

RESTORATION ADVISORY BOARD MINUTES

July 18, 2017

The Restoration Advisory Board (RAB) meeting was called to order by Jen Busard at 9:00 a.m. on July 18, 2017 at the West Burlington City Hall.

Minutes Review

The April 2017 meeting minutes were accepted as written. Vaughan Moore indicated that there was a statement at the meeting that RDX was used initially in the melts, however, in the minutes it was changed to TNT, which is correct.

Agenda Review

The July agenda was accepted as written.

New Members

Jen Busard indicated that there is a new commander for the IAAAP, Lt. Colonel Stephen Koehler, and Deputy to the Commander, Mr. Gifford Haddock. However, they could not attend due to a change of command at the Rock Island Arsenal.

Environmental Services Contract Update

Mike DeRosa of CH2M HILL presented the Remedial Investigation Update. The Draft Quality Assurance Project Plan (QAPP) for the site-wide work and several sites was submitted to USEPA on 20 April 2017. Comments from the USEPA have been received and are being addressed. The Draft-Final version of document and responses to USEPA comments are due 9 Aug 2017. The team is working with USEPA to get approval of the QAPP which is the work plan needed to start the Investigation. There were no questions on this matter.

A Mathes Lake specific QAPP has been developed to evaluate surface water and sediment in Mathes Lake. The Draft went to USEPA on 29 Jun 2017 and is currently under EPA review. Comments from EPA on the document are due 14 Aug 2017. Vaughn Moore asks if the proposed sampling will include the settling pond that was discussed previously. Mike DeRosa indicates that this will be discussed with EPA. Operations and maintenance (O&M) design plans have been developed for the three treatment systems at the IAAAP. Hunter Blair from PARS indicated that the O&M plans will be submitted to USEPA 19 Jul 2017. There were no further questions.

FUSRAP Update

Figerald Garcia provides update on FUSRAP work. Since last RAB, we have completed the annual environmental monitoring data and analysis report for OU-8; he offered 7 copies to interested parties. Although there were previous concerns that contamination from Firing Site 12 is leaving the site via Long Creek, samples collected every year in several locations in Long Creek show that no contamination is leaving the Firing Sites (the data is in the documents provided).

Remedial Action update: completed the remedial action at Area F and now moving to excavation in the G area. The northwest corner has been completed (area shown on the presentation graphic); this area is clean/ready for military/industrial use. The rest should

RESTORATION ADVISORY BOARD MINUTES

July 18, 2017

be completed within the next 2 years. Initially the area proposed for excavation was limited, but additional areas have been identified during investigation and therefore the

area has been increasing. About 680 cubic yards are being stockpiled. Area E remediation is completed. Currently excavating area G, then will move on to Area H. Figerald shows some pictures from the 2016 shipping campaign per previous request and 2017 construction photos.

Vaughan Moore asks what are you doing with the trees and things. Where is it going? Figerald Garcia responds that they are not doing anything at the moment, they are developing a plan to make sure no contamination leaves the sites. Currently they are considering chipping trees larger than 6 inches in diameter. Currently they are considering sampling 10% of the trees to make sure they are not contaminated before shipping them offsite.

Vaughan Moore says he is asking because the depleted uranium (DU) would have stuck to the trees during shots. Figerald Garcia responds that this is why they are being cautious and doing the sampling before transportation and disposal. No other questions.

Building Demolition Status

Randy Doyle, Environmental Coordinator at IAAAP, presented the demolition update. The demolition is part of the Army program to abolish obsolete infrastructure. Some of the buildings were built in the 1940s. Buildings at Line 6, Line 800, Line 8 and Line 5 are in first 3 phases. The intent is to remove all structures such that the area will be green pastures. After these Lines are demolished, then demolition will occur at active Lines 1, 3 and 3A to get rid of older facilities that are not needed. Bhate is sub-contracted to American Ordinance (AO) for the demolition activities, however, the facility is using local resources where possible, including moving services, dumpster services, renting machines, etc. The 3 phases in progress are:

Phase 1 - is almost done and closing storm water permit

Phase 2 - is 84 structures (only 2 buildings left)

Phase 3 - is for explosives contaminated buildings

Of the original 23, only 2 need to be decontaminated. The Department of Defense (DoD) safety board has approved the demolition plan for these buildings. The most recent update on the morning of the RAB meeting was that about 150 structures are demolished. Planning phase is for the 4 remaining sites (buildings at Lines 1, 2, 3, and few in 3A). The subsequent phase is left over buildings, water towers, septic tanks, etc. They are working with the Iowa Department of Natural Resources (IDNR). Phase 6 is taking out infrastructure as possible. It is possible that sewers may be abandoned in place.

Recycling efforts are being made due to federal government mandate for sustainability. As such, the work will recycle and divert as much as possible, where feasible. 16,000

RESTORATION ADVISORY BOARD MINUTES

July 18, 2017

tons of concrete have been recycled onsite so far (that is only half of the structures). Phases 4 and 5 have larger structures such as foundations that are 18 feet deep with 4 feet thick walls. 200 ton of metals have been recycled (mostly rebar from foundations). There was a lot of thick rebar in the foundations. Currently realizing an 80 percent diversion rate; but a higher rate is being attempted.

Stewardship is the number 1 priority. To do all things in compliance with all laws. At every facility that is coming down, an environmental contamination assessment is done first to look for asbestos, PCBs, paints, transformers, regulated materials (including lamps, universal waste), mercury thermostats, etc.

Line 6 example photos shown: Some areas are seeded and grass will be grown.

Line 8 example photos shows rebar and building concrete thickness.

L Yard final stabilization photos shown.

Hans Trousil asks what is being done with crushed concrete. Randy indicates that it is being stockpiled. The National Guard came in and helped build a parking lot for the farmers; some of it was used for that. It is being separated into those with rebar. The current crusher gets the rebar out but doesn't get all fencing (like chicken wire) out. Although some had no rebar, they are looking at funding to see if they can get a screen to remove the rest of the metal material from the concrete to stockpile it and use it for just about anything. It may be used for upcoming road projects as a sub-base; potentially through Yard G where the roads are old. He thinks some may be used for the city. Then the plan is to stockpile what is left. This may be used for sublayer of roads, etc.

Vaughan Moore asks after you get the buildings down, what kind of soil sampling results are you seeing, what are you seeing, where did it come from and what are you going to do with it? Randy indicates that his project is not to sample soil around the buildings. When we excavate, we will put black plastic down, GPS the four corners, and backfill, so that the Installation Restoration Program (IRP) staff will know where the excavations stopped at, and where to sample.

Vaughan Moore says that at Line 5AB, the tetryl was 8-foot deep, 12-foot out from those buildings. Randy says that yes, there are a lot of monitoring wells at Line 5AB and they are making sure to stay away from those. He asks if they will use this approach on Line 6 too, as there are detonators all over that area. Randy indicates that, yes, currently we need UXO clearance when working there.

Vaughan Moore asks, are you taking the ammonium nitrate line and tank farm area out at Line 8 too? Randy says not yet, this is on the agenda. Vaughan Moore states that previously nothing grew in that area due to contamination. Randy indicates that it is growing now; Mother Nature took care of itself. There are no more questions/comments.

New Location

Jen Busard thanks Hans Trousil for letting the RAB use City Hall.

RESTORATION ADVISORY BOARD MINUTES

July 18, 2017

Old Topics From Previous Meeting

Jen Busard indicates that the media distribution list has been updated (from last meeting minutes). Those newspapers and radio stations recommended to be added to the media list, have been contacted and added.

FUSRAP shipment photos (Figerald Garcia showed these today).

Building Demolition details was presented by Randy Doyle.

Action Items for Today

Jen Busard asks if anything is wanted for the next meeting.

Jen Busard indicates that the newsletter is in the back of the room with cover about bridge closures at the plant.

Public Comment

Public attendee asks if any of the concrete is contaminated and if so, what are you doing with it? Randy Doyle says we haven't run across any concrete that is contaminated.

Steve Bellrichard qualifies this by stating that we started with non-contaminated buildings. Randy Doyle confirms that the initial survey had some that had PCB-paints on them, but used USEPA method to test. If contamination is identified, it is properly disposed to a permitted landfill. They are working with FUSRAP in the firing sites areas to screen and let FUSRAP screen the concrete before releasing.

The public attendee asks what do you do if it is contaminated. Figerald Garcia says that if it is contaminated, then it will be disposed of with the soil. FUSRAP also indicates that if the contamination is depleted uranium it is FUSRAP's responsibility. If it is explosives, they have a method to clean it up.

Public attendee says she knew someone who worked at Line 1 and was concerned about a sealant that was used there that may have impacted her health. Robert Haines asks if it was a floor sealant. She understood it to be. Vaughan Moore asks if it was Torginol flooring? She says she isn't sure. Vaughan Moore says that they were putting it on the floor with safety staff that did not wear respirators or other personal protective equipment (PPE) and it was potent. That it was placed in the 40-buildings and the cells. That concerns this lady because it was supposed to take care of the problem. Vaughan Moore says they put that flooring down for absorption due to a nuclear war head that got dropped on concrete at Cell 6 in the past. Steve Bellrichard asks how would you recognize the sealant? Vaughan Moore says it looks like flaky linoleum. Steve Bellrichard is not sure if he has seen it. Vaughan Moore and Robert Haines indicate that it is there. Vaughan Moore said that as they mixed it, it was terrible. The mixers were covered in full PPE with respirators, but the guards did not have to wear PPE. Robert Haines said they would take the information to Doctor Forester's group. She appreciates that as her friend was told this would take care of it (referencing the flooring) but the Geiger counter went off.

RESTORATION ADVISORY BOARD MINUTES

July 18, 2017

Next Meeting/Agenda

The next meeting is scheduled for October 19, 2017, 9:00 a.m. at the Burlington Public Library, room A. Jen Busard asks if the RAB would prefer to continue meetings at City Hall. All were in favor and the meeting is planned to be held at City Hall.

Topics for the next agenda:

Hans Trousil likes the building updates. Randy asks if they would like anything specific? Vaughn Moore is concerned with work started in Line 1 because they don't know what happened there and it was bad. The RAB wants to know the building numbers. Randy Doyle says he will have to check to see if that is a security issue and has to clear that first. Vaughn Moore says there should be no security issue. Randy Doyle indicates he will check.

Hans Trousil asks if we have any more information about Lake Mathes? Steve Bellrichard says a plan was just submitted to USEPA. Steve Bellrichard assumes it would be part of the regular CH2M update.

The meeting was adjourned at 9:49 a.m.

Original signed by:



Kaitlin Nau
Secretary

Original signed by:



Elyn Holton-Dean
Community Co-Chair

Original signed by:



Jen Busard
Army Co-Chair

- Exhibits:
- 1 Attendees
 - 2 Agenda
 - 3 Environmental Services Contract Update
 - 4 FUSRAP Update
 - 5 Facility Demolition Status

Iowa Army Ammunition Plant
RESTORATION ADVISORY BOARD MINUTES
July 18, 2017

Exhibit 1

GOVERNMENT MEMBERS PRESENT (3)

Jen Busard
Sandeep Mehta
Dan Cook

RAB MEMBERS PRESENT (4)

Robert Haines
Thurman Huffman
Vaughn Moore
Hans Trousil

PUBLIC PRESENT (24)

Kaitlin Nau
Dean Johnson
Michael DeRosa
Jeff Morison
Nora Hawk
Juan Afable
Aaron Steele
Billie Jo Hatfield
Preston Law
Zaynab Murray
Randy Doyle
Figerald Garcia
Charles Davis
Bridgett Lyons
Stephanie Park
Teresa Trosen
Randy Cerar
Doran Schmeise
Matthew Bange
Steven Bellrichard
Gary Dean
Hunter Blair
Gary Mecham
Tara Mack

Total in attendance: 31