

**Iowa Army Ammunition Plant  
Restoration Advisory Board  
Minutes  
August 16, 2005**

The Restoration Advisory Board meeting was called to order by Rodger Allison 5:00 p.m. on August 16, 2005 at the Winegard Board Room located in the Burlington/West Burlington Area Chamber of Commerce.

**Minutes Review**

The minutes were accepted as written.

**Agenda Review**

There were a couple of exceptions to the agenda. Steve Muffler from Tetra Tech will be giving the Project Update presentation, instead of Rick Arnseth as written in the agenda. Also, no one from FUSRAP is attending the meeting. Rodger Allison would give the update.

**Public Comment**

None.

**FUSRAP Update**

Rodger Allison explained that FUSRAP had been attending meetings in Des Moines in June 2005. The topics of discussion during those meetings were goals and agreements of future FUSRAP work, as well as Action Levels. The meetings were reported as being very productive. Rodger also stated there are some areas at IAAAP that will be screened in mid September 2005. These areas are thought to be possible FUSRAP sites.

Richard Johnson asked how the remnants of the radioactive object found during the sweep had been disposed of. Rodger explained that locally they are still working with regulators on that subject, but the area the object was found in, has been covered.

Richard Johnson asked a follow up question about the radioactive object, and wanted to know how large of an area had been covered at the landfill, where the object had been found. Rodger explained that the area covers about an eight foot by eight foot section.

**Project Update**

Steve Muffler briefed the RAB from a slide presentation. Please see exhibit 3 for his presentation.

Steve Bellrichard asked what the dashed line represented on one of the presentation maps. Steve explained that the dashed line was showing there are two separate data points and they are being referenced together by the dashed line.

Steve Bellrichard asked if it was expected that the RDX levels would change from -45 to 80. Steve stated that it had been expected.

Steve Bellrichard asked how concentrated the RDX is in the aquifer. Steve explained that it is 40-80 parts per billion (ppb).

Paula Graham asked what the name of the aquifer was. Steve stated that he was unsure of a given name. Dan Cook from the IDNR offered an answer, stating that aquifers of that nature do not get named.

Bruce Workman asked if the results being reported on the presentation slide (slide #8) were what you would expect in a typical well. Steve stated yes, it is what they would label as typical.

Paula Graham asked if the contaminated water from the aquifer gets into the Mississippi River at any point. Rodger Allison answered this question and stated that the aquifer goes beneath the Skunk River and does not travel to the surface water of the Mississippi River.

Paula Graham asked if the contaminated water from the aquifer is able to get into the wells in Ft. Madison, Iowa. Steve's answer was no.

Richard Johnson asked what the depth of measurement was in the wells. Steve explained that the depths of the wells are 60 feet.

Steve Bellrichard asked where Tetra Tech was in the Off-Post Groundwater Study. Steve Muffler stated that the study has been completed, and Tetra Tech is ready to go onto the next step.

Rodger Allison stated that the EPA had just recently signed off on the Off Post Groundwater ROD. Rodger explained that it had been ten years in the making and having the EPA sign off on it was a big milestone in the project.

Larry Orr asked what kind of treatment would be used for soil remediation. Steve stated that it would actually be similar to the Off Site Groundwater treatment. He explained that Tetra Tech would be testing several products, corn syrup being one of them. We will be collecting analytical data as we go and make some decisions after our testing was complete.

Bruce Workman asked why Tetra Tech would be treating the water from the Waste Water Treatment Plant (WWTP) Point Source Control for a period of two years. Steve directed the question to Rodger Allison. Rodger explained that the two-year time frame is a result of an agreement between the Army and the EPA. The purpose of the plan is to see what the contribution of contaminants being pumped into Brush Creek from the WWTP is. This is being conducted at this location and a couple of other NPDES outfalls

along Brush Creek. It is an assessment, and the two years of data should be enough information to make further decisions.

### **Line 7 Decontamination/Demolition Update**

John Coughlin from Plexus Scientific briefed the RAB from a slide presentation. Please see exhibit 4 for his presentation.

Paula Graham asked where Plexus would dispose of all the items found during inspections. John stated that all items would be disposed of in proper places as regulated by law. He also noted that Plexus must provide proof of the proper disposal and include that information in the final documents.

Lasca Yerington asked how far from the burn site does Plexus test the air. John explained that they do not test the air. He went on to say that Plexus has applied for a burn permit from the state, and had met with the DNR in Des Moines, Iowa yesterday. John explained part of the process in getting a burn permit is the calculation of emissions, and stated there are lots of rules to follow once you obtain a burn permit.

Paula Graham asked if Plexus had found “black powder” in the Line 7 bays during their inspections. John stated that they had found RDX as well as HMX. John also explained that the field tests that are used during the inspections would not tell exactly what was found, only the family of contaminant.

Richard Johnson asked if the concrete slabs would be left. John stated they would not be left.

Bruce Workman asked if barometric pressure was a factor in the burning permit process. John stated that he was not sure if barometric pressure was a factor or not. Plexus is still working on that part of the process.

Richard Johnson asked when the burning would take place. John stated that he wasn't sure at this point, but expected it to be October 2005.

Larry Orr asked where they get the pallets used during burning of a building. John explained that they buy pallets and the pallets must be made from untreated wood.

### **Committee Reports**

#### **Marketing**

Jeff Bergman stated that the display board is being relocated and reminded everyone that there is a second display board available if anyone has any idea of where it should be placed. Jeff also stated that he had another idea on marketing and suggested the members of the RAB should consider updating local governments of surrounding towns. He thought that by attending area city council meetings, the RAB members could update people in the community. Jeff stated that he thought a RAB member attending a city

council meeting should tell about the board, give the number of members, explain why the board was created, and why it has continued to meet all these years.

Bruce Workman was asked to do a presentation at a Burlington City Counsel meeting. Bruce stated that he would, if a presentation were to be created and ready for him to present.

Joel Behne asked if other RAB members thought it would be a good idea if LTC Judy gave an interview to the local newspaper, to tell the community what the RAB is and what they do. Rodger Allison said that he would ask the Commander about the interview.

### **Training**

There was no report at this time. Bruce asked that anyone with any ideas for training send him an email. Rodger Allison gave a list of training ideas that had been suggested. They included toxicology of explosives and Freon, phytoremediation, treatment technologies for soil and groundwater, ground water monitoring procedures, and how monitoring wells are installed. Rodger also stated that he would be presenting the CERCLA process at the next meeting.

### **Recruiting**

There was no report at this time, but Larry Orr did state that he would like to see young people getting involved and participating with the RAB.

Rodger Allison explained that Eric Orth and himself had given a presentation at the West Burlington High School, and agreed there may be some benefit to the development of a junior RAB.

Bruce Workman suggested that they needed to develop a program that can be passed on to the following years' class.

Jeff Bergman stated that teacher involvement would be of great help. Jeff then asked who the point of contact (POC) would be if someone was interested in developing a junior RAB. It was agreed that Larry Orr would be the POC.

Larry Orr suggested that maybe Tetra Tech would like to participate, by allowing job shadowing.

Rodger Allison stated that the Girl Scouts had shown an interest in learning about water sampling.

### **Budget**

There was no report at this time.

### **Public Comment**


There was no comment at this time.

### **Next Meeting/Draft Agenda**

The next meeting was scheduled for October 11, 2005 at the Winegard Board Room located in the Burlington/West Burlington Area Chamber of Commerce. Agenda topics suggested were Training, IRP update, Decontamination/Deconstruction update, and FUSRAP update. Anyone who has additional agenda topics can email them to Rodger Allison or Eric Orth.

The meeting was adjourned at 6:05 p.m.

Original Signed by:

  
Secretary

Original signed by:

  
Community Co-Chair

Original signed by:

  
Army Representative

Exhibits:       1 Attendees  
                  2 Agenda  
                  3 Project Update  
                  4 Line 7 Decontamination/Demolition Update

Exhibit 1

**RAB Members Present**

Joel Behne  
Jeff Bergman  
Glen Fullhart  
Mark Hagerla  
Elyn Holton-Dean  
Richard Johnson  
Dan Nelson  
Larry Orr  
Dean Vickstrom  
Bruce Workman

**RAB Members not Present**

Marjorie Fitzsimmons  
Eric Orth

**Government Members**

Rodger Allison  
Dan Cook

**Public**

Sara Garland

**Leon Baxter  
Paula Graham  
Lasca Yerington  
Sally Gaines  
Jimmy Tagert  
Sivent Iversen  
Steve Bellrichard  
Howard Reif  
Richard Teager  
John Coughlin**