



REPLY TO
ATTENTION OF:

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

IMND-MEA-PWE

May 16, 2014

MEMORANDUM FOR Restoration Advisory Board Members

SUBJECT: Minutes for the May 15, 2014 Restoration Advisory Board Meeting

1. The Restoration Advisory Board (RAB) meeting was held on May 15th, 2014, at 7:00 p.m. at the Holiday Inn Express located at 7481 Ridge Road, Hanover, Maryland, 21076. The next RAB meeting will be **Thursday, July 17th, 7 p.m.**, at the Holiday Inn Express, 7481 Ridge Road, Hanover, Maryland, 21076.

2. The following RAB members were present:

Mr. John Burchette, U.S. Environmental Protection Agency
Mr. Mick Butler, Fort Meade Co-Chair
Mr. Wayne Dixon, Community Member
Mr. George Knight, Acting Fort Meade Restoration Manager
Mr. Martin Madera, Community Member
Mr. David Tibbetts, Community Co-Chair
Mr. Brian Chew for Ms. Kerry Topovski, Anne Arundel County Health Dept.
Ms. Elisabeth Green, PhD, Maryland Department of the Environment

3. Members not present:

Mr. Rusty Bristow, Community Member
Ms. Kellyann Few, Provisional Community Member
Mr. Harry Neal, Community Member
Mr. Howard Nicholson, Community Member
Mr. Fred Tutman, Community Member
Mr. Francis Coulters, U.S. Army Environmental Command

4. Others present were:

Mr. Jim Carroll	Maryland Department of the Environment
Mr. Walt Chahanovich	Fort Meade, Office of SJA
Mr. Tom Crone	ARCADIS
Ms. Sarah Gettier	URS
Ms. Katrina Harris	Bridge Consulting Corp.
Mr. Jerry Kashatus	URS
Ms. Erin McKinley	Fort Meade Environmental Division (Osage of Virginia)
Mr. Alex Smith	CBI

5. Announcements and Minutes:

a. Mr. Mick Butler welcomed everyone, and Mr. David Tibbetts called the meeting to order. Mr. Butler invited all present to introduce themselves and sign in.

b. Mr. Tibbetts made a motion to approve the March 20th, 2014 meeting minutes. The motion was seconded and unanimously adopted to approve the March 20st, 2014 minutes.

6. Old Business:

a. Mr. Butler stated Mr. Paul Fluck had reviewed the annual Report to Congress in great detail at the last meeting. Mr. Butler noted Mr. Fluck had mentioned Fort Meade's portion of the Department of Defense funding for environmental programs is approximately \$100 million, provided to the Garrison through the Army Environmental Command. Mr. Butler advised Mr. George Knight's upcoming presentations will show where some of the funding was spent and also address some questions raised by Mr. Tutman at the last meeting as to how the environmental cleanup process at Fort Meade got started and evolved. Mr. Butler explained that Fort Meade's contribution comes about after a process which includes details on what happens each fiscal year such as accomplishments and projections for the next year. He stated the information goes to the Army who forwards to the Department of Defense who then develops the Report to Congress.

b. Mr. Butler advised he would be presenting a package to the Garrison Colonel for approval of an additional Board member and hopes to announce at the next meeting that it has been approved.

c. Mr. Butler showed several award plaques recently presented to the Fort Meade Environmental Division. Mr. Butler noted the awards would not have been received without the participation and input from the Board members. He explained the first plaque was the Secretary of the Army's Environmental Award. Mr. Butler advised Ms. Denise Tegtmeier of Osage of Virginia and part of Fort Meade's Environmental Office was not present as she was accepting an award from the Society of American Military Engineers. He explained this award was for Honorable Mention in the Project of the Year category for the work done at the Manor View Site. Mr. Butler expressed his appreciation to Fort Meade's staff, ARCADIS, the regulators, and the Board members for their work on the Manor View Site which will enable the Army to get military families back in those homes in the not too distant future. Mr. Butler advised he had nominated Mr. Knight and Mr. Fluck for the government's Federal Executive Board award programs which recognizes Federal employees only and showed the award presented to Mr. Knight and Mr. Fluck. Mr. Wayne Dixon recognized the accomplishments and led the Board in a round of applause.

7. Installation-Wide Status:

a. Mr. Butler introduced Mr. Knight and noted Mr. Knight had taken on the work previously performed by Mr. Fluck. Mr. Knight said he would first be presenting a summary of

all the active Installation Restoration Program projects so the Board would have a perspective on the entire program. He displayed a tracking spreadsheet and stated it is used during Federal Facility Agreement quarterly meetings. He said the spreadsheet identifies actions taken for each site during the last 90 days and what activities are expected in the next 90 days. Mr. Knight explained the sites are listed by the EPA Operable Unit (OU) designation.

b. Mr. Knight stated OU-1 and -3 are the ongoing Remedial Investigations/Feasibility Studies at the Former Trap and Skeet Range and the Former Nike Control Site. He said those two projects, plus OU-5, the Defense Reutilization and Marketing Office site, were investigated by Kemron. Mr. Knight reminded the Board Kemron had presented a summary of their work at a Board meeting a few years ago. Mr. Knight stated Kemron was no longer working on these projects, and they have not yet been completed. He stated Fort Meade is in the process of preparing a new performance-based contract that will be competed towards the end of 2014 and will capture these projects. The Army hopes to begin the feasibility study and work with the regulators to fill in some gaps in the remedial investigation under the new contract.

c. Mr. Knight advised OU-2, the Troop Boiler Plant, has been closed and the system decommissioned. Mr. Knight stated this site was mentioned in the award submissions as 98% of the system (metal and concrete) was recycled.

d. Mr. Knight noted that part of OU-4 will be discussed later in the meeting. Mr. Knight displayed the list of items completed in the last 90 days and stated much is going on at this operable unit. He also displayed a list of what the Army expects to accomplish in the next 90 days.

e. Mr. Knight next discussed the Pesticide Shop, OU-10, and noted the Removal Action has been completed. He displayed the list of items expected to be completed in the next 90 days.

f. Mr. Knight stated at OU-12, the Closed Sanitary Landfill, the annual inspections and annual monitoring of the wells are ongoing.

g. Mr. Knight advised work is proceeding at OU-29, Architect of the Capitol.

h. Mr. Knight noted the OU-36, the Manor View Dump Site, will be discussed by Mr. Tom Crone of ARCADIS later in the evening. He stated monitoring and reporting continue at this site.

i. Mr. Knight next discussed FGGM 95 and 96 and explained these are sites in the Preliminary Assessment/Site Investigation phase with much data generated over the last year. He stated the field work had been completed for this initial phase and draft summary reports prepared. He advised the golf course sites are on a fast track because of planned redevelopment. Mr. Knight said there are about 50 areas of interest; some had been closed prior to this phase and some additional sites may now be closed. He advised some of the sites will advance to the next phase of Remedial Investigation/Feasibility Study. Mr. Knight said a possible topic for the next meeting is to do a summary of at least some of these projects.

j. Mr. Knight displayed the Military Munitions Response Sites. He stated at Inactive Landfill No. 2 fence repair and maintenance has occurred, along with inspections.

k. Mr. Knight summarized his presentation by stating many activities are occurring at the base, and there are many areas of interest in the preliminary phase of investigation.

l. Mr. Tibbetts asked about obtaining a copy of the spreadsheet. Ms. Erin McKinley responded it is available on the web site. Mr. Tibbetts asked if it could be emailed to him, and Mr. Knight agreed to email.

8. History of Environmental Investigations:

a. Mr. Knight stated he would be presenting a historical summary of environmental activities at Fort Meade prior to the signing of the Federal Facility Agreement. He stated the information is summarized in the Installation Action Plan and gave a web site link for the document (<http://www.ftmeade.army.mil/environment>). Mr. Knight displayed a statement of purpose for the Installation Action Plan and noted it explains how the plan guides the Army through the efforts to plan the coordination and investigation and remediation of the sites, including coordination with the regulators and the community, as well as projecting overall Army funding levels.

b. Mr. Knight displayed the historical summary from the Installation Action Plan, noting it gives the Public Law citation, as well as discussing the Base Realignment and Closure Act and environmental regulations which impact the environmental program at Fort Meade.

c. Mr. Knight displayed and discussed the Contamination Assessment. He noted it begins with the 1980s initial assessment by the agency which is now the Army Environmental Command. He stated Fort Meade was identified as needing further investigation of the Active Sanitary Landfill, which eventually became one of the sites that resulted in Fort Meade being listed on the National Priorities List. Mr. Knight advised that in 1994 funds were obtained to close and cap first cell 1 and then cell 2, with the contamination consisting of metals and solvents. He stated partly because of the landfill site, Fort Meade was added to the National Priorities List in 1988. Mr. Knight said the Federal Facilities Agreement was signed by the Army, EPA, the Department of the Interior, and the Architect of the Capitol and went into effect in 2009.

d. Mr. Knight displayed a table of all the environmental studies which occurred at Fort Meade, starting 1977 until being added to the National Priorities List in 1998. He noted many of the studies were done on a regional basis, looking at large geographical areas, or the entire installation. He stated each year the studies and methods of investigation got more in-depth.

m. Mr. Tibbetts stated documents like this presentation are extremely helpful and asked that the document be emailed to him. Mr. Tibbetts asked if there is list of all the studies done since listing on the National Priorities List. Mr. Butler stated all studies since the listing are part

of the Administrative Record, and Mr. Knight added that the current Installation Action Plan also contains historic information on studies conducted.

n. Ms. Erin McKinley displayed a map showing all the Installation Restoration Program and Military Munitions Response Program sites, both closed and active sites. Mr. Knight noted the map is part of the Site Management Plan and is also available on the web site.

9. Update on Manor View Dump Site:

a. Mr. Butler introduced Mr. Tom Crone from ARCADIS, a contractor to Fort Meade's environmental program.

b. Mr. Crone stated since the last Board meeting there had been a public meeting and some community outreach on the Manor View Site Proposed Plan that he would be discussing, along with reviewing the schedule and monitoring.

c. Mr. Crone displayed the major steps in the Comprehensive Environmental Restoration, Compensation and Liability Act (CERCLA) process. He noted the remedial investigation and feasibility steps are complete, as well as the proposed plan step. He advised a public comment period and public meeting had been held on the Proposed Plan. Mr. Crone said the next step is the Record of Decision which selects the final remedy for the site. He said a draft of the Record of Decision is with EPA and Maryland Department of the Environment. Mr. Crone advised a draft of the Remedial Design document is being prepared, and this document discusses the details of the remedy such as what, where and when with respect to sampling and how land-use controls will be implemented. Mr. Crone said once the Remedial Design was approved, the remedy would be implemented.

d. Mr. Crone showed a graphic of the CERCLA process with the addition of the steps for a Non-Time Critical Removal Action. He reminded the Board all stakeholders had agreed such an action was necessary, and a public meeting and notice had been completed for that action. He stated the removal action also had been completed and discussed at many previous meetings. Mr. Crone explained the Proposed Plan discusses the final remedy for the site now that the removal action has been completed. He stated the Proposed Plan phase also has public notice and meeting requirements, which have been completed.

e. Mr. Crone displayed a map showing the site location in the central portion of the installation.

f. Mr. Crone displayed an aerial photograph of the site, noting the cross-hatched pink section indicates the area where waste was removed during the removal action. He advised the yellow cross-hatched area shows where debris remains in place with a soil cover on top of it.

g. Mr. Crone explained the Proposed Plan summarizes what was in the Feasibility Study and was made available for public review. He stated the Proposed Plan for Manor View summarized three alternatives--no action as required by CERCLA; maintenance of the existing

soil cover with land use controls to make sure the waste is not disturbed and long-term monitoring of groundwater, soil vapor and indoor air; and, installation of a low permeability cap, land use controls, and long-term monitoring.

h. Mr. Crone noted the preferred alternative which was presented at the public meeting is Alternative 2, maintenance of the existing soil cover. He stated this alternative takes advantage of the two to eight feet thick soil cover present at the site, and all stakeholders have agreed the existing cover offers the same protection as a low permeability cover. Mr. Crone displayed a list of land use controls that would be included and stated they include signage and prohibitions on certain types of actions that might pose a risk to human health or the environment.

i. Mr. Crone advised the remedy includes continuing the soil gas monitoring for methane which has been conducted for some time, and the results have been presented at Board meetings. He stated the long-term monitoring will also include groundwater monitoring in accordance with requirements of Maryland's solid waste monitoring program. Mr. Crone said a small crawl space at Manor View Elementary School also will be monitored as there had been a low-level detection of trichloroethene (TCE). He said the remedy also includes site inspections to make sure the soil cover remains protective. Mr. Crone stated another part of the remedy is the CERCLA-required five-year review process where remedies are examined every five years to ensure they are still protective.

j. Mr. Crone stated the Proposed Plan public comment period was from March 20 to April 19. He said a public meeting was held on the installation on March 27, following a public notice in The Capitol. Mr. Crone advised no written or oral comments were received at the meeting or during the public comment period so it appears the public is supportive of the remedy.

k. Mr. Crone reviewed the schedule of upcoming activities. He said several documents are being finalized, including the Record of Decision which is expected to be signed this summer. Mr. Crone advised the Remedial Design is being prepared. He noted two rounds of groundwater and indoor air long-term monitoring events are planned for later this year, in addition to a second round of methane monitoring. Mr. Crone said a Remedial Action Completion Report will be prepared which will finish the task order for 2014.

l. Mr. Crone next reviewed the most recent results from methane monitoring which occurred in March 2014. He displayed an aerial photograph and explained the green triangles indicate locations where there have been no detections over the last four monitoring periods. He advised the March 2014 sampling showed no detections of methane above the lower explosive limit. Mr. Crone stated the next scheduled methane monitoring event will be in August, probably concurrent with the groundwater sampling.

m. Mr. Wayne Dixon asked about the BGE gas line near the housing and whether it had been determined if that was impacting the methane monitoring. Mr. Crone said they had met with BGE and agreed to continue monitoring until there was a high enough detection to analyze

for a fingerprint to tie the methane to BGE. Mr. Crone said more than a year has passed, and high enough concentrations to do that analysis have not been seen. He noted BGE field sensors also did not detect anything. Mr. Butler added that the yellow hatched area Mr. Crone had displayed on the map contains woody debris which most likely will still produce some methane.

n. Ms. Elisabeth Green asked about the status of military families moving back into the housing. Mr. Butler responded that the Corvias, the Army's military housing partner, is hiring a consultant to look at what could be done to the homes to ensure they are safe, and they will come back to the Army and make a recommendation.

10. Update on the Nevada Avenue Investigation:

a. Mr. Butler introduced Ms. McKinley of Osage of Virginia to give an update on the Nevada Avenue investigation..

b. Ms. McKinley advised she would be giving an update on the monthly sampling results. She reminded the Board Ms. Shelly Morris of ARCADIS had given a detailed presentation on the project at the last meeting. She stated the monthly sampling at the three homes on Nevada Avenue had been most recently conducted on April 8 and May 13. Ms. McKinley said the results have been received for April, and the May results will be reviewed at the July meeting. Ms. McKinley displayed a map showing the three locations.

c. Ms. McKinley displayed a table showing monitoring results from the last 12 months through April 2014. She noted there had been low level detections of tetrachloroethene (PCE) in all three wells, ranging from 1.3 to 2.1 parts per billion compared to the EPA standard of 5 parts per billion. Ms. McKinley displayed a graph showing all the monitoring data from 2009 through April 2014.

d. Ms. McKinley said the next steps in the project include the groundwater investigation report which is in draft form and being reviewed; the report is expected to be finalized in August. She noted the Army will continue to provide bottled water service and monitoring through March 2015, with the potential to extend these services under a new contract after that point.

11. Open Discussion/New Business:

a. Mr. Butler thanked all who attended the groundwater treatment system ribbon cutting for Operable Unit 4 earlier that day.

b. Mr. Butler invited Board members to contact him with any suggestions for topics for the next meeting.

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c. The meeting was adjourned at 8:02 p.m.

A handwritten signature in cursive script that reads "Michael P. Butler".

MICHAEL P. BUTLER
Chief, Environmental Division

CF:
RAB MEMBERS
FGGM GARRISON COMMANDER
PUBLIC AFFAIRS OFFICE