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**Summary of Action Items and Discussions  
June 14, 2006  
Eastern Kentucky University  
Richmond, Kentucky**

**June 14, 2006, Chemical Destruction Community Advisory Board (CDCAB)  
Meeting Synopsis**

The June 14, 2006, CDCAB meeting was designed to provide an update on the following:

- Funding and Defense Acquisition Board
- Blue Grass Chemical Agent-Destruction Pilot Plant
- Workforce Profile
- CDCAB Working Groups

**Meeting Summary Structure**

This meeting summary is not intended to be a verbatim record of conversations, but instead is meant to 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](mailto:bgoutreach@bah.com).

**Action Items**

There were no action items from the June 14 CDCAB meeting.

**Outline of Key Issues and Discussions**

***Welcome and Introductions* – Yvonne Riding, Blue Grass Chemical Stockpile Outreach Office**

Yvonne Riding welcomed the attendees and reviewed the meeting agenda and action items from the March 15 CDCAB meeting. Riding stated that the Citizens' Advisory Commission (CAC) meeting would follow the CDCAB meeting.

***Opening Remarks – Doug Hindman, CAC Chair***

Doug Hindman recognized Craig Williams, recipient of the Goldman Environmental Prize, and showed a brief video on Williams' career as an environmental activist.

***Opening Remarks – Kent Clark and Craig Williams, CDCAB Co-Chairs***

In recognition of Williams' commitment to the environment and service to Madison County, Judge Clark officially proclaimed June 14 as Craig Williams Day.

Williams thanked Hindman, Judge Clark and the meeting attendees for their recognition.

**Key Updates**

***Funding and Defense Acquisition Board Update – Bill Pehlivanian, Deputy Program Manager, Assembled Chemical Weapons Alternatives (ACWA)***

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

Bill Pehlivanian outlined the fiscal year (FY) 2007 President's budget request, the proposed \$40 million military construction (MILCON) budget cut and explained the Department of Defense program review process. He also discussed the Lean Six Sigma project to review hydrolysate treatment options.

He spoke about the availability of funding to move the project forward and said the President's budget request for FY 2007 included \$85.7 million for research, development, test and evaluation; and \$89.2 million for military construction. In May, the U.S. House of Representatives proposed a \$40 million MILCON budget cut from the program.

Pehlivanian recapped the Defense Acquisition Board (DAB) review process, stating that the program baseline will be presented to the DAB on August 14, 2006; a decision from the Defense Acquisition Executive is expected in the fall; and the program review is expected to be complete in time to support the FY 2008-09 budget process.

Pelivanian discussed the Lean Six Sigma project initiated to review hydrolysate treatment options, stating that it was a statistical process using existing data from Aberdeen, Newport and other sites. He said that all related information would be

compiled including site information, cost estimates, public involvement (including the Mitretek study) and permitting regulations.

Bob Miller asked how soon the \$40 million budget cut would impact the Blue Grass Chemical Agent-Destruction Pilot Plant (BGCAPP). Pehlivanian responded that the impact would be immediate and could result in a one year delay.

Williams summarized, noting that the project is in the same place as it was a year ago in regard to funding, and the \$40 million budget cut would put the project behind another year.

### ***BGCAPP Site Update – Jim Fritsche, Site Project Manager***

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Jim Fritsche provided updates on project mission, status, stakeholder involvement and public outreach. He discussed the need to safely destroy the weapons, recapped the Blue Grass Chemical Activity inventory, and described the two-step process of neutralization followed by supercritical water oxidation.

He stated that the intermediate design review for the Blue Grass Chemical Agent-Destruction Pilot Plant (BGCAPP) was completed on June 5, resulting in a smaller footprint and more efficient facility. Fritsche mentioned that others, including the Centers for Disease Control, Mitretek and the National Research Council, had been involved in the design review.

Fritsche gave a staffing update, stating the Allen Company (Bechtel Parsons Blue Grass subcontractor) staff would peak in July and August with 70 people on the job. He provided an update on construction and explained the peak particle velocity testing that recently took place at Blue Grass Army Depot. The peak particle velocity testing consisted of driving heavy equipment across a predetermined route and taking earth movement readings in order to establish if the use of construction equipment would affect the safe storage of the chemical weapons at the depot. He explained that the systems contractor requirement is a reading of 40 times less than what an igloo can withstand.

Fritsche also discussed the utilities that will be used during construction and relocated to accommodate the footprint. He stated that temporary utilities were in place and that water and sewer placement would soon follow.

He updated the CDCAB on the status of the site safety plan, stating that phase I of the plan had been submitted to the depot for approval, and the primary document for phase II was due to ACWA in August.

Fritsche addressed stakeholder involvement, stating that he was pleased with the individual participation during the Mitretek assessment held May 2-4. He said the Mitretek draft report was expected to be completed in July and that a public release date was yet to be determined.

He outlined public outreach events geared toward public involvement including upcoming speakers' bureau events. Fritsche recapped some of the public outreach events that had taken place since the last CDCAB meeting, including Madison County Middle School Career Day, CSEPP Safety Day and the Winchester Rotary Club briefing.

Fritsche invited the attendees to visit the Outreach Office Open House immediately following the CDCAB meeting. He also discussed the BGCAPP Groundbreaking Open House to take place on October 28, explaining that the actual groundbreaking with shovels would take place on site in advance of the public event because of necessary depot security restrictions.

Miller asked if the project had received any criticism from the environmentalists. Fritsche replied that stream crossing and fencing issues had been addressed by both state regulators and the Army Corps of Engineers. He stated that environmental permitting had been successful and directed any further questions to Bill Buchanan, Kentucky Department for Environmental Protection.

Williams asked the direction of hydrolysate processing and the Munitions Demilitarization Building. Fritsche stated the current plan is to treat the hydrolysate on-site.

Williams emphasized that he was pleased with the project's focus on safety, referencing several conversations he'd had with Allen Company employees.

***Workforce Profile for Blue Grass Chemical Agent-Destruction Pilot Plant –  
Chris Haynes, Bechtel Parsons Blue Grass (BPBG) Project Manager***

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Chemical Stockpile Outreach Office at 859-626-8944 or  
bgoutreach@bah.com.***

Chris Haynes presented an update on the project schedule as currently proposed by the systems contractor to the government, construction forecast, subcontracting opportunities, anticipated staffing curve, general workforce competencies, the U.S.

Army Personnel Reliability Program (PRP), a breakdown of personnel core skills, employment opportunities, and examples of how BPBG is working with area education resources to help develop the workforce.

Haynes stated that BPBG was on track to exceed the schedule allotted for phase I (site access road and initial main plant earthwork). He explained the types of construction involved in phase II, including perimeter fencing, earthwork and concrete work, lighting and communication cable installation and mechanical utilities installation. He stated that phase II was expected to start during summer 2006. The start date for Phase III is anticipated to be May 2007. Phase III consists of the start of main plant construction, including truck and auto inspection, canopy, badging facility, water tank installation, pre-engineered buildings and a substation.

He gave an update on subcontracts awarded including the access road and earthwork contract awarded in April to the Allen Company of Winchester, Ky.; the survey services contract awarded in May to CMW, Inc. of Richmond, Ky.; and the civil testing services contract awarded in May to AMEC of Louisville, Ky.

Haynes stated that government and BPBG safety requirements could be challenging to smaller contractors and that BPBG is working hard during the pre-bid term to explain the safety expectations for smaller contractors.

He presented the anticipated staffing curve starting in FY 2008 and ending in FY 2015. The staffing curve included the following personnel groups: management, career professionals, administrative support, medical, laboratory, maintenance and operations. Haynes listed nine workforce competencies stating that many of the employees must meet the standards of PRP. He identified the positive (qualifying) and negative (disqualifying) criteria of the program.

Haynes presented five slides summarizing core skills information for the groups addressed in the staffing curve, excluding the medical group. The slides included information on job titles, the approximate number of each job required, skills and the types of industries where these jobs skills would be most applicable. He specifically mentioned opportunities to work with Eastern Kentucky University (EKU) to develop analytical chemists to staff the laboratory.

Miller questioned the PRP disqualifying criterion of hypnosis. Haynes redirected the question to Lt. Col. Shuplinkov who explained that an easily hypnotized person could fall under the control of another person and compromise the safety and security of the project. Shuplinkov stated that in some cases, a waiver could be obtained in regard to hypnosis for smoking cessation. He stated that the PRP program was a strict, self-admission program and that it was important for potential employees to be honest and straight forward.

Carl Richards questioned the amount of time involved in BGCAPP retooling (changeover of processing equipment between different agents) for each chemical agent stored at the depot. Haynes replied that there was a three-month changeover from GB to VX and a four-month changeover from VX to H (mustard).

Richards also inquired about duration of operations at the pilot plant. Haynes stated that the plant would be in operation for 26 months. He quoted 54.7 percent availability from the first day to the last day of operations. Haynes gave examples of other rocket campaigns including Anniston, Tooele and Johnston Island. He stated it would take 21 weeks to reach a 100 percent throughput rate. Richards questioned Haynes' confidence level in the project schedule. Pehlivanian addressed this question. He stated this was a good point and that the CDCAB must realize that the project is at the 60 percent design phase. Pehlivanian referenced the openness and transparency of the program, but acknowledged that there could be further changes in design and a commitment cannot be made to a final schedule at this time. He also stated that the Program Manager supports the systems contractor's risk assessments, including an independent cost analysis group and independent risk assessment. Pehlivanian stated that this was the eighth plant and much has been learned from other facilities. He expressed confidence in the design at the 60 percent design phase.

Richards questioned the reality of 54.7 percent availability. Haynes listed names of other facilities and their availability rates. Richards stated that none of the facilities had come close to an overall 54.7 availability rate. Pehlivanian addressed this question, stating this was a point well taken. He referred to the cost analysis group that runs historical data and acknowledged that schedules had not been met at other facilities. Pehlivanian stated that in his opinion, the BGCAPP is in a better position to achieve its schedule.

Rob Rumpke thanked Haynes for the job information he provided in relation to the Economic Development Working Group, stating that the skill sets and types of jobs were usable information. Rumpke commented that it would be rewarding to work with EKU, the Central Kentucky Job Center, Workforce Board and Kentucky Community and Technical College System and to develop high school and middle school students for employment with the BGCAPP.

Rumpke questioned, in terms of schedule and knowing there could be delays, if hires would be made as early as 2009. Haynes stated that before going hot in 2012, there would be training, simulated operations and testing. He referred Rumpke to the timeline on the anticipated staffing chart (slide 5).

Hindman stated that this information could change with the availability of more accurate data. Haynes confirmed that more accurate data continues to be a creative tension on cost.

***Status on Working Groups – Craig Williams, CDCAB Co-Chair***

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Craig Williams delivered a report on the status of the CDCAB working groups including the following: Permitting, Re-design, Secondary Waste and Economic Development.

Williams gave an update on the Permitting Working Group and stated the Research, Development and Demonstration permit is a living document and an ongoing process.

He discussed the Re-design Working Group and identified two critical re-design efforts: off-site shipment of hydrolysate and early rocket motor separation. Williams stated that research and analysis of the off-site shipment of hydrolysate is ongoing and that the Army has issued a report stating that based on the research to date, the early rocket separation has been determined not to be necessary.

In the Secondary Waste Working Group update, Williams noted that the off-gas treatment system, off-site carbon processing, and off-site shipment of agent hydrolysate were ongoing issues.

Williams' discussion of the Economic Development Working Group (EDWG) included a primary focus on local hiring and contracts, referencing a handout as a vehicle to provide information to the community. He advocated for a consolidated fact sheet that would contain all necessary contact information for employment opportunities, including the following: Bechtel Parsons Blue Grass, Blue Grass Army Depot, Blue Grass Army Depot tenants and Blue Grass Chemical Activity. Each group has separate hiring practices and needs. Williams questioned the best way to communicate information on employment and contracts. He addressed the topic of publicizing employment and contracting information. Williams noted a possible solution was to publish an ad in the *Richmond Register*. In this case, he questioned who would execute the ad and whose budget would pay for the ad.

Williams summarized the potential long-term benefits of sustainable economic development in Madison County including a skilled and marketable workforce and regional industrial attraction.

Rumpke stated that Diane Osbourne, Bechtel Parsons Blue Grass small business program advocate, and Katherine Thompson, Bechtel National sustainable development manager, have agreed to meet with the EDWG by conference call on July 19. He also stated there is an opportunity through ECU and other partners to set up a two-year

institute within the Madison County School system to certify the workforce for employment at BGCAPP.

Williams encouraged more participation in the working groups by both the CDCAB and the general public. Williams referred to the openness and transparency of the program, citing the extraordinary relationship with ACWA, systems contractor and the CDCAB.

### ***Next CDCAB Meeting***

Remaining CDCAB meetings for 2006 are scheduled for September 12 and December 12.

The meetings are scheduled to take place at the Eastern Kentucky University's Carl D. Perkins Building, Quads A and B.

### ***Closing Remarks – Craig Williams, Co-Chair***

Williams thanked the audience again for their recognition of his award, the Goldman Environmental Prize.