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**Chemical Demilitarization Citizens' Advisory Commission (CAC) and
Chemical Destruction Community Advisory Board (CDCAB) Meeting
Summary of Action Items and Discussions
June 9, 2009
Eastern Kentucky University
Richmond, Kentucky**

Meeting Synopsis

The meeting was designed to provide an update on the following:

- Assembled Chemical Weapons Alternatives (ACWA)
- Blue Grass Chemical Agent-Destruction Pilot Plant (BGCAPP)
- Systems Contractor
- Blue Grass Chemical Activity (BGCA)
- Monitoring Working Group (MWG) and Explosive Destruction Technologies Working Group (EDTWG)

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 next steps committed to by the government and various members of the 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 at (859) 626-8944 or bgoutreach@bah.com.

Action Items

Action Item: Doug Hindman requested a detailed briefing on ACWA schedule changes related to BGCAPP at the next CAC/CDCAB meeting.

Responsible Entity: ACWA Representative

Timeline: Sept. 8, 2009

Action Item: Two risk analyses, completed by the U.S. Army Chemical Materials Agency, will be provided to CAC/CDCAB members regarding the safety of the community and workforce as it relates to monitoring initiatives at BGCA.

Responsible Entity: Greg St. Pierre

Timeline: Before the Sept. 8, 2009 CAC/CDCAB meeting.

Action Item: The CAC Chair requested a BGCAPP construction site tour for CAC/CDCAB members.

Responsible Entity: Stephanie Parrett

Timeline: Before the Sept. 8, 2009 CAC/CDCAB meeting.

Outline of Key Issues and Discussions

Welcome and Introductions – Stephanie Parrett, Blue Grass Chemical Stockpile Outreach Office, Outreach Manager

Stephanie Parrett welcomed the attendees, reviewed the meeting agenda and noted the action items from the March 9 CDCAB meeting, which consisted of the following: Rev. Robert Blythe's request for a presentation to the local branch of the National Association for the Advancement of Colored People (NAACP) on how the BGCAPP project contracts with disadvantaged businesses; Craig Williams' intent to create a working group to discuss Explosive Destruction Technologies (EDT); and Williams' request for a decision on the treatment of hydrolysate before the June 9 CAC/CDCAB meeting.

Mark Seely stated the NAACP presentation was held June 4 and Blythe was satisfied with the answers to his questions. Williams said the EDT working group (EDTWG) had been formed and has held two productive meetings. Joe Novad shared with the group that information he had been requested to provide regarding the hydrolysate disposal decision would be covered in his briefing.

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

Hindman welcomed everyone to the meeting and thanked participants for their time and the participants of the working groups for their efforts. He gave notice of e-mail problems the CAC is having.

Williams acknowledged members not in attendance, as well as new and retiring members. He noted Judge-Executive Kent Clark, Robert Miller and Jeanne Hibberd would not be in attendance. Regarding resignations, Williams reported that Robert Bagby resigned due to a medical condition and a replacement was anticipated to be named shortly; additionally, Steve Karcher would be replacing Tammy Clemons as the Berea College representative. Two new members were then welcomed: Terry House with the Ministerial Alliance and John Heltzel who serves as the director of the Kentucky Division

of Emergency Management. Williams concluded by introducing Jeff Brubaker as the new BGCAPP site project manager.

Key Updates

ACWA Update – Joe Novad, ACWA, Deputy Program Manager, Systems Engineering and Operations

Slides of this presentation are available by contacting the Blue Grass Chemical Stockpile Outreach Office at (859) 626-8944 or bgoutreach@bah.com.

Novad shared information with commission and advisory board members on the acceleration assessment and brought up EDT in the acceleration context. He discussed funding profiles and the increases for FY 2009 and projected FY 2010 budgets, and continued with a chart showing the impact of acceleration on the facilities' schedules. He went on to address the hydrolysate issue and said the Under Secretary of Defense signed a memorandum on June 1, 2009, saying ACWA would treat hydrolysate on site at BGCAPP with supercritical water oxidation and at Pueblo with biotreatment.

Williams asked about the difference in the Military Construction (MILCON) funding between FY 2009 and FY 2010 (FY 2009 funding was \$79.2 million, which included \$12 million for an access road project, and FY 2010 funding is \$54 million). Novad replied part of the money allotted was for Blue Grass site-specific process equipment and ACWA leadership was trying to balance funding between research and development and MILCON needs. Williams was concerned the MILCON money might decrease as the project accelerates. Novad reassured Williams that at this point, ACWA does not see that as a concern (funding should be available). Mark Seely noted Bechtel was currently working on the detailed acceleration schedule and no flags were noted in reference to funding. Ralph Collins said the first year of the budget cycle is fixed but the mix could be changed in FY 2011.

Williams recognized the effort spent in making Blue Grass program funding a priority. He explained that he was pleased that the CMA would be able to share funding with ACWA.

Hindman asked about the systemization period being longer than originally projected. Novad acknowledged the delay in the original projection and noted that the schedule extension was necessitated by small ACWA budget allocations of the last few years. He said the schedule improved due to the money added to the budget in FY 2009 and FY 2010.

David Benge asked when the plant would be completed. Novad replied that the plant would be completed in 2016, and that the plant would need to be operating correctly and that regulatory milestones must be cleared before operations could begin. He added that all agent is expected to be gone by 2021. Williams asked Novad to cite ACWA's confidence level in the schedule based on the historical inconsistency in funding streams. Novad said the confidence level was 50 percent, and that ACWA will be better able to

plan and execute the schedule knowing the money is coming. He also reinforced that the Department of Defense is committed to the project and funding it. Williams asked about the funding for FY 2011 through FY 2015 and Novad said those numbers needed to be presented to Congress first and would go into the presidential budget on an annual basis.

A member of the audience asked if there were an adequate number of craft workers on the project to complete construction. Seely replied not yet, that they are only at 120 craft workers, that staffing levels will peak eventually at about 300 to 350, and they would have to motivate people from outside the local area to come to the project.

Aaron Thompson, CAC member, asked Novad if he could explain what the 50 percent confidence in the schedule meant. Novad replied that the confidence level is determined by a sophisticated risk model and there were quite a few variables involved, included risks, and there were different probabilities based on input.

Hindman asked about the recent 2017 completion deadline. He asked why, despite funding increases, the schedule is pushed beyond 2017. Novad said the three previous years of low-level funding plus the current rising cost of commodities changed the schedule, and noted that as the balance of contracts are awarded for systemization and operations, the schedule could possibly be pulled back. Williams highlighted that the schedule had slipped to 2023 before, but now has been moved back to 2021. He said that it had been at 2027 earlier, so the project had gained six years. He said the new funding guidance helped shorten the schedule, and it could still be improved.

Williams acknowledged Kevin Flamm's efforts in making the hydrolysate decision happen. Novad reiterated that ACWA was committed to safely destroying the chemical weapons stockpile.

Jim Fritsche, former Blue Grass site project manager, asked about construction delays and if the Munitions Demilitarization Building (MDB) blast-area redesign had been approved yet. Novad replied it had approval through initial reviews and had just been delivered to the Department of Defense Explosives Safety Board (DDESB) for final review.

Hindman asked that someone come to the next CAC/CDCAB meeting to talk about schedule changes in detail because the public is concerned about project schedule.

BGCAPP Update – Ralph Collins, BGCAPP, Acting Site Project Manager

Slides of this presentation are available by contacting the Blue Grass Chemical Stockpile Outreach Office at (859) 626-8944 or bgoutreach@bah.com.

Collins opened his presentation with a computer-graphic video overview of the BGCAPP facility and gave an update on the MDB blast area. Collins noted BGCAPP's 4 million safe work hours accomplishment and acknowledged outreach efforts.

Williams asked if there would be an impact on permitting associated with the MDB redesign, and Collins said no, that the Kentucky Department for Environmental Protection would defer to DDESB on that topic.

In reference to the Bechtel Parsons Blue Grass (BPBG) contract for the remainder of construction, Collins reported there is more than 1 billion dollars to negotiate on the balance of construction proposal. Seely added the negotiations do not impact Bechtel's construction as they have limited notice to proceed. Collins said the balance of the construction contract should be complete by January 2010 and the whole contract completed by April.

Systems Contractor Update – Mark Seely, Bechtel Parsons Blue Grass, Project Manager

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Seely provided an update on the systems contractor's progress, including the mock wall, Blue Grass site specific equipment, local acquisitions and safety. He introduced several BPBG employees to discuss topics related to small business advocacy and recruiting.

Diane Osbourne, the systems contractor small-business advocate, highlighted Tom Masterson of T.E.M. Electric, who was awarded the Kentucky Small Business Person of the Year due to work he performed for the BGCAPP facility, and through the mentoring BPBG gave him in working on federal projects. Masterson described his contributions to the project, and his recognition by President Obama.

Joanne Torrico, BPBG human resources manager, spoke about BPBG being named Eastern Kentucky University's (EKU) employer of the year, and introduced Gladys Johnson, EKU's director of cooperative education. Johnson spoke about the EKU co-op program. Torrico then introduced several students hired by Bechtel through the co-op program: Jason Henninger, Megan Groat, Justin Krey, Jason Smith and Brooke Coccari. She also recognized Stephanie Parrett and Diane Osbourne as EKU graduates.

Nora Shepherd asked Seely to elaborate on the material availability problem. Seely said it referred to some material not arriving on time and they have a plan to get the schedule back on track by August or September.

BGCA Update – Lt. Col. David Musgrave, BGCA, Commander

Lt. Col. Musgrave acknowledged the depot and activity's summer interns and congratulated Masterson. He showed a recently completed video highlighting the activity's participation in emergency preparedness, titled, "*Safe/Secure: Protecting You and Our National Chemical Weapons Stockpile.*"

Terry House asked about the safety concerns associated with small planes and weather issues. Musgrave said the chemical activity is a restricted fly zone and the igloos are designed specifically for protection from tornadoes and severe weather.

Monitoring and EDT Working Groups Update – Craig Williams, CDCAB, Co-Chair

Williams gave an overview of the monitoring group. He discussed its current status, and asked CMA to do a tiered risk assessment expanding on the 2006 assessment based on the community, not the workforce. He would like to include two participants of the Monitoring Working Group's choosing to be involved in the assessment.

Greg St. Pierre, CMA director of risk management, reported there was an assessment completed in 2006 for workers. He clarified that an update to the assessment, to include the public, was completed in April 2009. He offered to check on the release status of the assessment and the update and send both to Williams.

Williams said his emphasis was to improve on BGCA's current resources and noted U.S. Senator Jim Bunning's previous disbursement as a tangible example of how this can aid the activity's task of monitoring the chemical stockpile. He shared the group's next steps: continue discussions on upgrading monitoring capability, having CAC/CDCAB members included in tiered risk analysis, and identify resources needed to accomplish additional monitoring should it become necessary.

Bill Robinson, reporter for the *Richmond Register*, asked if the group had reviewed the standards in place to ensure professional qualifications of people working in the BGCA lab. Williams said they had not reviewed the standards – that was not the group's purpose nor were members qualified to do so.

Williams discussed the EDTWG and provided background information on EDTs. He discussed the projected need for EDT at BGCAPP, the recent National Research Council (NRC) EDT report and issues regarding EDTs identified by the working group (whether an EDT would be considered incineration technology, where an EDT would be located, and when a decision would have to be made). The group's next steps are to continue discussions while ACWA determines what additional tests are needed and KDEP is reviewing regulatory issues, and continue to seek alternatives. He believes EDT is the best technology to be used in this situation, but there are still questions to be answered. He raised the possibility of the NRC briefing the CAC/CDCAB.

Chris Midgett, systems contractor leadership team member, asked if the EDTWG considers EDT an incineration technology. Williams replied they were looking into this, there were aspects of the technologies that were "inside and outside the combustion basket," and ultimately the Environmental Protection Agency Region 4 would make that decision.

Next CAC and CDCAB Meeting

The next meeting is scheduled for Sept. 8 at the Eastern Kentucky University's Carl D. Perkins Building, Rooms A and B.

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

Hindman thanked everyone for their attendance.

Williams expressed his appreciation to ACWA and others for ongoing cooperation, and the dedication of the workforce. He feels the project is moving forward, and he finally has confidence in the funding to allow the project to move forward.