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MINUTES FOR RESTORATION ADVISORY BOARD MEETING HELD 6 APRIL 2000 KANSAS  
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April 6, 2000

MEMORANDUM FOR DISTRIBUTION

SUBJECT: Minutes of the Restoration Advisory Board (RAB) Meeting

Place: U.S. Marine Corps Headquarters Building (Bldg 710), Richards-Gebaur

Date: Thursday, April 6, 2000

Attendance:

Bill Powell, Belton, RAB Co-Chairman

Mike Nicklow, AFBCA/Rickenbacker, RAB Co-Chairman

William McFarland, RAB Co-Chairman

Ed Baker, BAH

Peter Barrett, CH2MHILL

George Bauml, Unitec

Tim Brecheen, AFBCA

Brad Brink, COE-KCD

Ed Brown, AFCEE

Paul Carroll, AFBCA/DB

Sabina Chowdhury, WPI

Dale Cira, VBA

Vincenzo Crifasi, COE-KCD

Kay Grosinske, AFCEE

Jim Harris, MDNR

Robert Jones, KCAD

Bob Koke, EPA Region 7

Tom Laflin, USACE

Don Meuschke, MCSA KCMO

Carolyn Mills, Resident

Ira Mills, Resident

Ning Li, CH2M Hill

Kris Moore, Dames & Moore

Dennis O'Neil, Resident

Charles J. Smith, FOR-GA

John Walls, SBA

Bob Zuiss, Booz-Allen

Gary Johnson, CCI

Adam Yarbrough, CCI

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Item 1 Summary of completed and upcoming field work

Peter Barrett of Ch2M Hill gave a presentation about the Remedial Investigation/ Feasibility Study (RI) the Air Force has been working on. He explained the RI components, which include preparing the work plan and getting it approved, conducting field work and collecting samples, analyzing field samples, identifying additional data needs, and preparing the final report.

He said the RI work plan took six weeks to write – beginning 25 June 1999 – and ten more weeks to review and revise with the Air Force Base Conversion Agency (AFBCA), Missouri Department of Natural Resources (MDNR), the federal Environmental Protection Agency (EPA), and a final AFBCA review. The plan was approved on 20 Oct. 1999.

Barrett said that during the RI field investigation, which began on 20 Oct. 1999, they used a 14-person field team to investigate 16 sites, with 57 groundwater samples, 103 soil samples and 41 sediment and surface water samples. The data was entered into a Global Positioning System (GPS) database with the locations for accurate mapping. The fieldwork was completed on 10 Dec. 1999.

Barrett reported that CH2M Hill is currently analyzing the field samples with over 1,100 chemical analyses for chemicals of concern. Those chemicals include Volatile Organic Compounds (VOCs), such as solvents and degreasers; Total Petroleum Hydrocarbons (TPH), including gasoline, jet fuel, diesel and lubricant oil; Semi-Volatile Organic Compounds (SVOCs), which are the result of petroleum product combustion; and metals, which may have come from paints, batteries or spent ordnance. He said the results of the analysis are also being entered into the database.

He said that as this phase is completed they are evaluating the results to see what additional work – if any – needs to be done in each area. He said CH2M Hill began compiling the data into the Geographic Imaging System (GIS). That data includes sample analytical results, sample location coordinates, groundwater elevations, geologic descriptions and EPA cleanup standards. He said when CH2M Hill completes the work, they will re-assess the site conditions.

Barrett said they had six sites ready for closure, five sites proceeding to the FS, and on five more sites where they still need more data to be able to move on. He said they were investigating VOCs in the groundwater on the sites that still had data needs. (SS 003 - oil-saturated area, SS 006 – former hazardous materials storage area, SS 009 - fire valve area, CS 004 - former waste acid tank, and ST 005 – former petroleum oil lubricant yard) At those sites, they found evidence of VOCs in six of the 57 groundwater wells.

He said they would collect the needed data by installing more monitoring wells at each site and studying groundwater samples. The new samples will help delineate the extent of

the VOC contamination, describe the site hydrology and evaluate the risks to health and environment.

Barrett reported that CH2M Hill is preparing the RI report using GIS technology to manage all the data using maps to represent base, site and sample locations, as well as the sample results.

Using a GIS tool, Barrett demonstrated how CH2M Hill is using maps to show where bedrock, water and limestone lie in the areas they are investigating.

#### Item 2. Update on FUDS activities

Bill McFarland of the U.S. Army Corps of Engineers (USACE) reported on the status of Formerly Used Defense Sites (FUDS). He said that at Bldg. 1010 – the hangars on the north side, toward highway 150 – there was no change and a “No Further Action” document had been submitted to MDNR and EPA regulators. He said that at the West Burn Area – west of the runway – they also had a “No Further Action” document submitted for approval.

McFarland reported that the Low-Level Radiation Disposal Cell had been removed and the Final Closure Report has been provided to MDNR, awaiting their concurrence on the Corps’ recommendation of ‘No Further Action.’ He said the South Conterminous Area was in process; the Corps prepared a Draft Feasibility Study (FS) Report in September 1999 and submitted it for regulatory review. Comments have been received from one reviewer, and the Corps is in the process of coordinating responses, making the necessary changes and is well underway in the finalization of this document. The Corps is also preparing a draft FS Report for the for the Northeast Landfill (NEL) site, which is located on the eastern edge of the Skeet Range site and adjacent to Andrews Road. The NEL Draft FS Report should be ready for regulatory review by June 16, 2000.

He reported that the Herbicide Burial Area has a Final Closure Report released to MDNR and EPA for review and is also waiting for concurrence to the Corps’ recommendation of ‘No Further Action.’ He said they were doing quarterly samples of existing wells and providing reports to the city, MDNR, the EPA and AFBCA. He said they should also have an annual report completed by the end of the calendar year. USACE has finished work on four sites and are nearly halfway complete with the entire project after two years. They will do a series of proposed plans for the remaining sites, and then will begin the remedial design and construction.

McFarland noted that USACE administrative records on the project are now available in hard copy at the Grandview Mid-Continent Library, where the AFBCA documents are on C.D. USACE will be putting their future documents on C.D  
Other business

Nicklow said that RAB meetings are held every quarter, with the next meeting on 13 July 2000, a week later than usual to accommodate for holiday travel.

John Walls of Grandview asked where the containers of dirt were sent and what route they took. Kris Moore of Dames & Moore said they were transported during the day out Andrews Road to 71 Highway, then north to I-435 to Holiday drive, where they were placed at the landfill. Walls asked if they were just dumped or if they were burned. Moore said the soil is just placed in the landfill.

Charlie Smith of Grandview asked which agency was responsible for the 2 sites south of Markey Road. Nicklow said AFBCA had soil removal actions at those sites. He said they had previously removed tanks that had heating oil. This action removed fuel that had leaked into the soil. Smith then asked if monitoring wells were being placed at the sites. Moore said that there were borings around them to confirm removal of the fuels, but no wells as no water had been found.

McFarland thanked Nicklow for his service on the base. Nicklow has been reassigned. Paul Carroll of AFBCA was introduced as the new BEC for Richards-Gebaur effective 1 May 2000

The RAB agreed that the next RAB meeting would be July 13, 2000, at 7 p.m., in the USMC Training Room.

Meeting Adjourned.

Minutes compiled and submitted by:

Adam Yarbrough, CCI