



Kentucky Chemical Demilitarization
Citizens' Advisory Commission

Doug Hindman
Chair

Chemical Demilitarization Citizens' Advisory Commission
Chemical Destruction Community Advisory Board
105 5th Street, Suite 206
Richmond, KY 40475
859.624.4700 / 859.986.7565



Reagan Taylor
Craig Williams
Co-Chairs

**Chemical Demilitarization Citizens' Advisory Commission (CAC) and
Chemical Destruction Community Advisory Board (CDCAB) Meeting
Summary of Action Items and Discussions
March 18, 2015
Eastern Kentucky University (EKU)
Richmond, Kentucky**

Attendees

CAC: Tonita Goodwin, Mark Klaas, Harry Moberly and Craig Williams

CDCAB: Jeff Brubaker, Tonita Goodwin, Jeanne Hibberd, Doug Hindman, Mike Hogg, Leslie Kaylor, Mark Klaas, Tara Long, Brian Makinen, Darcy Maupin, Harry Moberly, Lt. Col. Andrew "Jack" Morgan, Doug Omichinski, Carl Richards, David Rowlette, George Shuplinkov (for Col. Lee Hudson), Regina Stivers (for U.S. Sen. Mitch McConnell's (R-Ky.) office), Reagan Taylor, April Webb, Craig Williams and Ethan Witt (for U.S. Rep. Andy Barr's (R-Ky.) office)

Media Attendees:

Lexington Herald-Leader: Greg Kocher

The Richmond Register: Machaela Ballard

Meeting Synopsis

The meeting provided information on the following:

- Kentucky Environmental Federation (KEF) 25th Anniversary Documentary Trailer
- Blue Grass Chemical Agent-Destruction Pilot Plant (BGCAPP) Update
- Cascading Ventilation System Overview
- National Research Council (NRC) Study and Visit
- BGCAPP Budget Update
- Economic Development Working Group (EDWG) Update

Meeting Summary Structure

This meeting summary is not intended to be a verbatim record of conversations, but instead will provide an overview of the discussions and action items of government representatives and various members of the CAC and CDCAB. Key action items identified in the meeting and a synopsis of the major questions and comments discussed during the various updates are noted below. Copies of slides and handouts presented during the meeting can be obtained from the Blue Grass Chemical Stockpile Outreach Office (ORO) at (859) 626-8944 or bgoutreach@iem.com.

Action Items

Action Item: Rocket Handling System (RHS)/Munitions Washout System (MWS) design-change schedule charts to be provided to CAC/CDCAB chairs in a larger format.

Responsible Entity: Doug Omichinski, Bechtel Parsons Blue Grass (BPBG) Project Manager.

Timeline: By June 17, 2015.

Action Item: Information about and scope of work for each of the Explosive Destruction Technology (EDT) subcontractors.

Responsible Entity: Doug Omichinski, BPBG Project Manager.

Timeline: By June 17, 2015.

Outline of Key Issues and Discussions

Welcome and Introductions – Sarah Parke, Manager, ORO

Parke welcomed the attendees, reviewed the meeting agenda and noted the following action items from the Dec. 16, 2014 CAC/CDCAB meeting:

Action Item	Steps Taken	Date/Status
Blue Grass Chemical Activity (BGCA) will provide the Economic Development Working Group (EDWG) with local skill sets for upcoming positions.	BGCA delivered a local skill sets document to Williams, who has been meeting with EDWG stakeholders regarding the topic.	Complete
Informational presentation on the carbon filtration system.	Delivered at the March 18 CAC/CDCAB meeting.	Complete

Opening Remarks – Doug Hindman, Chair, CAC and Craig Williams, Co-Chair, CDCAB

Hindman welcomed everyone and thanked the group for their attendance. Williams thanked group members for their involvement with the project and notified the group of the Pueblo Chemical Agent-Destruction Pilot Plant (PCAPP) Explosive Destruction System (EDS) start of agent operations this day in Colorado. He gave background on KEF, saying the group was formed to help coordinate citizens' groups in the area to get more organized to pursue common ground and a clear direction in their efforts.

Key Updates

KEF 25th Anniversary Documentary Trailer – Dr. Nancy Gift, Board Member, KEF

Gift presented a trailer for a film KEF is producing about community involvement with the destruction of chemical weapons that features Craig Williams. She gave background on Williams, showed the trailer and encouraged support of the project through Indiegogo.com.

BGCAPP Project Update – Jeff Brubaker, Site Project Manager, BGCAPP, and Doug Omichinski, Project Manager, BPBG

Slides of this presentation may be obtained by contacting the ORO at (859) 626-8944 or bgoutreach@iem.com.

Brubaker discussed the PCAPP EDS start of agent operations and then gave a BGCAPP project update. Key points included construction completion of 92 percent, that systemization efforts are focusing on the Utility Building and the Control and Support Building, the site is in the process of receiving the Medical Facility and Personnel Maintenance Building modules, the progression of work on the site Entry Control Facility (ECF) now that the weather is better and that the Container Handling Building (CHB) is scheduled to be completed in the next couple months. Omichinski updated the group on the previously discussed RHS/MWS modifications for progress and worker safety. He said that project is in the design phase and is moving into detailed design and they are looking at procurement of some of the major systems for those changes. He noted the modification schedule may push into August from July due to vendor delivery of equipment and they are working to recover the schedule. Omichinski then said cyanide modification engineering is complete and equipment has mostly been received. Piping, civil and structural work has begun in that area and should complete in the next four months. Brubaker showed pictures of work going on around the project site and said the majority of work going forward in the next several months is electrical-installation related. He noted the installation of one-hour fire-rated insulation materials in the CHB.

Omichinski updated the group on the EDT topic by saying the 100-percent design review with the supplier was completed the week of March 9 – 13 and project personnel also met with the EDT Working Group on 90 percent design review last week. He said the equipment will start to ship this summer and should arrive by late summer or early fall, and the building and electrical subcontracts have been awarded, with mobilizations to occur in the next four to five months. He said the EDT project will be done using subcontractor work, not direct BPBG workforce like the main plant. He named Pangea Group as the subcontractor for the construction of some of the facilities. Omichinski then said (1) the site will be making the transition from a construction company to an operating company, (2) to expect a sharp dip in craft employment starting in July as the project transitions from construction to systemization, (3) the project will be making adjustments of expectations and doing a lot of cultural enhancements for this change, and (4) to expect to hear a lot about this transition across the next couple years. Brubaker said the project's safety performance continues to be very good, the project workforce has performed more than three million safe man-hours since the last lost-time accident and the project received official Voluntary Protection Program safety recertification in January. Omichinski said to expect changes to the diversity and local-hiring numbers as the site transitions to operations and they have a diversity inclusion program in place for this change. Brubaker said the project has been very supportive of various non-profit organizations and educational institutions. He also mentioned recent site tours for NRC committee members and newly elected local officials.

Hindman asked how the changes would impact the total schedule. Brubaker said they are working the changes to the rocket line concurrent with EDT construction and that the use of the EDT should shorten the overall schedule by about a year.

Williams asked for clarified schedule charts as the ones in the presentation were hard to read and then asked if the subcontractor building the EDT facility is local. Omichinski said Pangea Group, UXB (EDT and enclosure supplier) and BESCO (electrical subcontractor) are all within a four-state area and have all signed up with the local labor agreement, so there will be a local labor component. There is a plan to attract local talent. Williams asked about the subcontractor process. Omichinski said all of the subcontractor work is managed by BPBG and BPBG will operate the facility.

Hindman asked why work is being done on the ECF. Brubaker explained the difference between the Highway 52 Access Control Point and the site ECF.

Harry Moberly asked about the subcontractors on the EDT project, if they have worked with BPBG before and how they were chosen. Omichinski explained BPBG directly manages the subcontractors, but not the companies subcontracted to those BPBG subcontractors. BPBG manages safety, quality and other functions, and the BPBG subcontractors manage how specific work gets done. He said BPBG will use AECOM (formerly URS) for operations. AECOM will provide the largest portion of operations personnel, but the project will still maintain the same partners it has now (Bechtel, Parsons, AECOM, Battelle Memorial Institute, GP Strategies Corporation and General Atomics). Omichinski then said UXB, the U.S.-based representative for Swedish-based

SDC manufacturer Dynasafe, provided one of the three EDTs evaluated by BPBG and noted this project is under the direction of Allison Respass, deputy project manager. Moberly requested an explanation of the scope of work for each of the EDT subcontractors.

Cascading Ventilation System Overview – Neil Frenzl, Resident Engineering Manager, BPBG

Slides of this presentation may be obtained by contacting the ORO at (859) 626-8944 or bgoutreach@iem.com.

Frenzl provided an overview of the cascading ventilation system. He discussed how it works and benefits the plant, noted it will be backed up by generators in case of power loss, and monitoring of the filter banks. Frenzl said it will draw air from less contaminated areas of the facility through more contaminated ones, then send it through the carbon filter banks for cleansing. The filters are built by the same company that built them for the baseline sites. He also mentioned there are near-real-time monitors after the first, second and fourth banks, with another one in the ductwork connecting to each stack.

Williams asked if there are filters on the air intakes in the event of an outside occurrence affecting intake air. Frenzl said yes. Williams expressed his concern for an outside event such as a tanker derailment causing a toxic cloud that could impact the air being drawn into the facility. Frenzl said the facility air intake is built high enough (60 feet) to minimize that issue and he does not anticipate outside events impacting the facility. Frenzl noted the excellent communications between the Madison County Emergency Management Agency (EMA) and the project, the fact that processing could be stopped in adverse conditions and the prevailing winds which would direct excursions away from the depot. Carl Richards said the EMA and the project communicate every day, there are systems in place for an outside occurrence, the EMA has had the BGCA stop operations before for weather conditions and there are industrial chemical models built into the WebPuff software that plots different scenarios based on wind speed and direction and other atmospheric factors. He said he was not worried about a situation of this kind.

Williams then said he had heard some talk of recycling filter-bank enclosures from the Johnston Atoll Chemical Agent Destruction System. Frenzl said the enclosures were too old and had been subjected to a high-salt environment, making them unsuitable, and the BGCAPP filters enclosures are new-builds.

Jeanne Hibberd asked what level of earthquake the facility is designed to handle. Frenzl said the construction of the facility is governed by the International Building Code (IBC) and also takes geotechnical research for site-specific strata into account. The project construction actually exceeds IBC codes for earthquake resistance in this area. Hibberd asked if that takes fracking occurring in the local area into account. Frenzl said it does not cover that subject.

Moberly wanted to know if contamination is something the project should expect. Frenzl said by definition, contamination is something that occurs in an area you do not expect it. The project expects to have agent where rockets are sheared and in other operating areas. The project does not expect to have agent outside controlled areas, but plans for those situations just in case, to be prepared. Moberly asked if the final monitoring outside the stack is expected to be clear of agent contamination. Frenzl said yes.

NRC Study and Visit – Craig Williams, Co-Chair, CDCAB

Slides of this presentation may be obtained by contacting the ORO at (859) 626-8944 or bgoutreach@iem.com.

Williams first noted the documentary trailer was an example of how communities can work to make changes and said an open-burn destruction of propellant materials at Camp Minden in Louisiana was halted by the community using the success of this community with this project as a model. He then discussed the NRC study on alternate hydrolysate disposal methods, emphasized it was only to develop a contingency plan in case the supercritical water oxidation (SCWO) process did not work and said it in no way would affect the main plant. Williams covered the recent NRC committee site visit and that they started writing the draft report yesterday. He noted CAC/CDCAB members would not be able to review it in draft form due to the impartiality of the committee and that this is the first time he has seen two community-focused members on a project committee instead of one. He noted that as a good thing. Williams said the commission did supply the NRC one additional suggestion for consideration: could the hydrolysate be fed into the EDT if SCWO did not work. He noted the NRC has completed the same hydrolysate-options study for PCAPP. Doug Hindman said the study is trying to answer this question to keep the plant from shutting down if SCWO does not work, and the committee has been very sensitive to community input.

BGCAPP Budget Update – Craig Williams, Co-Chair, CDCAB

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Williams informed the group the President's budget has been sent to Congress with \$569 million and \$38 million requests for the Program Executive Office, Assembled Chemical Weapons Alternatives' Research, Development and Demonstration and Military Construction budgets, respectively. It is not yet approved. He said the BGCAPP distribution is \$257.7 million. Williams said if the budget is not passed, the project would have to work on a continuing resolution based on last year's budget, which would be a good situation, as that budget was larger due to higher construction activity.

Economic Development Working Group Update – Craig Williams, Co-Chair, CDCAB

Williams said he has met with Madison County Judge-Executive Reagan Taylor several times about this project, and U.S. Rep. Andy Barr's (R-Ky.) former staffer Colleen Chaney will be Taylor's deputy.

Closing Remarks – Doug Hindman, Chair, CAC and Reagan Taylor and Craig Williams, Co-Chairs, CDCAB

Williams mentioned U.S. Sen. Mitch McConnell (R-Ky.) staffers will be visiting BGCAPP at the end of March.

Hindman reminded attendees this is a citizens group that represents the citizens of the community and asked attendees to spread the word to their friends about this project. He suggested a site tour for group members at some point in the future. George Shuplinkov said a good time might be when the SDC arrives. Williams asked when the EDT was expected to be installed. Omichinski said it should be complete in its enclosure in the first or second quarter of 2016.

Taylor thanked Brubaker and Omichinski for the recent project tour on behalf of county citizens and said he feels the community relationship has been so successful due to communication. He thanked everyone involved to this point.

Next CAC and CDCAB Meeting

The next meeting is scheduled for Wednesday, June 17, 2015, at 1:30 p.m. at the ECU Carl D. Perkins Building, Rooms A and B.

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