

**IOWA ARMY AMMUNITION PLANT
RESTORATION ADVISORY BOARD
MINUTES**

January 14, 2014

The Restoration Advisory Board (RAB) meeting was called to order by Elyn Holton-Dean at 9:00 a.m. on January 14, 2014 at the Comfort Suites Hotel.

Minutes Review

The minutes were accepted as written.

Agenda Review

There were changes to the order of the agenda; New Board Member introductions. Elyn Holton-Dean introduced new members of the RAB; Melenie Wonderlich, Thurman Huffman and Forest Morrisett.

Public Comment

There were no public comments.

FUSRAP Update

Brenton Barkley, FUSRAP program manager briefed the RAB from his slide presentation shown in exhibit 1 (IAAAP RAB FUSRAP Update).

Firing Sites 12 – Excavation Efforts

Brenton Barkley explained the contaminated clean-up efforts at Firing Sites 12. Line 1 has two buildings that are contaminated. Thurman Huffman asked “What two building are you referring to?” Linda Wobbe replied “Building 1-11 and 1-63-6.”

Vaughn Moore asked “At Line 1, when excavating the contaminated soil, what is used to break down the contaminate concentration before the removal?” Brenton Barkley replied “They did not mix soil because the levels were not high enough for soil mixing before transporting.”

Mark Hagerla asked “At the Firing Site, they anticipated 90% volume reduction for offsite disposal, how was this done?” Brenton Barkley replied “With a soil sorter.”

Steve Bellrichard asked “What was the cost savings for the removal?” Brenton Barkley replied “Quite significant. The Feasibility Study states to ship 16,000 cubic yards and only 2,000 cubic yards will be disposed due to the accuracy of the soil sorting.”

Mark Hagerla asked “Are there any areas missed from the excavation that would contribute to run off to Long Creek? Any contaminated from the heavy rains?” David Evans of FUSRAP replied “They have a plan in place to ensure there is no run off. There has been no contaminated run off found.” Linda Wobbe explained that the Line 1 Investigation for groundwater and surface water is currently on going as well. Brush Creek is the concern for contaminates.

PIKA Update – OU9 Construction Debris Sites

Kathleen Anthony of PIKA briefed the RAB from her slide presentation shown in exhibit 2 (IAAAP Remedial Investigation of Construction Debris Sites).

Paula Graham asked “Do the chemicals pose as a health threat when several chemicals are combined?” Kathleen Anthony replied “The risk assessment tests all the chemicals; the data set is looked at as a whole, which does combine chemicals to see if there is an effect.”

IAAAP PBC Project Update

Rick Arnseth of Tetra Tech briefed the RAB from his slide presentation shown in exhibit 3 (IAAAP PBC Project Update).

Rick stated that his presentation is a project update that includes the Old Fly Ash Waste Pile (OFAWP).

Lueene McCracken asked “Was arsenic tested at the OFAWP?” Rick replied that there was arsenic hit on the surface at the southern end which was identified to excavate for disposal offsite.

Vaughn Moore asked “How deep were the borings?” Steve Muffler of Tetra Tech replied “The deepest was at 24 feet, some were 8-10 feet and close to the surface.”

IDNR Representative, Dan Cook asked “What about Barium samples (Leachate)?” Rick Arnseth replied that the samples are not groundwater samples. Dan Cook asked why samples were not taken; Rick Arnseth replies that they implemented the work plan suggested from EPA concerns. Steve Muffler replied that groundwater samples were taken and results will be back for the next step in the process. Rick Arnseth agreed that there are issues beyond CERCLA at the OFAWP.

EPA Update - OFAWP

Sandeep Mehta of the EPA gave a brief description of the Old Fly Ash Waste Pile and stated that the concern is the sloughing from the pile into Brush Creek which has slowly sloughed over the last 40 years. Brush Creek runs to the Skunk River then into the Mississippi River which forms part of US waters. The EPA informed the Army that the Clean Water Act also applies to the OFAWP. IDNR and the EPA have inspected the OFAWP and the IDNR issued a letter of non-compliance to the Army to ensure the sloughing does not accrue. The intent is to stop the ash from going into Brush Creek.

Jim Stevens of EPA office of council stated that there is a Federal Facility Agreement (FFA) that relates to the implementation of CERCLA and the Research Conservation Recovery Act (RCRA) which deals with hazardous waste issues but the FFA doesn't address the other statutes as in the Clean Water Act. The EPA views the OFAWP as a pollutant and the Clean Water Act says pollutants cannot run into US waters. The Clean Water Act is authorized with the State of Iowa and is working with the EPA to be the primary driver working with the facility.

Sandeep Metha also states that the OFAWP consist of ash generated from the facility power plant which has not been active for the last 30 years.

Steven Bellrichard of IAAAP states that in June 2013 there were two inspections with the IDNR. The Army received a letter of non-compliance in July 2013. The Army tried to seek funds to address the sloughing issue, which no funds were available. The letter of non-compliance issue was the regulatory driver and who is responsible for the site. The Army conclusion is that the CERCLA process addresses the site, which should fund as well. The Army responded with a letter to the IDNR in August 2013.

Jim Stevens explains that CERCLA is a separate statute; the Clean Water Act applies to the Federal Government which is a separate requirement.

Sandeep Metha states the issue should be addressed under the Clean Water Act and not CERCLA.

Steven Bellrichard explains that the creek at normal level is not in the ash, only when there are high water levels. Steve said he has watched it for 3-4 years and it is stable. One issue is how to stabilize the pile without using heavy equipment; if heavy equipment is used a lot of ash would go into the creek. So if you try to take a temporary action to stabilize the slope until CERCLA works its course there would be so much ash in the creek.

Mark Hagerla asked "Does the Clean Water Act have any funds that can be used?" Jim Stevens stated the funding source should come from the Army. Steven Bellrichard clarifies that the Army was not authorized to stabilize but has money to work the CERCLA process. Basically the ash pile is 40 foot high and would be very hard to remove without sloughing. It seems the solution would be to either stop the creek or move the creek which would be expensive.

Commander Statement

LTC Michael Triplett, Commander of the IAAAP, briefed the RAB that Linda Wobbe has taken a new position in Okinawa, Japan with the Marines. Steven Bellrichard will be taking over the responsibilities temporarily until the position is filled.

Inquiry Topics

Linda Wobbe explained the inquiry topics from the last RAB meeting:

- New RAB Member Training – a new date is needed for the training
- Mathes Lake Sampling – The Omaha Corps of Engineers will be conducting the preliminary assessment. A contract should be awarded in February for interviewing to begin as soon as April or May.

Public Comment

Paula Graham stated that Lee County, Iowa wants to open another industrial plant in Wever, Iowa (North Lee County). She stated there would be someone contacting the plant for information about water contaminates.

Next Meeting/Draft Agenda

- The next meeting is scheduled for April 15, 2014 9:00 a.m. at the Comfort Suites Hotel. There were no agenda topics suggested.

The meeting was adjourned at 10:36 a.m.

Original signed by:



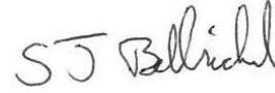
Jen Busard
Secretary

Original signed by:



Elyn Holton-Dean
Community Co-Chair

Original signed by:



Steven Bellrichard
Army Co-Chair

- Exhibits: 1 Attendees
 2 Agenda
 3 IAAAP FUSRAP Update
 4 IAAAP PIKA OU9 Construction Debris Sites Update
 5 IAAAP PBC Project Update

Exhibit 1

RAB MEMBERS PRESENT

Mark Hagerla
Elyn Holton-Dean
Thurman Huffman
Alan Koenig
Vaughn Moore
Forest Morrisett
Hans Trousil
Dean Vickstrom

GOVERNMENT MEMBERS PRESENT

LTC Michael Triplett
Linda Wobbe
Sandeep Mehta
Dan Cook

PUBLIC

Jim Bard
James Stevens
Dean Johnson
Jen Busard
Julie Solinski
Leon Baxter
Steve Bellrichard
Paula Graham
Lueene McCracken
Brenton Barkley
David Evans
Kevin Tiemeier
Kathleen Anthony
Darryl Howlett
Steve Muffler