

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

The Restoration Advisory Board meeting was called to order by Eric Orth at 5:05 p.m. on April 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 no changes to the agenda.

Public Comment

No comment at this time.

MMRP Update

Jady Harrington, from URS briefed the RAB from a slide presentation. Please see exhibit 3 for her presentation.

Scott Marquess asked if the RAB received copies of the Historical Records Review (HRR). Jady answered that only Eric Orth from the RAB received a copy of the HRR, but she could provide more copies if needed. Richard Johnson indicated he would like a copy of the HRR and Eric stated he would provide a copy to Richard.

Scott Marquess asked if the HRR was part of the Site Inspection (SI). Jady answered that the HRR is one deliverable of the SI. Jady went on to say that the other deliverable consists of an SI Report.

LTC Jack Judy asked what the acronym "MC" stands for. Rodger Allison asked Jady to explain "MC". Jady answered that "MC" stands for "munitions constituents". She further explained that MC is constituents that were used to produce munitions, typically metals or explosives. Munitions and Explosives of Concern (MEC) include unexploded ordnance (UXO), or any MC that are at a high enough concentration to pose a high explosive factor.

LTC Judy recognized that URS is performing an HRR and the sites haven't even been walked yet. Jady added that, as part of the HRR, URS has researched all sites to determine where MC is likely to be present.

LTC Judy asked if MC and MEC were found at the West Burn Pads (WBP). Jady explained the section south of the road referred to as WBP (south), which is believed to be an extension of the original WBP. Jady further explained that the IRP remediated the WBP (north of the road) down to bedrock and MC remained in the groundwater and surface water. Jady concurred when LTC Judy recognized that the WBP (south) would be added to the MMRP.

Scott Marquess asked what steps URS would take after HRR completion. Jady responded that URS is moving all sites forward into the RI phase because of the sampling done under the IRP and per the 2006 dispute resolution. Andrew Maly added that the Army is completing the SI to comply with the law requiring URS to perform a munitions response site prioritization protocol scoring to rank the sites. Andrew further added that completion of the SI is an administrative function for the Army. Scott stated he was unsure why URS is completing two reports instead of just one. Jady answered that URS has to meet the requirement of completing both reports per their contract with the Army (i.e. HRR and SI Report). Scott said it was his understanding that some sampling would take place under the SI phase. LTC Judy noted that since some of the MMRP sites are also IRP sites, extensive sampling has already been conducted at these sites and the Army is trying to get the work done faster per the 2006 dispute resolution.

Mark Hagerla asked if the Possible Demolition Site (PDS) was across the road from the pistol range. Jady answered that the PDS is indeed across the road from the pistol range. Mark added that he doesn't recall any testing taking place at the PDS. Rodger Allison added that the IRP recently removed contaminated soil from the PDS. Mark asked if the site was formerly used by the Atomic Energy Commission (AEC). Rodger answered that the PDS was a possible AEC site, but is unconfirmed. Steve Bellrichard added the correction that the PDS was never an AEC screening site. Mark further added that Vaughn Moore would disagree because Vaughn was adamant that AEC disposed of stuff at the PDS.

Steve Bellrichard updated the RAB on the recent UXO findings at the Incendiary Disposal Area (InDA). Steve explained that three different types of live munitions were positively identified recently at the InDA. Explosive Ordnance Disposal (EOD) from Ft. Leonardwood came out to the IAAAP to blow the items in place. Steve further explained that hunting zones in the InDA area are closed. Rodger further asked if the entire Maneuver Area was closed to hunting. Steve explained that only the top 1/3 of the Maneuver Area (zone 4C) is still open for hunting/recreational use. Steve added that K road leading into the InDA has been barricaded.

General discussion ensued regarding the handling and disposal of any UXO found during any future operations at the InDA. The group discussed areas of responsibility between contractors, the Iowa AAP, and EOD. LTC Judy said the Army would take action to remove any UXO that the public may be exposed to in the most safe and efficient manner possible.

FUSRAP

While in transition between presentations, Rodger Allison requested that Steve Bellrichard update the RAB on the areas where FUSRAP is actively investigating. Steve answered that FUSRAP is investigating Line 1 this week. FUSRAP found contamination and are trying to get the boundaries and depths of the contamination. He further stated that FUSRAP was investigating the Firing Sites last week. FUSRAP is over 50% done with their RI.

Project Update

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

On Post Soil Removals – IDA

Richard Johnson asked about the target date of the IDA cap. Rick answered that Tetra Tech is about two years away from capping the IDA.

WWTP Point Source Control

Richard Johnson asked what happens at the WWTP when the point source control terminates this November. Rick answered that Tetra Tech would let the water go without treatment for awhile to determine what is going into the creek untreated. Rick further added that they have sample locations up and down Brush Creek and at the plant boundary. Tetra Tech is looking at the influent and effluent data and plans to determine if the WWTP is still a contributor to the contamination in Brush Creek.

LTC Judy asked what Tetra Tech is looking for at the WWTP. Rick explained they are trying to determine if the WWTP is contributing to the contamination in Brush Creek; and if so, how much. Rick further added that the WWTP has a NPDES permitted outfall. Scott Marquess added that the Army needs to ensure no RDX is leaving the installation via surface water above 2 ppb. Scott explained that Tetra Tech is sampling monthly and compiling data to determine the impact. Scott further explained the mass/load contribution in Brush Creek.

OU1 Soil Excavations

Rodger Allison asked about the pending action at the Line 3 copper ditch. Rick explained that Tetra Tech excavated soil in a ditch at line 3 containing elevated levels of copper. They have performed a risk calculation on this ditch and determined there is no further risk to the Indiana bat. Tetra Tech is clarifying this calculation for the EPA.

Richard Johnson asked if the InDA was a new area. Rick answered that the IRP has recently excavated contaminated soil at the InDA. Richard questioned that the IRP has been in the InDA and has found ordnance. Rick explained that the IRP found ordnance on the edges of where they recently worked. Jady added that the MMRP RI work plan would be written to include the area outside of the InDA boundary.

L800 deep excavation

Steve Bellrichard noted that the excavation is holding water and that water appears red in color on the handout. Rick answered that the excavation accumulated water from the snow and storm water runoff. The excavation is in the vicinity of the line 800 groundwater plume which would explain why the accumulated water appears red. Scott Marquess asked how much corn syrup solution was placed in the excavation. Dean Johnson thought about 1500 to 2000 gallons of corn syrup solution was placed in the excavation.

IDA Proposed Plan

Mark Hagerla requested clarification on the soils disposed of in Trench 6 and 7. Rick answered that soils requiring treatment are disposed of in Trench 7. Once soils are treated, they are disposed of in Trench 6. Soils at low levels of contamination requiring no treatment are disposed of in Trench 6. Mark further asked if Trench 6 would be capped. Rick explained the plan of digging up Trench 7 once treated and disposing of it in Trench 6. Trench 6 would then be capped. Rick explained that this information is captured in the IDA Proposed Plan.

On-site Groundwater Treatability Studies

Jady Harrington asked if the wells located at the WBP (south of the road) would be looked at during the treatability study. Rick answered that he believes the study includes the whole area (WBP south and north of road), but is unsure.

Operating Policy

Rodger Allison indicated he made the adjustments to the draft operating policy as discussed during the January RAB. Parties accepted and signed the Operating Policy.

Member Participation

Rodger Allison spoke briefly about the quorum’s decision during the January RAB to send out a letter to the RAB members encouraging participation or resignation if need be. LTC Judy passed out commander’s coins to all RAB members present to express his appreciation of the board. Rodger added that Joel Behne has resigned from the RAB. Rodger also stated that Larry Orr is resigning from the RAB and moving to Germany. Scott Marquess questioned the status of the RAB Membership. Rodger explained that if a member did not call or show up at this RAB, they would be considered for dismissal. Rodger recognized the members not in attendance tonight are Marjorie Fitzsimmons, Glen Fullhart, Bruce Workman, and Dean Vickstrom. However, Dean called Rodger and indicated he would not make it to the RAB tonight due to a previous engagement. Richard indicated he would call Bruce. Present members suggested giving absent members a phone call to clarify if they want to resign or not. Parties recognized the absent members may have not been able to make it and are usually in attendance or call if they will be absent. Richard Johnson suggested we leave things as is for now until we find out about Marjorie, Glen, and Bruce. For the record, Marjorie did attend the RAB tonight, she just arrived late.

Co-Chair Election

The RAB elected Eric Orth as the RAB Community Co-Chair by acclamation.

Public Comment

No comment at this time.

Next Meeting/Draft Agenda

The next meeting was scheduled for July 17, 2007 at the Winegard Board Room located in the Burlington/West Burlington Area Chamber of Commerce. Agenda topics suggested were IRP project update, MMRP update, FUSRAP update, and overview of RAB for the new commander.

The meeting was adjourned at 6:25 p.m.

Original signed by:

Sara Garland
Secretary

Original signed by:

Eric Orth
Community Co-Chair

Original signed by:

Rodger Allison
Army Representative

- Exhibits: 1 Attendees
 2 Agenda
 3 MMRP Update
 4 Project Update

Exhibit 1

RAB MEMBERS PRESENT

Jeff Bergman
Mark Hagerla
Richard Johnson
Dan Nelson
Marjorie Fitzsimmons
Elyn Holton-Dean
Larry Orr
Eric Orth

RAB MEMBERS NOT PRESENT

Glen Fullhart
Bruce Workman
Dean Vickstrom

GOVERNMENT MEMBERS PRESENT

LTC Jack Judy
Rodger Allison
Dan Cook
Scott Marquess

GOVERNMENT MEMBERS ABSENT

Dan McGhee

PUBLIC

Howard Reif
Sivert Iverson
John Carroll
Steve Bellichard
Sara Garland
Andrew Maly
Jady Harrington