

**IOWA ARMY AMMUNITION PLANT
RESTORATION ADVISORY BOARD
MINUTES
July 17, 2007**

The Restoration Advisory Board meeting was called to order by Eric Orth at 5:05 p.m. on July 17, 2007 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 one change to the agenda. Mrs. Jady Harrington from URS could not attend the meeting, and therefore, no MMRP update will be provided.

Public Comment

Vaughn Moore questioned what type of explosives the Army is finding at the end of K road where they are performing a sweep. Rodger Allison confirmed that Vaughn was referring to the Incendiary Disposal Area (InDA), and stated they have found M1A1 mines, blasting caps, and 75mm empty shells. Steve Bellrichard added that one mine was found and less than a dozen 75mm anti-personnel rounds and fuses. Vaughn further stated that he used to find mortar rounds at the InDA after it rained during his employment at the plant. Steve further added that the items were found approximately 100 meters off K road.

Rodger introduced the new commander of the IAAAP, LTC Benjamin Nutt.

Rodger mentioned the idea of transferring the Administrative Record from hard copies to a web-based repository. Rodger further added that the hard copies would be available at the IAAAP for review. Dan Cook added that the State has everything electronically. Scott Marquess mentioned that he thinks a requirement exists that entitles the Army to keep one hard copy. Eric Orth agreed that it would be good to keep one hard copy of all documents in the Administrative Record.

FUSRAP Update

Ron Frerker briefed the RAB from a slide presentation. Please see exhibit 3 for his presentation.

Remedial Investigation

Rodger Allison asked the location of the white screening sites. Ron Frerker and Steve Bellrichard replied that the white screening sites are located at the antenna farm just north of Yard H, 1 bunker in Yard F, and two bunkers in Yard E.

Dan Nelson questioned the depth of the gamma walkover device. Ron explained that it depends on what the contamination is. If the contamination were something with a strong gamma signature, you would see a little deeper. Ron further stated there are two things that make the difference for screening RAD: (1) shielding, and (2) distance. The farther away the device, the less contamination you will see.

Vaughn Moore asked if FUSRAP found contamination at FS 6. Ron responded that with the exception of FS 12, FUSRAP only found three pieces of DU at the remaining firing sites. He further added that FUSRAP did not find any contamination at FS 6.

Vaughn Moore confirmed the location of the white screening sites: Yard F (one bunker), Yard E (two bunkers), and the old antenna farm. Vaughn asked if FUSRAP checked the walls at Yard E where they use to crush the unit bodies. Steve Bellrichard stated that there were only two buildings on the list. Ron further stated that FUSRAP surveyed two buildings. Vaughn added that there used to be a wall where they took the unit bodies and crushed them with a bulldozer and flash burned the casings. Steve and Ron were unfamiliar with this and said they would talk with Vaughn after the meeting.

Vaughn Moore confirmed the bunker at Yard F that FUSRAP was screening as part of the white sites was the ERC Unit. Steve Bellrichard asked if the ERC Unit was referred to as the command bunker. Vaughn said "yes", and Steve confirmed that FUSRAP was screening it.

Ron explained that there was one building FUSRAP has not surveyed yet due to access restrictions. Sivert Iverson asked what building they were unable to survey and Ron said that right now he was unsure; the building is apparently classified so FUSRAP was restricted access.

Steve Bellrichard clarified that FUSRAP has previously surveyed FS 6 three or four years ago and removed two pieces of DU. Vaughn Moore added that they did hydro shots at FS 6.

Mark Hagerla asked if the area that FUSRAP was restricted access to was a working line. Ron stated that the building was a working line, but he does not know much about it other than the FUSRAP team is working with American Ordnance to see when FUSRAP can get access to it. FUSRAP is not anticipating finding any contamination, but they have to address it in order to close the loop.

Project Update

Rick Arnseth briefed the RAB from a slide presentation. Please see exhibit 4 for his presentation.

Demolition Area – Surface Cleanup

Vaughn Moore questioned if stovepipe packets were found at the Demo Area. Steve Bellrichard responded that he is unsure what a stovepipe packet is, but anything live and located on the surface or poking through the surface was disposed of by EOD. Steve further added that they found a lot of 155's, 90's, and grenade fuses at the Demo Area. Vaughn added that when the stovepipe packets blew, five guys died, and when the stovepipe packets were detonated, they scattered.

Compliance Cleanup Soil Removal

Scott Marquess asked if the compliance cleanup excavated soil was being disposed of at the Inert Disposal Area (IDA). Rick responded that the soil was being disposed of at the IDA and any soil Tetra Tech excavates as part of the Compliance Cleanup program would be taken to the IDA for disposal. Rick further stated that the Compliance Cleanup contaminated soil has the same cleanup levels as soils cleaned up under the IRP.

Dan Cook questioned if Tetra Tech has found any SVOC contaminated soil. Rick responded that they have not found any SVOC soil contamination.

Off-Site Groundwater Remediation

Dan Nelson asked if the off-site groundwater plume was shrinking. Rick said the plume boundary is shrinking, but the core of the plume is stagnant. Rick further explained that it looks like the plume has pulled north of the Skunk River and Tetra Tech is reviewing data from recent samples. Rick said that natural attenuation is taking its course at the far south end of the plume. Scott Marquess said that Tetra Tech has not done anything as far as full-scale treatment yet.

Jeff Bergman asked if the Army was getting cooperation from the off-site landowners within the plume. Rick said that they have received cooperation and that the Army spoke with the landowners in March.

Mark Hagerla asked how the new wells that Tetra Tech is installing in the off-site area is different than the current wells already there. Rick explained that the new wells are to inject the carbon material on the north end of the plume in the high concentration zone. Rick further added that Tetra Tech is installing a couple of new monitoring wells to monitor the plume close to the injection and on the private property to better define the plume. Rick stated that there are not many wells north of the high concentration area so Tetra Tech plans to install wells there as well. Mark asked if Mr. Miller cooperated to use his wells. Rick said that Tetra Tech is not using any wells on Mr. Miller's property. Rick further stated that they sample a well near his property.

Vaughn Moore asked how many wells were located in the off-site area. Rodger responded that "34" wells are located in the off-site area.

Vaughn Moore questioned the location of the off-site area groundwater plume. Rick explained that the plume is located just east of where the old Highway 61 rejoins with the new Highway 61, between the new and old Highway 61.

Dan Nelson asked if the Army was paying the water bills for the residents located in the off-site groundwater plume area. Rodger Allison responded that the Army hooked them up to Rathbun water supply, but does not pay their water bill.

Public Comment

Vaughn Moore stated that he has been advised that a fence was recently installed on the gate 1 side of the road beyond Yard C. Rodger Allison stated that he is unfamiliar with this. Steve Bellrichard said that American Ordnance was doing water supply line work on that road at one time, so the fence could possibly be a temporary construction fence. Rodger will follow up.

Vaughn Moore asked if any ground samples have been taken behind the old plant hospital where the incinerator used to be. Vaughn further stated that waste from Line 1 was burnt there. Rodger Allison stated that he is not aware of any samples taken there. Rodger will check with the Property Administrator on the records of an incinerator. Rodger will follow up.

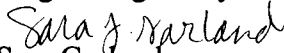
Scott Marquess suggested we shorten the frequency of meetings since the project is mature and the RAB's level of effort is not as great as it once was. There was some further discussion between the members regarding the frequency of meetings. Parties decided to discuss the frequency of the RAB meetings at the next meeting in October. Rodger will send an email to those not in attendance regarding meeting frequency.

Next Meeting/Draft Agenda


The next meeting was scheduled for October 16, 2007 at the Winegard Board Room located in the Burlington/West Burlington Area Chamber of Commerce. Agenda topics suggested were History of Programs (i.e. MMRP, CC, IRP, and FUSRAP), IRP project update, MMRP update, CC Update, FUSRAP update, and meeting frequency.

The meeting was adjourned at 6:06 p.m.


Original signed by:


Sara Garland
Secretary

Original signed by:


Eric Orth
Community Co-Chair

Original signed by:


Rodger Allison
Army Representative

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| Exhibits: | 1 | Attendees |
| | 2 | Agenda |
| | 3 | FUSRAP Update |
| | 4 | Project Update |

Exhibit 1

RAB MEMBERS PRESENT

Jeff Bergman
Marjorie Fitzsimmons
Mark Hagerla
Dan Nelson
Eric Orth

RAB MEMBERS NOT PRESENT

Glen Fullhart
Elyn Holton-Dean
Richard Johnson
Dean Vickstrom
Bruce Workman

GOVERNMENT MEMBERS PRESENT

LTC Benjamin Nutt
Rodger Allison
Scott Marquess
Dan Cook

GOVERNMENT MEMBERS ABSENT

Dan McGhee

PUBLIC

Vaughn Moore

Thurman Huffman

Howard Reif

Sivert Iverson

Ron Frerker

Steve Bellrichard

Andrew Maly

Sara Garland