



Kentucky Chemical Demilitarization  
Citizens' Advisory Commission

Doug Hindman  
Chair

Chemical Demilitarization Citizens' Advisory Commission  
Chemical Destruction Community Advisory Board  
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Kent Clark  
Craig Williams  
Co-Chairs

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**Chemical Demilitarization Citizens' Advisory Commission (CAC) and  
Chemical Destruction Community Advisory Board (CDCAB) Meeting  
Summary of Action Items and Discussions  
Dec. 11, 2012  
Eastern Kentucky University  
Richmond, Ky.**

**Attendees**

**Kentucky Chemical Demilitarization Citizens' Advisory Commission (CAC):**  
Doug Hindman, Harry Moberly and Craig Williams

**Chemical Destruction Community Advisory Board (CDCAB):** David Benge, Robert Blythe, Jeff Brubaker, Regina Crawford (for Sen. Mitch McConnell's (R-KY) office), Lt. Col. Christopher Grice, Doug Hindman, Mike Hogg, Steve Karcher, Darcy Maupin, Tom McKinney, Harry Moberly, Carl Palmer, Carl Richards, David Rowlette, George Shuplinkov (for Col. Brian Rogers), April Webb and Craig Williams

**Media Attendees:**

ABC Channel 36: Aaron Adelson  
The Associated Press: Dylan Lovan  
*The Lexington Herald-Leader*: Greg Kocher  
*The Richmond Register*: Bill Robinson

**Meeting Synopsis**

The meeting provided information on the following:

- Blue Grass Chemical Agent-Destruction Pilot Plant (BGCAPP) and Bechtel Parsons Blue Grass Year-in-Review Update
- Blue Grass Chemical Activity (BGCA) and BGCAPP M55 Rocket Separation Operation
- Updates from CDCAB Co-Chair

## **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:** Provide jobs forecast chart to David Benge.

**Responsible Entity:** Tom McKinney, Bechtel Parsons Blue Grass project manager.

**Timeline:** March 12, 2013.

**Action Item:** Provide Rocket Motor Separation Operation recommendation to BGCA.

**Responsible Entity:** Secondary Waste Working Group.

**Timeline:** TBD.

**Action Item:** Full Economic Development Working Group to meet in 2013.

**Responsible Entity:** Craig Williams, CDCAB co-chair.

**Timeline:** TBD.

### **Outline of Key Issues and Discussions**

#### ***Welcome and Introductions – Chris Higginbotham, ORO, Outreach Manager***

Chris Higginbotham welcomed the attendees, reviewed the meeting agenda and noted the following action items from the Sept. 12 CAC/CDCAB meeting:

<b>Action Item</b>	<b>Steps Taken</b>	<b>Date/Status</b>
Distribute project veterans' employment statistics and monthly payroll number to group.	Bechtel Parsons Blue Grass provided this information.	Dec. 10, 2012
Provide projected number of BGCA employees who would be affected by the BGCAPP closure to the group.	Provided to Craig Williams.	Complete

Distribute membership lists of all working groups to the CAC/CDCAB.	Craig Williams distributed by email.	Dec. 7, 2012
Call a meeting of the full EDWG.	Craig Williams to plan for this in early 2013.	TBD

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

Hindman welcomed attendees and thanked them for their attendance.

Williams said he appreciated everyone’s participation and thanked the group.

**Key Updates**

***BGCAPP and Bechtel Parsons Blue Grass Year in Review – Jeff Brubaker, BGCAPP, Site Project Manager, and Tom McKinney, Bechtel Parsons Blue Grass, Project Manager***

***Slides of this presentation are available by contacting the ORO at (859) 626-8944 or [bgoutreach@iem.com](mailto:bgoutreach@iem.com).***

Brubaker and McKinney gave a year-in-review project presentation. They highlighted four major accomplishments--main plant construction, support infrastructure, start of systemization activities and the progress of the reverse-assembly equipment—and said construction is 60 percent complete and systemization is 4 percent complete. They discussed the completion of the Munitions Demilitarization Building (MDB) concrete, Supercritical Water Oxidation Processing Building (SPB) structural steel, the Laboratory Building (Lab) and the Hydrolysate Storage Area foundation. The project leads said the Aluminum Filtration System and the water recovery system have been installed in the SPB, as well as many tanks and reactor vessels. The actual feed vessels and reactors are undergoing testing and will be received in the spring of 2013. The Lab has been turned over to Systemization, as the construction team finishes the last few construction items to complete on the building. Brubaker and McKinney went on to discuss systemization, explaining it as the process of preparing the plant’s workforce, procedures and systems for operations. The systemization implementation plan was completed in 2012 and 15 systems and three facilities were turned over to the systemization team throughout the year. Brubaker and McKinney then focused on safety, noting that most project injuries stem from everyday slips and trips rather than the complicated operations. They explained the *My Brother’s Keeper* mindset that is being encouraged at the site to focus on the project’s goal of zero accidents, and played a recording of a poem developed by

the project being read by a construction worker. On the subject of economic impact, they said total project spending with Kentucky companies surpassed \$100 million and that \$373 million has been spent on payroll so far. Looking forward, the leads said 2013 would bring several major milestones, including the installation of the Rocket Cutting Machines and Rocket Shearing Machines, testing completion and delivery of the Munitions Washout System, completion of the Hydrolysate Storage Tanks and completion of MDB structural steel.

Brubaker then went on to discuss project funding and explained the continuing resolution situation to the group, saying program leaders have been monitoring the situation on a daily basis.

Robert Blythe, the National Association for the Advancement of Colored People (NAACP) representative, notified the CAC/CDCAB and BGCAPP officials of a concern that had been brought forward to the local NAACP group and asked that the concern be evaluated. He said the *My Brother's Keeper* program was timely and he appreciated the effort. No additional inquiries from the group were raised on this topic.

CDCAB member David Bengé asked if new jobs would be created for systemization. Brubaker said yes, and that some of those jobs would be filled with skilled people who would transition from some of the other demilitarization sites. McKinney said the jobs would be more technological in nature, but the project is still building up the craft workers. Bengé then asked how many jobs would be opening in 2013. McKinney will provide data on job projections.

Craig Williams announced he had just learned about the approval of the reprogramming of funds to the project that would provide additional funding during the continuing resolution. He noted just as this money was reprogrammed to the project from elsewhere, another project could still reprogram money from this one. Williams said it may take until after the first of the year to get the situation resolved and the money in line, but he is very pleased and said a lot had been accomplished in the last few months in working on this issue.

***BGCA Update – Lt. Col. Christopher Grice, BGCA, Commander, and Jeff Brubaker, BGCAPP, Site Project Manager***

***Slides of this presentation are available by contacting the ORO at (859) 626-8944 or [bgoutreach@iem.com](mailto:bgoutreach@iem.com).***

Grice gave the group information on an upcoming study to validate rocket propellant stability of the M55 rockets being stored and monitored at BGCA. He said the U.S. Army Chemical Materials Activity (CMA) and the Program Executive Office, Assembled Chemical Weapons Alternatives (PEO ACWA) had directed BGCA to separate the motors from 44 rockets, 25 of which are to be sent to Picatinny Arsenal for testing and 19 to be saved for PEO ACWA to test in the future. Most of the selected rockets will be from different lot

numbers, with six being from igloos that have had water infiltration occur in the past. Brubaker said there were originally slated to be 18 Energetics Batch Neutralizers instead of the current three, in order to process all of the rocket propellant within the facility. The current design of the site calls for motors to be processed outside the facility in a process to be determined before operations begin. Brubaker is confident there are safe processes to destroy those motors, either on the depot or at another facility. Grice noted the last test of propellant acquired from rocket motors stored in the Blue Grass was in the 1980's, although Picatinny Arsenal tested baseline propellant samples from the same lots in 2011. Test results in 2011 were good, but Picatinny recommended that Blue Grass draw samples from its stockpile due to the unique weather and storage conditions in this area. He gave details on the process and said he expected to process about three motors per day, making the project's duration about one month. There will be a specific venting device placed on the rocket in case of unlikely accidental ignition. Grice said any material sent to Picatinny Arsenal will be destroyed there. He then said the chemical activity would have to get a permit modification from the Kentucky Department for Environmental Protection (KDEP) to perform this operation, which would take about a year. He noted it will take a lot of planning and oversight and BGCA has already been rehearsing for the operation, and would continue to do so through the next year as they work with KDEP on the permit process. Safety of the workers, community and environment is his top priority.

Doug Hindman asked of the likelihood of successful rocket motor separation. Grice explained that an apparatus would turn the rocket motor to unscrew it from the warhead. Any rocket that did not separate at a specific torque limit will be returned to storage and another rocket will be selected for separation.

Williams noted Grice and Brubaker had briefed the Secondary Waste Working Group (SWWG) previously on this topic and public meetings will be held on the permitting process. He said the SWWG will draft a recommendation and deliver it to the CAC/CDCAB for review, who would then deliver it to Grice. He noted it has been a very productive and open process and he appreciates Grice for allowing the CAC/CDCAB to be so closely involved.

### ***CDCAB Working Group Updates – Craig Williams, CDCAB, Co-Chair***

***Slides of this presentation are available by contacting the ORO at (859) 626-8944 or [bgoutreach@iem.com](mailto:bgoutreach@iem.com).***

Williams gave updates on three other working groups:

Economic Development Working Group: Williams said the first phase of the project economic development study (job loss aversion studies) has been launched and the group has a good handle on the workers and their skill sets. He gave some background of the funding of the study and the three phases of the study. Williams referred to the [U.S. Department of Defense \(DoD\) Office of Economic Adjustment](#), which provides

support to communities whose economic viability is tied to DoD projects, and said negotiations are under way for support for the second and third phases of the study. He said there would be 1,200 to 1,500 highly skilled workers and \$1.4 billion of infrastructure the community could leverage at the end of the BGCAPP project.

Explosive Destruction Technologies (EDT) Working Group: Williams said the group has met and is following the Colorado environmental assessment (EA) process as a learning experience, tracking carefully to see how their regulatory agency reacts to their documentation and process. He informed the group the BGCAPP EDT EA draft should be out for comment sometime after the first of the year, and the group would have the opportunity to review it and make comments.

Monitoring Working Group (MWG): The final decision regarding any modification to the current storage regime has not yet been made. It is expected that, based on the Igloo Filtration Study and the recommendation made by the CDCAB, a decision will be made shortly after the first of the year.

Williams then discussed group membership and Hindman encouraged people to become a member of one or more of the groups, saying a lot of important work is done in those groups.

### ***Closing Remarks – Doug Hindman and Craig Williams, CDCAB Co-Chairs***

Hindman and Williams thanked attendees for their time and Williams said he thinks the CAC/CDCAB is a good model for a lot of other programs and communities, that a lot of other communities admire the CAC/CDCAB's continued efforts, and that it is important for the military and the Blue Grass project to have it. He said his number-one mantra is "no surprises," and thinks this is an extraordinary process. He and Judge-Executive Kent Clark appreciate everyone's input.

### ***Next CAC and CDCAB Meeting***

The next meeting is scheduled for Tuesday, March 12, 2013 at 1:30 p.m. at the Eastern Kentucky University's Carl D. Perkins Building, Rooms A and B.

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