



DEPARTMENT OF THE ARMY
US ARMY INSTALLATION MANAGEMENT COMMAND
HEADQUARTERS, UNITED STATES ARMY GARRISON
4551 LLEWELLYN AVENUE, SUITE 5000
FORT GEORGE G. MEADE, MARYLAND 20755-5000

IMME-PWE

September 17, 2015

MEMORANDUM FOR Restoration Advisory Board Members

SUBJECT: Minutes for the September 17, 2015 Restoration Advisory Board Meeting

1. The Restoration Advisory Board (RAB) meeting was held on September 17th, 2015, at 7:00 p.m. at the Marriott Courtyard located at 2700 Hercules Road, Annapolis Junction, Maryland, 20701. The next RAB meeting will be **Thursday, November 19th, 7 p.m.**, at the Marriott Courtyard, 2700 Hercules Road, Annapolis Junction, Maryland, 20701.

2. The following RAB members were present:

Mr. Mick Butler, Fort Meade Co-Chair
Mr. Rusty Bristow, Community Member
Mr. Bill Dehn, Anne Arundel County Health Dept.
Mr. Wayne Dixon, Community Member
Ms. Elisabeth Green, Maryland Department of the Environment
Mr. George Knight, Fort Meade Restoration Manager
Mr. David Tibbetts, Community Co-Chair
Mr. Bob Stroud, U.S. Environmental Protection Agency
Mr. Fred Tutman, Community Member

3. Members not present:

Ms. Kellyann Few, Community Member
Mr. Martin Madera, Alternate Community Co-Chair
Mr. Harry Neal, Community Member

4. Others present were:

Mr. Steve Cardon	Fort Meade-BRAC
Mr. Walt Chahanovich	Fort Meade-SJA
Ms. Sarah Gettier	AECOM
Ms. Katrina Harris	Bridge Consulting Corp.
Ms. Emily Justice	CB&I
Mr. Jerry Kashatus	AECOM
Mr. Mark Magness	CB&I
Ms. Erin McKinley	Fort Meade Environmental Division (contractor)

Ms. Dijon Rolle	Fort Meade Public Affairs Office
Mr. Keith Shepherd	Arcadis
Mr. Jim Styers	Architect of the Capitol
Ms. Denise Tegtmeyer	Fort Meade Environmental Division (contractor)
Mr. Harry Wolf	Mosaic

5. Announcements and Minutes:

a. Mr. Mick Butler welcomed everyone and invited all present to introduce themselves and sign in.

b. Mr. Tibbetts made a motion to approve the July 9th, 2015, meeting minutes. The motion was seconded and unanimously adopted to approve the July 9th, 2015, minutes.

6. Old Business:

a. Mr. Butler stated there were no outstanding items and the Board concurred.

b. Mr. George Knight updated the Board on the environmental support contracts. He advised CB&I had been awarded the ERMA (Environmental Remediation Multiple Award) 1 contract for Operable Units 1, 3 and 5. He stated the second contract would be a Multiple Award for Environmental Services (MAES) contract through the Army Corps of Engineers, Baltimore District. He noted this contract should be awarded by the end of the month and will include the new sites AECOM (formerly URS) had investigated that need further work and Cell 3 at the Closed Sanitary Landfill. Mr. Knight advised the third contract would include the continued long-term monitoring and operations/maintenance at several sites; this contract will be a small business ERMA contract and should be awarded in early October. Mr. Knight explained MAES and ERMA contracts are processed through a short list of pre-qualified contractors who then bid on Scopes of Work as they are presented.

c. Mr. Butler thanked Mr. Knight for his hard work on getting the new contracts in place. The Board also recognized Mr. Knight's efforts with the contracting process.

7. CB&I Environmental Services Contract:

a. Mr. Butler introduced Mr. Mark Magness of CB&I, an Army contractor.

b. Mr. Magness stated he would be giving a general overview of the three sites included in the recently awarded contract to CB&I—the Former Trap and Skeet Range, the Former Nike Site, and the DRMO Site and Plume. He said as the work proceeds, he will be giving more detailed presentations at future meetings.

c. Mr. Magness noted the contract is through the U.S Army Environmental Command, and Mr. George Knight is the Contracting Officer Representative (COR). He gave some facts about CB&I, noting it acquired Shaw Group in 2013. Mr. Magness advised staff from the

Belcamp, Maryland, office would be performing the work; some of the staff had already been doing work at the Closed Sanitary Landfill, Cells 1 and 2, where the soil cover is being repaired. Mr. Magness displayed an organization chart for CB&I project staff and noted he is the Project Manager and Ms. Emily Justice who was also present is a Task Manager/Biologist.

d. Mr. Magness displayed an aerial photograph showing the site locations. He stated CB&I would be picking up the work in the current Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) phase of Remedial Investigation/Feasibility Study with contract options to advance the sites to Proposed Plan, Record of Decision, and Remedy in Place (RIP). Mr. Magness advised the Remedial Investigation has been finalized at the Former Trap and Skeet Range, while the Remedial Investigations are not yet final at the Former Nike Site and DRMO Site. Mr. Magness stated CB&I is currently developing needed work plans.

e. Mr. Magness next discussed the Former Trap and Skeet Range. He reminded the Board it was used from the mid-1970s until 1994. He stated the Remedial Investigation was finalized in 2013; the investigation found there are polycyclic aromatic hydrocarbons (PAHs) which are associated with the former use of clay pigeons and lead associated with lead shot exceeding regulatory criteria. Mr. Magness noted the risk assessments found no unacceptable risk to human health based on the reasonably anticipated future use of the land as military/industrial. He stated the risk assessment identified some potential for ecological impacts from lead and lead shot in the soil and the need for further evaluation. He displayed a photograph of the site and the concentrations of lead in the soil; he noted the highest levels of lead are co-located where the highest concentrations of lead shot have been identified. Mr. Magness said the proposed Remedial Action Objectives in the Remedial Investigation are to limit the exposure of potential human receptors to the impacted soil and to ensure potential ecological receptor exposure to lead in soil is reduced to the extent feasible. He advised a Remedial Alternative will be discussed at a future meeting, followed by the development of a Proposed Plan, a public meeting, a signed Record of Decision, and implementation of the selected remedy.

f. Mr. Magness discussed the Former Nike Site, noting it operated from 1955 to 1972. He said the Remedial Investigation started in 2006, and the most recent field work was performed in 2010. He advised some additional sampling needs to be done to complete the Remedial Investigation, and then the Feasibility Study will be developed. Mr. Magness said all media (soil, groundwater, surface water and sediment) have been evaluated, and human health and ecological risk assessments have been completed. He advised the primary concern is trichloroethene (TCE), a chlorinated solvent in groundwater; there have also been some elevated levels of metals detected in the groundwater. He explained there had been some detections of bis (2-Ethylhexyl) phthalate (BEHP) which is a common laboratory contaminant, so the additional investigation will take a closer look, although it has been reported several times. Mr. Magness showed the general groundwater flow direction on a map. He said some additional information will be collected to refine the remedial alternatives and fill in any remaining data gaps. Mr. Magness said this site is small and has been well defined. He noted the path forward is to take water level measurements, collect a round of groundwater samples, finalize the remedial investigation, and prepare the feasibility study to evaluate remedial alternatives. Mr. Magness

advised the proposed Remedial Action Objective is to reduce the TCE mass to eliminate downgradient impacts. He stated CB&I will also be preparing the Proposed Plan and Record of Decision and implementing the remedy.

g. Mr. Magness discussed the Defense Reutilization and Marketing Office (DRMO) Site and Plume, noting it is a fairly large groundwater plume. He reminded the Board some buried drums had been removed, along with impacted soil, in 1995 which were the source of the groundwater contamination. Mr. Magness showed a figure conceptualizing the groundwater plume as it may now exist; he noted additional data will be collected to fully characterize the plume and tetrachloroethene (PCE) levels, and to analyze parameters to help refine the remedial alternatives. Mr. Magness said the highest concentration of PCE detected in the plume in 2009 was 156 ug/L compared to a Federal standard of 5 ug/L. Mr. Magness advised CB&I will be completing the Remedial Investigation and preparing the Feasibility Study. He noted the proposed Remedial Action Objectives are to prevent downgradient migration of PCE and to remove the PCE mass. He stated CB&I also will be preparing the Proposed Plan and Record of Decision and implementing the remedy.

h. Mr. Magness reviewed the schedule of activities for each of the three sites. He said for the Former Trap and Skeet Range, the internal draft Feasibility Study is targeted for October 2015 with a draft to the regulators in December 2015; the Proposed Plan and Record of Decision are targeted for the spring of 2017. Mr. Magness said the Former Nike Site and DRMO are on the same approximate schedule with the work plan being developed in the fall of 2015, field activities occurring in the spring of 2016, a Final Remedial Investigation/Feasibility Study developed in the spring of 2017, and a Proposed Plan and Record of Decision finalized in 2018.

9. Update on the Nevada Avenue Investigation:

a. Mr. Butler introduced Ms. Denise Tegtmeyer of Sundance Consulting to give an update on the Nevada Avenue investigation.

b. Ms. Tegtmeyer displayed a chart showing the sampling results over the last 12 months. She stated the sampling results show fairly steady detections of tetrachloroethene (PCE) at 1.1 to 1.2 parts per billion. Ms. Tegtmeyer advised sampling at one property has not been done in the last two months as the homeowner needs to repair the spigot.

c. Ms. Tegtmeyer discussed the next steps in the project. She advised the monthly sampling of the homes had been ongoing since 2009/2010, and Fort Meade would be discussing with the regulators reducing the sampling to quarterly. She stated additional investigation will be conducted to see if there is a source on Fort Meade for the Nevada Avenue contamination. Ms. Tegtmeyer advised the distribution of a fact sheet resulted in a newspaper article and a request for sampling at a location on Berger Street, as well as a new bottled water request on that street. Ms. Tegtmeyer said the fact sheet and the most recent report are on the website.

d. Mr. Butler added that a new homeowner (not on Nevada Avenue or Berger Street) did not receive information about the investigation or bottled water when they purchased the

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home. He said the homeowner contacted Fort Meade's Public Affairs Office for more information. Mr. Tibbetts asked if the information should have been provided during the real estate transaction, and Ms. Tegtmeyer said the property had been sampled in 2009 and nothing detected; therefore this is no risk and nothing to cover in a title change. Mr. Bill Dehn added that during a property transfer the tests are just for underwriting purposes and not required by the county or state unless a new well is proposed.

10. Open Discussion/New Business:

a. Mr. Knight discussed the five-year review underway at Fort Meade in coordination with the Army Corps of Engineers, Buffalo District. He stated the review would be looking at the Former Pesticide Shop and the Former Mortar Range sites. He advised Board members may be contacted as part of the review process. He explained questions would be sent to the Board members in advance of an interview.

b. Mr. Knight reported that the 20 previously vacant housing units adjacent to the Manor View Dump Site have been reoccupied. The residences are operated by Corvias Military Living, which has voluntarily installed a sub-slab depressurization system as an added precaution.

c. Mr. Knight invited Board members to let him know of any potential topics for future Board meetings.

d. The meeting was adjourned at 8:04 p.m.

MICHAEL P. BUTLER
Chief, Environmental Division

CF:
RAB MEMBERS