) Meeting
Olde Towne Carriage House
09/18/2013**

Approximately 29 individuals representing the Colorado Chemical Demilitarization Citizens' Advisory Commission (CAC), Chemical Stockpile Emergency Preparedness Program (CSEPP), Colorado Department of Public Health and Environment (CDPHE), Federal Emergency Management Agency (FEMA) Region VIII, Pueblo Chemical Agent-Destruction Pilot Plant (PCAPP), Pueblo Chemical Depot (PCD), Pueblo City-County Health Department and Pueblo Depot Activity Development Authority attended this meeting held at the Boone Community Center in Boone, Colo. Six citizens also attended.

Irene Kornelly, CAC chair, called the meeting to order at 5:58 p.m. Following introductions, the commission approved minutes from the July 31 CAC meeting.

The meeting began with a presentation from Doug Becvar, FEMA Region VIII, CSEPP section chief, and Mark Mears, chief, Pueblo County Emergency Services Bureau. Becvar and Mears recognized John Sigler, Boone fire chief, and Barbra Berry, Boone town clerk, for their help with the 2013 CSEPP Exercise. Becvar said that FEMA practices a *whole community approach* and the town exhibited that during the exercise.

Paul Dent, PCAPP Operational Readiness Review (ORR) manager, provided a presentation describing what the ORR is as well as the process and steps taken to achieve readiness for initial agent operations. Dent explained the Bechtel Pueblo Team (BPT) leads the ORR process to declare readiness and said the goal of ORR is to validate that people, paper and plant are ready for operations. The Program Executive Office, Assembled Chemical Weapons Alternatives (PEO ACWA) will provide oversight and independent validation to support BPT's declaration of readiness. The stages of ORR begin with plant readiness (system start-up, testing and turnover to operations), move into paper readiness (approval of permits, plans, procedures), then into people readiness (training and certifying the workforce), before reaching Integrated Operations Demonstration Readiness. Readiness will be defined in cascading levels derived from safety/environmental regulations, Army regulations and guidance as well as industry standards. Conrad Whyne, program executive officer, ACWA must give BPT his concurrence on the plant's declaration of readiness.

Meeting attendees asked no questions.

Kim Jackson, PCAPP operations manager, and George Lecakes, PCAPP chief scientist, provided an overview of the Pilot Test Demonstration. Lecakes provided an overview of the neutralization follow by biotreatment process, to which Ross Vincent, CAC member, expressed his gratitude for "the best explanation of the process he had ever heard."

Jackson said that once the plant goes into agent operations, employees will take a crawl, walk, run approach. The goal of the PCAPP Pilot Test Demonstration is to demonstrate the criteria and conditions to protect human health and the environment. Its objectives are to: 1) demonstrate

agent removal, neutralization and related sampling and analysis; 2) demonstrate munition body treatment; 3) establish bounding operating ranges and set points critical to agent removal, munition body treatment and neutralization operations; 4) demonstrate energetics removal and establish bounding operating ranges and set points; 5) validate monitoring protocols for equipment and work areas in the Enhanced Reconfiguration Building and Agent Processing Building; 6) validate treatment and monitoring protocols for disposition of dunnage, energetics and miscellaneous waste; 7) demonstrate removal of thiodiglycol and document removal of organic compounds from hydrolysate waste streams; 8) demonstrate systems can operate safely, supporting the schedule; 9) demonstrate integrated facility operations with agent and energetics to verify compliance with safety, surety and security; integrated system operability; emission requirements; handling and movement of munitions; sampling and analysis protocols; decontamination operations; maintenance activities; waste handling and disposition and dust and odor control; 10) validate monitoring protocols for detecting agent, and 11) demonstrate off-gas treatment performance.

To execute the plan, Jackson said the plant will conduct block testing, consisting of systems, fit and function. Block 1 includes baseline and enhanced reconfiguration; block 2, munitions body treatment; block 3, agent collection and neutralization; block 4, hydrolysate treatment and water recovery; block 5, supplemental decontamination units and autoclave; and block 6, off-gas treatment. Each block will include testing (intended to define optimal operating parameters), ramp-up (to illustrate the capability of personnel and equipment), and demonstration (to show the capability of each process system).

Jackson said that the Explosive Destruction System (EDS) has been removed from PCAPP's scope and contaminated energetics and in-process leakers and rejects will be sent to G-block for subsequent processing in the government system.

Vincent questioned a reference to H-block. Lecakes explained that H-block will store waste streams generated by the plant but that are not contaminated.

John Thatcher, CAC member, asked how the "bugs" will be keep cool and hot. Lecakes said that the Immobilized Cell Bioreactors (ICB) are insulated and recirculate to keep the bugs cool. They will be heated with steam during the winter months. He explained that during systemization, the ICBs will be filled with water to achieve a thermal profile.

Citizen Alvin Rivera asked if water access will be a problem. Sigler also asked if enough water was available to meet project needs. Lecakes replied that there was enough water and that the project would utilize less than 40 percent of the allowance specified by the government in BPT's contract.

Lt. Col. Michael Quinn reported that furloughs had been lifted at PCD and the staff is back to normal operating hours.

Doug Knappe, unit leader, Hazardous Waste Permitting Unit, CDPHE, provided an update on various PCAPP permit modifications. He said that coatings for secondary containment were nearing completion and that facility construction certification by a third party continues. Knappe

also mentioned CDPHE was working on a PCD permit to provide an additional storage igloos to support chemical demilitarization activities. The comment period on the PCD permit closes Oct. 21.

Bruce Huenefeld, site project manager, recognized that Sept. 18 marked the ninth anniversary of groundbreaking at PCAPP. He said there's been tremendous progress in the nine years since groundbreaking and emphasized the plant's Star Status in OSHA's Voluntary Protection Program. Huenefeld said that construction work continues in the way of electrical terminations, security and coatings.

Rick Holmes, BPT project manager, provided updated employment data, outlining that BPT currently employees 194 construction workers and 808 non-manual employees for a total of 1,002 team members.

Terry Hart, CAC vice chair, pointed out only 24 percent of those employees are local hires. He said that he felt that 24 percent was "an all-time low," and that he and others are frustrated that the plant is "not putting Puebloans to work." He said PCAPP leadership assured the CAC locals would be hired, but noted PCAPP is bringing in staff from other plants. Holmes replied that although there is a desire to bring in managers with "demil" experience, he felt that the project had reached a "tipping point" in that the positions for workers from other sites have been filled. Holmes said that he supports Huenefeld's desire to hire locals and that he encourages locals to apply and reapply. Holmes reminded the CAC of security and security requirements for munition handlers and other positions. Ken Griffin, CAC member, said that he is hearing the same grumblings in the community and feels that locals should be "given an edge" when applying. Holmes said that he is confident that locals are being hired and said he is aware of locals who have moved from construction positions into maintenance and electrical technician positions. Hart said that he wants to see the history with statistics on local hires. Griffin recognized the PCAPP team for their work with the Pueblo Workforce Center. Lecakes mentioned that internships are available for college students; oftentimes, resulting in employment at the plant.

Kornelly provided an overview of the Permitting Working Group (PWG) meeting held earlier in the day. She said that Steve Bird, PCAPP EDS project leader, will discuss the EDS permit at the Oct. 30 PWG meeting. Kornelly said that the entire meeting would be devoted to EDS. The Nov. 13 PWG meeting will be dedicated to discussion of the PCAPP Pilot Test Demonstration Plan.

Griffin asked if the events in Syria were causing problems for the project. Huenefeld responded that while no problems exist locally, it has generated a lot of media interest. Lt. Col. Quinn said that inquiries are being handled by the Pentagon.

The next CAC meeting will be held on Oct. 30 at the Olde Towne Carriage House in Pueblo. The CAC will not meet in November.

The meeting adjourned at 7:16 p.m.

Citizens' Advisory Commission's (CAC) Meeting
Olde Towne Carriage House
10/30/2013

Approximately 31 individuals representing the Colorado Chemical Demilitarization Citizens' Advisory Commission (CAC); Colorado Department of Public Health and Environment (CDPHE); Joint Project Manager-Elimination (Provisional) (JPM-E (P)); Leidos; Program Executive Office, Assembled Chemical Weapons Alternatives (PEO ACWA); Pueblo Chemical Agent-Destruction Pilot Plant (PCAPP); Pueblo Chemical Depot (PCD) and Pueblo County Planning and Development attended this meeting held at the Olde Towne Carriage House in Pueblo, Colo. No citizens attended.

Irene Kornelly, chair, CAC, called the meeting to order at 6:01 p.m. Following introductions, the commission approved minutes from the Sept. 18 CAC meeting.

The meeting began with a presentation from Steve Bird, PCAPP Explosive Destruction System (EDS) Project Lead, JPM-E (P). Bird provided details regarding the construction and planning efforts to support PCAPP EDS. Bird explained PCAPP EDS would destroy an estimated 1,366 overpacked leaking and reject munitions. He described the destruction process and stated a Colorado Springs contractor, Komada, LLC, would oversee site construction slated to begin in February 2014 and end in July 2014. Bird explained PCAPP EDS would consist of two destruction units, P2R and P2A, as well as a command post, treaty trailer, laboratory and entry control facility, to name a few of the facilities. Bird concluded his presentation and no questions resulted.

Lt. Col. Michael Quinn, commander, PCD, provided a PCD update and mentioned the partial government shutdown, commonly referred to as sequestration, temporarily impacted about one-third of his workforce, but noted that all depot employees returned to their normal schedules beginning Oct. 6, 2013.

Doug Knappe, unit leader, Hazardous Waste Permitting Unit, CDPHE, discussed ongoing permitting efforts, including a permit modification request for PCAPP EDS. He also mentioned the state was working with the site to learn more about systemization efforts in order to better understand plant operations.

Scott Susman, systems engineering and operations, PEO ACWA, then led a discussion regarding PCAPP's energetics disposal options. Susman explained that Conrad Whyne, Program Executive Officer, PEO ACWA, would decide how to dispose of the energetics after considering input from PWG members, who also serve as CAC members, and after the selection of an Explosive Destruction Technology for the Blue Grass Chemical Agent-Destruction Pilot Plant. Kornelly proposed that PWG members meet on Nov. 13, 2013, prior to the 2 p.m. PWG meeting to discuss disposal options. At the PWG meeting earlier in the day, Kornelly informed Susman the group would make their recommendation to Whyne before Thanksgiving Day.

Susman explained PEO ACWA is considering two main off-site disposal technologies, the Commercial Treatment, Storage, Disposal Facilities (TSDF) and the Anniston Static Detonation Chamber (SDC). Susman explained the pros and cons associated with both TSDF and SDC, including cost, potential risk and schedule.

John Thatcher, member, CAC, asked how many semi-truck loads would be necessary to transport all of the energetics. Susman did not have that information readily available. Thatcher also asked how many states the trucks would travel through before reaching their final destination. Susman explained under the current proposals the energetics could be shipped to either Alabama or Missouri. Kornelly asked if the items could be shipped to the Hawthorne Army Depot in Nevada. Susman stated PEO ACWA contacted about a dozen off-site disposal sites, but not all locations wanted to accept the energetics.

The next discussion topic included a PCAPP update from Bruce Huenefeld, site project manager, PCAPP, and Rick Holmes, project manager, Bechtel Pueblo Team. Huenefeld pointed out that local hiring efforts continue, however there's an issue with the low number of local people applying for PCAPP jobs. Holmes pointed out there are currently 197 Pueblo County hires employed at the site. Holmes provided an example of the small pool of local applicants, explaining that of 16 positions filled in October, seven applicants were from Pueblo and three were ultimately hired. Holmes explained that Pueblo job seekers have been eliminated from the hiring process in the past because they may not have the required experience or, in some cases, have failed to show up for the job interview. To raise awareness of local hiring efforts, Holmes announced PCAPP would host a job symposium at the Pueblo Convention Center on Nov. 13, 2013, and PCAPP would advertise the event in *The Pueblo Chieftain* several days in advance. He also reminded CAC members that job seekers could access job links on public computers at the Pueblo Chemical Stockpile Outreach Office. Terry Hart, vice-chair, CAC, said he applauded all of these efforts and asked Holmes to research how job seekers are learning about current job openings. Ross Vincent, member, CAC, also requested data on the number of workers who have worked at other chemical demilitarization sites. Meanwhile, Kornelly stated it's also important to consider the number of workers who have moved to Pueblo and bought houses in the community thereby benefiting the local economy.

Holmes then provided a chart highlighting the projected milestones leading up to the completion of systemization in September 2015 and noted that the PCAPP laboratory recently achieved one step toward readiness for operations. Kornelly asked if the U.S. Congress would need to approve the start of operations. Holmes responded that based on his past experience, PEO ACWA would notify Congress, but would not need approval to begin operations. Finally, Holmes explained and reviewed recommendations and observations from a National Research Council report; PCAPP's involvement in a student leadership program with Colorado State University-Pueblo; workforce safety training through the Hazard School Board program; and the Oct. 22 PCAPP tour for three CAC members. Kornelly thanked the PCAPP team for the tour, stating it helped them learn more about the biotreatment process.

Kornelly noted that Chris Hambric, field office environmental manager, PEO ACWA, gave a presentation at the PWG meeting earlier in the day, on the PCAPP EDS Record of

Environmental Consideration. Kornelly stated anyone who wanted further information should contact Lt. Col. Quinn.

Kornelly announced the next PWG meeting would be held at 2 p.m. on Nov. 13, 2013, at the District Attorney's Conference Room. The next CAC meeting will be held at 6 p.m. on Dec. 11 at the Olde Towne Carriage House in Pueblo. The CAC will not meet in November.

The meeting adjourned at 7:11 p.m.

Colorado Chemical Demilitarization Citizens' Advisory Commission's Meeting
Olde Towne Carriage House
12/11/2013

Approximately 37 individuals representing the Colorado Chemical Demilitarization Citizens' Advisory Commission (CAC); Colorado Department of Public Health and Environment (CDPHE); Colorado Stockpile Emergency Preparedness Program (CSEPP); Program Executive Office, Assembled Chemical Weapons Alternatives (PEO ACWA); PuebloPlex; Pueblo Chemical Agent-Destruction Pilot Plant (PCAPP); Pueblo Chemical Stockpile Outreach Office (ORO); Pueblo County Planning and Development and U.S. Army Pueblo Chemical Depot (PCD) attended this meeting held at the Olde Towne Carriage House in Pueblo, Colo. Three citizens also attended.

Irene Kornelly, chair, CAC, called the meeting to order at 6:07 p.m.

Kornelly first mentioned that 2014 CAC meetings would be held at 6 p.m. on the last Wednesday of every month. She said no meetings are scheduled in March or August and also noted that instead of holding separate meetings in November and December, a combined meeting will be held mid-December.

During quick updates, Kornelly said the U.S. Congress might finalize a U.S. Department of Defense bill before Christmas break.

Lt. Col. Michael Quinn, commander, PCD, delivered a PCD update as the first main agenda item. Quinn said that earlier in the day, he learned the plan to use Universal Storage Containers (USC) to repack overpacked munitions had been cancelled because the USCs didn't pass testing. Quinn said overpacked munitions would remain in their current containers to be destroyed in the PCAPP Explosive Destruction System (EDS).

Quinn said a preconstruction meeting was held earlier in the day, with Komada, LLC, of Colorado Springs. The U.S. Army Corps of Engineers in Huntsville, Ala., hired Komada to construct PCAPP EDS.

Ken Giffin, member, CAC, urged Quinn to hire as many local citizens as possible for the project. Giffin also questioned how the contract for PCAPP EDS was awarded and whether local sub-contractors would be eligible for project work. Quinn deferred his questions to the Army Corps and later stated that he would relay the CAC's concerns to them as well. Quinn mentioned that PCD has awarded \$4.3 million in contracts to six local businesses in the past year. Terry Hart, member, CAC, echoed Giffin's concerns. Hart said he wants to make sure PCAPP is using locally-hired labor during the entire project. He emphasized that this has been a critical issue in the community of Pueblo. Hart also said that under a labor agreement made years ago, the CAC was promised local labor would be used as part of the overall project with Bechtel National Inc. (BNI). Hart point out that PCAPP EDS will not be operated under BNI, however he said the project still needs to focus on hiring local job seekers.

Next, Doug Knappe, unit leader, Hazardous Waste Permitting Unit, CDPHE, provided PCD and PCAPP permitting updates. Knappe said next week, the state should issue a PCD renewal permit regarding container storage units and other corrective actions. Knappe mentioned CDPHE is also working with BNI personnel on the PCAPP permit, which he said included a large amount of facilities construction certification submittals.

Before the next formal presentation, the CAC heard from Carl Ballinger, coordinator, CSEPP, who briefly announced the 2014 CSEPP calendars were free and available on tables at the meeting.

The agenda continued with a presentation on the PCAPP three-dimensional models. Tom Schultz, public affairs specialist (PAS), PCAPP, presented an overview of the models which he said were made by workers at Aberdeen Proving Ground, Md., using a three-dimensional printing process. Schultz mentioned the models included small replicas of PCAPP's Projectile/Mortar Disassembly system and Munitions Washout System. He also said photos and a video of the models are available for viewing on the PEO ACWA website. Kornelly asked why the models would be housed at the personnel support building at PCAPP instead of another location which is more accessible to the public. Schultz explained the desire was to locate the models at the ORO but they were too large. Schultz also said PCAPP is still awaiting shipment of the models.

Next, Bruce Huenefeld, site project manager, PCAPP; and Rick Holmes, project manager, Bechtel Pueblo Team, provided a PCAPP update. Huenefeld highlighted the major PCAPP milestones in 2013, including the hiring of new managers, two job symposiums, the selection of EDS to augment PCAPP, and systemization activities. Holmes discussed PCAPP's mission readiness status, continued efforts to provide employment opportunities to local job candidates, the addition of a daily newsletter for employees, safety programs, compliance standards, community involvement, and 2014 project visions. Hart thanked Holmes for listening to the CAC's employment concerns and said the project was doing its best to hire locally. Griffin echoed Hart's sentiments, but mentioned that he was disappointed more people did not attend the second job symposium held at the Pueblo Convention Center in mid-November. Holmes said the project advertised the event in *The Pueblo Chieftain* and indicated that his team continues to focus on encouraging more local job seekers to apply for positions. Renee Martinez, public outreach specialist, ORO, added that she and Carla Hendrickson, education outreach specialist, ORO, have been providing monthly presentations to job candidates at the Colorado Works Jobs Club, which falls under the Department of Social Services in Pueblo County.

The discussion then shifted to a presentation on PCAPP's public involvement activities between Oct. 2012 and Sept. 2013. Martinez highlighted the ORO's accomplishments in reaching stakeholders and community members through public interactions, tours, meetings, briefings, information booths, media events, new employee orientations and education outreach activities. Martinez further illustrated the education outreach partnership with Rocky Mountain Public Broadcasting System by showing a video clip of Homework Hotline, a call-in show for students which includes science demonstrations from PCAPP engineers on a weekly basis. Finally, Martinez also outlined the various platforms for information dissemination, including social

media and electronic newsletters. Attendees asked no questions. Kornelly thanked Martinez for the presentation and said she thinks the ORO functions very well.

The last discussion focused on a recap of the Permitting Working Group (PWG) meeting held earlier in the day. Kornelly explained that Scott Susman, lead engineer, systems engineering and operations, PEO ACWA, provided an update on the treatment of off-site energetics. Kornelly mentioned that the PWG requested a cost-benefit analysis from Program Executive Officer Conrad Whyne, PEO ACWA, to compare the two primary disposal options: the Commercial Treatment, Storage, Disposal Facilities and the Anniston Static Detonation Chamber. Kornelly also said the PWG discussed PCD and PCAPP permitting updates. Finally, she added that Russell DeSalvo, executive director, PuebloPlex, indicated that his organization anticipates receiving 16,000 acres of surplus land at the depot from the U.S. Army. Kornelly received no further questions.

Kornelly noted the next CAC meeting is scheduled for Jan. 29, 2014, at the Olde Town Carriage House.

The meeting adjourned at 7:13 p.m.