

**IOWA ARMY AMMUNITION PLANT
RESTORATION ADVISORY BOARD
MINUTES
JANUARY 18, 2004**

The Restoration Advisory Board meeting was called to order by Richard Johnson 5:00 p.m. on January 18, 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 no changes made to the agenda.

Public Comment

There were no public comments at this time.

FUSRAP Update

Deborah Roush briefed the RAB from briefing charts. Please see exhibit 3 for her presentation.

Richard Johnson asked if any progress was made in determining what the Cesium object is or who it belonged to. Deborah explained that the object appears to be an Army object. The final determination has not been made yet. LTC Rory Tegtmeier stated that the origin of the object is still under dispute. The object was not something only the Army used. The parties agree that the area needs to be cleaned up.

Project Update

Rick Arnseth briefed the RAB from briefing charts. Please see exhibit 4 for his presentation.

Larry Orr asked what volume of water will be treated at the Waster Water Treatment Plant. Rick explained that the facility will have the capacity to treat 500 gallons per minute.

Bruce Workman asked if the water will be treated with charcoal. Rick stated the water will be treated with activated carbon.

Vaughn Moore explained that in the past when the sludge from the drying beds was removed it was placed on the Old Fly Ash Waste Pile. He also stated there is a mass buildup of TNT at Line 2. Rick stated that we are not finding TNT in Brush Creek because it is less mobile than RDX.

Paula Graham asked how close together the injections points are off-site. Rick explained that the injections points were put ten to twenty feet apart. The Treatability Study will help us determine how many injections points will be necessary.

Building Decontamination and Destruction

Mark Sylvester briefed the RAB from briefing charts. Please see exhibit 5 for his presentation.

Sivert Iversen asked what Nitrocellulose was made of. Mark explained that was used to make propellant and it is a dry white powder. Marion Burnside asked what would be done about asbestos. Mark stated the asbestos will be removed. Marion then asked what would happen if it can't be removed. Mark stated that in his experience there has only been one time that that the asbestos couldn't be safely removed. Plexus got permission to burn and then recover the asbestos. Paula asked if burning asbestos was planned. Mark stated asbestos will not be burned. Removing asbestos is a significant part of the cost to remove the buildings. The majority of the buildings at Iowa will be demolished with a heavy equipment. Paula inquired about whether Plexus had been in Line 6 or 9. She explained that she worked on both of those lines and a lot of powder could be in the nooks and crannies. Paula asked if there was a good record of what was in each building. Mark explained that they look at basic manufacturing processes for that information. She also asked what would be done with buildings polluted with beryllium. Mark stated that there was an emission standard for beryllium that will be followed. Paula stated that there are tile buildings in some of the lines, how will those areas be handled. Mark explained that he has not seen a circumstance where contaminants got inside the tile. They will investigate to make sure there are no surprises.

Dan Nelson asked where the debris will be taken. Mark stated the debris will be taken to a construction debris landfill, the steel scrap will be sold and the concrete will be recycled as concrete aggregate.

Marion Burnside asked if the fire department will be involved because the only people that are allowed to burn houses in Iowa are the Fire Department and farmers. Mark stated that each state has exceptions. Plexus will need to go to the State of Iowa to coordinate this effort.

Mark Hagerla asked how they monitor what is going into the air. Plexus state emission reports are based on the quantity of wood. Emissions are caused by the fuel that is burned. The emissions from TNT are trivial compared to the emissions from the pallets.

Vaughn Moore stated that a lot of people who worked in those areas know what could happen. The community does not like the idea. Mark stated that they will only burn the buildings that can not be safely demolished by other means. Plexus believes that this is the community's air, and will only ask to burn buildings that require it. From a contractor's point of view, burning is not where the profits are. It is much more profitable to bulldoze these buildings, but my first priority is to keep my colleagues safe.

Bioremediation

Rick Arnseth briefed the RAB from briefing charts. Please see exhibit 6 for his presentation.

Lasca Yerington asked in the permeable barriers would have to be replaced. In theory they would need to be replaced, but they can last a long time. They have to be permeable to work. If they clog and water cannot pass through they have to be reinstalled.

Committee Reports

Marketing

There was no report at this time.

Training

Bruce Workman thanked Rick Arnseth for his presentation and asked that the RAB members let him know if they have any training topics in mind.

Recruiting

There was no report at this time.

Budget

There was no report at this time.

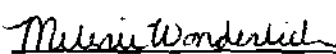


Public Comment

Paula stated that at times it is hard to hear people. She asked if it was possible to get a microphone.

Next Meeting/Draft Agenda

The next meeting was scheduled for March 15, 2005 at the Winegard Board Room located in the Burlington/West Burlington Area Chamber of Commerce. Agenda topics will be established at a later date. Anyone who has an agenda topic can e-mail it to Rodger Allison or Eric Orth.

The meeting adjourned at 7:00 p.m.

		
Melenie Wonderlich Secretary	Eric Orth Community Co-Chair	Leon Baxter Army Representative

- Exhibits:
- 1 Attendees
 - 2 Agenda
 - 3 FUSRAP Update
 - 4 Project Update
 - 5 Building Decontamination and Destruction
 - 6 Bioremediation

Exhibit 1

RAB MEMBERS PRESENT

Mark Hagerla
Richard Johnson
Dan Nelson
Larry Orr
Dean Vickstrom
Bruce Workman

RAB MEMBERS NOT PRESENT

Joel Behnc
Jeff Bergman
Marjorie Fitzsimmons
Glen Fullhart
Elyn Holton-Dean
Eric Orth

GOVERNMENT MEMBERS

LTC Rory Tegtmeier
Scott Marquess

PUBLIC

Brian Hareck
Howard Reif
Sivert Iversen
Lasca Yerington
Paula Graham
Sheila Tegtmeier
Vaughn Moore
Pete Garger
Mark Sylvester
John Carroll
Therman Huffman
Rick Arnseth
Purshotam Juriasingani
Steve Bellrichard
Leon Baxter
Melenie Wonderlich
Marion Burnside
Deborah Roush