

**Iowa Army Ammunition Plant
Restoration Advisory Board
Minutes - 25 August 1998**

Internet Web Site:
<http://www2.teamiowa.com/rab/>

The Restoration Advisory Board (RAB) meeting was held 7:00PM on August 25, 1998 at the PZAZZ! Best Western Motor Inn, Burlington, IA. See Exhibit 1 for attendees.

RAB members were photographed for later inclusion in press releases and RAB Internet Web Site from 7:00PM to 7:15PM. Following this activity, the meeting was called to order at 7:20PM by Kathy Christy, who along with Mike Boyle served as alternate Community Co-Chairman, in the absence of Larry Orr. A welcome was extended to all people in attendance, especially Boy Scout Troop 3 and their Scoutmaster, from Burlington, IA. The scouts are working on their community merit badge.

The agenda, Exhibit 2, was reviewed and accepted. Minutes for the July meeting were accepted.

Rodger Allison, Army Co-Chairman, was introduced and proceeded to the first order of business, concerns about the groundwater and the issue of contaminated wells off post. There were 3 handouts profiling RDX, HMX and TNT entitled, Profile of Drinking Water Contaminants for Emergency Response, Exhibit 3. The Army recognizes there are impacts to groundwater wells located south of the IOWA AAP. The Army is committed to eliminating these impacts.

Continuing with Off Post Issues, Rodger explained the Federal Tort Claims Act, as defined by Headquarters, Industrial Operations Command (IOC).

The basis for Tort Claim:

- Claims based on death, personal injury, or damage or loss of property
- 18 January 1967
- Cause: Negligent or wrongful act or omission by military or government employees acting within the scope of employment
- A private person must have been liable under the same circumstances
- Is an administrative way to resolve claims prior to lawsuits
- Does NOT deny that wells were impacted

Submitting a Claim

- In writing to the Army Claims Service within two years
- Provide written notice of the incident and provide the amount claimed
- If denied, the claimant has six months to file a lawsuit

The current Tort Claim which was submitted against the government due to impacted wells was denied because no negligent, wrongful act, or omission had been committed since all discharges were legal at the time they were made.

**Iowa Army Ammunition Plant
Restoration Advisory Board
Minutes - 25 August 1998**

Internet Web Site:
<http://www2.teamiowa.com/rab/>

The second issue concerns Superfund Action which deals with a remedy. Cleaning up the environment is ongoing. However, the Army realizes there is still an impact which is the reason for an alternate water source hookup, offered to residents by the Army. The offer of hookup can either be accepted or denied. The Army has conducted off post sampling of the wells of five (5) residents and provided an alternate source which meets the requirements of Superfund Action. Sampling and monitoring is ongoing, showing a downward trend in explosives' concentrations. See charts in Exhibit 4.

Rodger gave a description of the plant area and the impacted areas, visually pinpointing those areas on an enlarged topographic map, which was on display.

Rodger fielded questions from Mr. Miller and Mr. Pleasant, residents who have impacted wells, and pointed out that while these issues are related they are really separate and must be handled differently. The claims issue is a matter for the courts and the Superfund issue is one we are directly addressing through our clean up activities which the RAB is a vital part of.

They brought up their concern about a resident drinking from an impacted well (this was also pointed out on the map). Rodger explained that the Army provided the source and that resident has evidently chosen not to use the provided source which was Rathbun Rural Water. Mr. Miller stated that the Army is not providing water. Rodger said the Army is responsible for providing a source. That practice is the standard for any Superfund clean up regardless of whether the lead agency is the Army or EPA or whomever.

Mr. Pleasant stated they had received filters on their wells in the past and bottled water was provided. Rodger stated that Army records show that contamination was found at the wells of some residents along Brush Creek in the late 1950's. The Army did provide filters at that time for approximately five residents. In 1973, the operating contractor and the Army changed their operating procedures and the contamination was no longer detectable, therefore, they stopped providing filters for the homes. Then in 1993 during follow on investigations, contamination was found above current Health Advisory Levels (HALs) and bottled water was provided for five residents residing south of the Iowa AAP. This bottled water was provided as an interim measure until the water source could be replaced.

Mr. Miller asked if this discharging was legal. Rodger Allison, Scott Marquess of EPA, Region VII and Kevin Howe of the Omaha District, United States Army Corps of Engineers (USACE) explained that as technology improved detection limits lowered and research over the years provided more data concerning the

**Iowa Army Ammunition Plant
Restoration Advisory Board
Minutes - 25 August 1998**

Internet Web Site:
<http://www2.teamiowa.com/rab/>

HALs. The Army had to meet tighter and tighter standards. HALs continued to drop to lower levels thus requiring additional action by the Army (investigations, clean up, etc.). This is why they saw different actions being taken by the Army during different periods of time.

General discussion ensued. The National Pollution Discharge Elimination System permit as well as contamination fate and transport issues were discussed.

Mr. Pleasant asked if the levels of past contamination were available. Rodger Allison said that he has no records before 1993 except some from the 1950's. These earlier records were very general and data was described in categories of high, medium, and low impact. Mr. Pleasant asked if there was a way to back calculate these levels of contamination and Kevin Howe and Scott Marquess indicated they were not aware of any means to do that.

Scott Marquess displayed a number of documents showing how the EPA establishes health risks in conjunction with the effects of TNT, RDX and HMX contamination. For more information visit the Internet Web Site located at <http://atsdrl.atsdr.cdc.gov:8080>.

Army action has evidenced tremendous improvement, as a result of the soils cleanup project at Line 1 and Line 800 which were considered the "hot spots". Both of these areas have drainage pathways leading to Brush Creek. The next investigation phase will assess areas further south along Brush Creek. This phase will include taking soil borings and assessing the soil and groundwater conditions found along Brush Creek. This investigative work will include discussions and hopefully cooperation among the residents living south of IOWA AAP. Members from EPA, Region VII will monitor all phases of this investigation. Various technical agencies, such as Harza Consulting Engineers & Scientists, a geological and surveying company, under contract with the Omaha District USACE, will be tasked with finding any subsurface conduits which may be acting as pathways and thus transporting contaminants from the IOWA AAP. The Army's intent is to eliminate the source of contamination and identify the potential pathways. The Army also recognizes that progress will be slow. It is very hard to predict when the off post investigations will conclude and what ultimate remedies will be chosen. The Army has an accomplished team, already working very hard to find resolutions.

Rodger then turned the meeting back over to the community co-chair.

**Iowa Army Ammunition Plant
Restoration Advisory Board
Minutes - 25 August 1998**

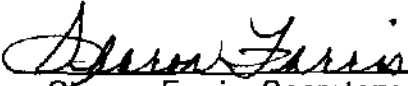
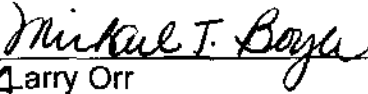

Internet Web Site:
<http://www2.teamiowa.com/rab/>

Concerning membership issues, a sign up sheet was circulated for those RAB members interested in serving on the RAB membership committee. Mike Boyle referred to the Operating Policy for responsibilities of a RAB member.

The IAAAP site visit, for RAB members, is scheduled for Tuesday, September 15, 3-7PM. Kevin Howe will present a briefing of the remediation areas to be visited during the tour. As before, the tour will be held rain or shine so please plan/dress accordingly. The September RAB meeting will be held on site, following the tour. The meeting place will be in the Administration Building, the actual meeting room has not been determined. This meeting will be considered a "working session" where membership issues will be addressed, current direction of the RAB will be discussed and progress to date will be assessed.

LTC Hewitt thanked the RAB members, the public and Boy Scout Troop 3 for their attendance. He also commended the group on the interest that they have shown to date concerning the environment and urged them to remain concerned about the environment and health risk assessments. Referring to tonight's presentation that showed a decrease in the levels of contamination, LTC Hewitt reminded everyone that we are seeing good results with that one data point. LTC Hewitt encouraged the RAB members to continue to help the Army help the community. LTC Hewitt stated that the Army agencies and the RAB are on the right path and he encouraged the guests in attendance to join this process.

The meeting adjourned at 8:50PM.

		
Sharon Farris, Secretary Mason & Hanger Corporation	Larry Orr RAB Co-Chair	Rodger Allison IOWA AAP Co-Chair

- Exhibits:
- 1 RAB Sign In Sheet
 - 2 Agenda
 - 3 Profile of Drinking Water Contaminants for Emergency Response, RDX, HMX, TNT
 - 4 Off Post Well Impact, presented by Rodger Allison

EXHIBIT 1

RAB MEMBERS PRESENT

Bob Arbige
Jeff Bergman
Mike Boyle
Kathy Christy
Glen Fullhart
Mark Hagerla
Don Kuechmann
Eric Orth
Dean Vickstrom
Don Walker
Richard Wiele

RAB MEMBERS NOT PRESENT

Ronald Bickford
Marjorie Fitzsimmons
Raymond Hall
Larry Orr

GOVERNMENT MEMBERS

Rodger Allison
Leon Baxter
Capt. George Davis
Joe Haffner
LTC Jyuji D. Hewitt
Larry Johnson
Scott Marquess, EPA
Kevin Howe, COE

**MASON & HANGER
CORPORATION**

Jeff Hibler
Lori Landeche
Sharon Farris
Ronald Durbin

PUBLIC

Jerry Pleasant
James Miller
Marc Matteson
Brian Gall
Brian Day
Stuart Mason
Matt Hewitt
David Rappenecker
Tony Matteson
J. Greg Johnson, COE