



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

REPLY TO  
ATTENTION OF:

IMND-MEA-PWE

September 17, 2012

MEMORANDUM FOR Restoration Advisory Board Members

SUBJECT: Minutes for the July 19, 2012 Restoration Advisory Board Meeting

1. The Restoration Advisory Board (RAB) meeting was held on July 19<sup>th</sup>, 2012, at 7:30 p.m. at the Captain John Smathers Army Reserve Center, Hwy 175, Fort Meade, Maryland. The next RAB meeting will be **Thursday, September 20<sup>th</sup>, 7 p.m.**, at the Captain John Smathers Army Reserve Center.

2. The following RAB members were present:

Mr. Tim Berkoff, Community Member  
Mr. Rusty Bristow, Community Member  
Mr. John Burchette, U.S. Environmental Protection Agency  
Mr. Mick Butler, Fort Meade Co-Chair  
Mr. Paul Fluck, Fort Meade Restoration Manager  
Mr. Martin Madera, Community Member  
Mr. Harry Neal, Community Member  
Mr. David Tibbetts, Community Co-Chair  
Ms. Kerry Topovski, Anne Arundel County

3. Members not present:

Mr. Wayne Dixon, Community Member  
Mr. Francis Coulters, Army Environmental Command  
Ms. Ivana Maksimovic, Community Member  
Mr. Howard Nicholson, Community Member  
Mr. Kurt Riegel, Community Member  
Mr. Fred Tutman, Community Member

4. Others present were:

Mr. Steve Cardon	Fort Meade BRAC Office
Mr. Walter Chahanovich	Fort Meade Office of the Staff Judge Advocate
Mr. John Cherry	ARCADIS
Ms. Elisabeth Green	Maryland Department of the Environment
Ms. Katrina Harris	Bridge Consulting Corp.
Mr. Tim Llewellyn	ARCADIS

Ms. Shelly Morris	ARCADIS/Malcolm Pirnie
Ms. Lisa Nickerson	Bridge Consulting Corp.
Ms. Denise Tegtmeier	Fort Meade Environmental Division
Mr. Bob White	ARCADIS

5. Announcements and Minutes:

a. Mr. Paul Fluck welcomed everyone. Mr. Dave Tibbetts called the meeting to order. Mr. Fluck noted the Board meeting had been preceded by a public meeting on the Former Mortar Range Proposed Plan, and he expressed his appreciation for the many Board members who attended that meeting. Mr. Fluck invited anyone interested in receiving a copy of the public meeting transcript to send him an e-mail request. He invited all present to introduce themselves.

b. Mr. Fluck reminded everyone of the importance of signing out and the location of restrooms and exit doors.

c. Mr. Fluck made a motion to approve the May 17, 2012, meeting minutes. The motion was seconded and unanimously adopted to approve the May 17, 2012, minutes.

6. Outstanding Items:

a. Mr. Fluck stated an outstanding item was the environmental web site, and Ms. Denise Tegtmeier would be giving an update on the web site enhancements.

b.

b. Mr. Fluck discussed the distribution of documents. He stated documents provided to the regulators also are provided to the Board members for review and comment. He noted pursuant to the Federal Facilities Agreement draft documents have a 60-day review period, after which draft final documents are prepared. He continued explaining draft final documents have up to 30 days for comments or concurrence by EPA and then the documents become final. He encouraged Board members to send him an email with any comments on any documents. Mr. Fluck explained there are two types of documents. He said the first are primary documents which are most of the documents discussed at Board meetings such as remedial investigations, feasibility studies, proposed plans, and Records of Decision. He explained secondary documents are documents such as long-term monitoring reports. He said the Federal Facility Agreement does not have different review periods for primary and secondary documents, so the same timeline is used. Mr. Fluck advised the Federal Facilities Agreement envisioned a draft final document becoming final upon issuance of concurrence by EPA. He noted it is possible the Army might receive concurrence from EPA quickly, before the 30-day review period ends, thus, putting the Board members at a disadvantage. Mr. Fluck stated Fort Meade would accept EPA's concurrence and move forward on the project; however, should a Board member have comments they would be given full consideration and adjustments made as needed. He emphasized community comments are important and encouraged; simultaneously Fort Meade wants to proceed as quickly as possible to identify any risks and mitigate those risks so there is a sense of

urgency. Mr. Fluck said he would keep the Board advised of when EPA has concurred on a document and encourage any Board comments to be submitted quickly. Mr. Fluck asked if this approach sounded reasonable, and the Board members agreed.

7. Fort Meade Environmental Web Site:

a. Ms. Tegtmeier showed the Fort Meade web site home page and indicated the link for Environmental Programs. She stated clicking on Environmental Programs would take the user to a page with all of Fort Meade's environmental programs. Ms. Tegtmeier advised important documents and public notices are kept on the home page, such as announcements for that evening's Board and public meetings. She mentioned a key document available on the web site is the updated 2012 Draft Site Management Plan which has a page for every site of interest at Fort Meade. She continued explaining this comprehensive document is helpful in getting familiar with Fort Meade's environmental sites.

b. Ms. Tegtmeier next demonstrated the information available by going to the Environmental Cleanup Program page. She noted information explaining the program is on this page along with links for program sites. Ms. Tegtmeier noted adding program sites is in progress and currently the sites listed are the Former Mortar Range and Manor View. She stated various documents related to these sites can be downloaded.

c. Ms. Tegtmeier discussed the Restoration Advisory Board page and advised it includes a list of Board members, documents for review, and meeting information. She noted the meeting information page will have a current section with information for one year's worth of meetings and then an archived section for older information. Ms. Tegtmeier said the meeting information will include the agenda, minutes, and presentations.

d. Ms. Tegtmeier displayed information available on the Military Munitions Response Program page and noted details related to each site and documents will be added soon.

e. Ms. Tegtmeier invited Board members to suggest any information they would like to see on the web site. Mr. Tibbetts asked if the web site would eventually have a repository of all environmental documents. Ms. Tegtmeier said future plans include making the web site documents interactive and being able to access all of the documents. She stated a list of all the documents which are part of the Administrative Record is on the web site. Mr. Tim Berkoff asked if there is a map showing an overlay of all of the sites. Ms. Tegtmeier said there is not such a map currently, but the Site Management Plan has a master map showing all of the site boundaries.

8. Manor View Dump Site, Methane Generating Waste Removal Action:

a. Mr. Fluck noted Mr. Bob White of ARCADIS would be providing an update on the removal action.

b. Mr. White introduced himself and noted he had been working for the past two years on the Manor View project and had been the onsite field engineer for the last five months. He stated his presentation included what has been accomplished at the site up through that morning, as well as work planned for the near-term future.

c. Mr. White showed an aerial photograph of the site, highlighting the 10-acre dump site and the approximately one-acre western portion of the site which had been identified as containing methane-generating waste.

d. Mr. White reminded the Board the removal action had three distinct phases. He said the first was site control and preparation. He stated the second phase was the excavation which had just been completed, and the site restoration phase was underway.

e. Mr. White reviewed the work completed to date, noting all the waste had been excavated and disposed of off-site, the site has been completely backfilled, and a topsoil layer has been placed over the site in preparation for site restoration and grading of the site according to the design documents. He stated ongoing activities include stabilizing the bare soils, coordinating a final as-built survey to document existing conditions, and some retrofitting of the soil vapor extraction system.

f. Mr. White next showed a series of photographs depicting a portion of the site at different phases of completion. He stated the excavation started in the western portion of the site and proceeded eastward. Mr. White pointed out the layer of overburden soil and the common borrow material brought onto the site. He noted excavation would be immediately followed by backfill.

g. Mr. White next showed photographs of the work completed since the last Board meeting including excavating, backfilling, and grading. He stated the site had been brought up to final grade.

h. Mr. White showed a table of anticipated activities and actual activities. He noted the amount excavated was more than twice what was originally anticipated with approximately 25,000 tons of material removed. He explained the increase resulted from field observations of the construction crew leading to expansion of the excavated areas. He continued explaining that sporadic methane readings at certain locations also led to additional excavation to address any residual methane-generating material.

i. Mr. White displayed a map showing the original anticipated excavation limits and the actual expanded limits. He stated the three areas where the excavation was expanded was the eastern limit of disturbance, vapor monitoring points 30 and 31, and vapor monitoring point 1. Mr. White said at the eastern limit of disturbance the excavation was advanced an additional 15 to 20 feet to remove additional material. He explained the additional excavation around the monitoring points was due to sporadic methane detections. Mr. White showed photographs of the three areas and the type of materials seen at these sites.

j. Mr. White reviewed the air monitoring being conducted in real-time during the excavation to monitor for volatile organic compounds and dust particulates. He showed a picture of the monitoring equipment. Mr. White advised that during the nine weeks no readings exceeded an action level.

k. Mr. White summarized current activities and stated they are focusing on site stabilization which will be followed by seeding. He noted a post-removal monitoring program will be implemented which consists of one quarter of weekly monitoring, one quarter of monthly monitoring, and two quarterly sampling events. He advised the soil vapor extraction system will be re-started and purged for two weeks. Mr. White said after revegetation there will be weekly inspections to ensure erosion and sediment controls are effective until the vegetation is established. He noted a complete report on the removal action will be submitted to the Army and the regulators.

l. Mr. Harry Neal asked if the vapor extraction system would remain in place. Mr. White responded it is not anticipated that the system will be needed, but it would be kept in operational status for the near-term future.

m. Mr. Berkoff asked about media reports of ordnance being found at Manor View. Mr. White responded that a few pieces of munition debris had been found by the onsite unexploded ordnance technician and the discoveries reported to the Army per the contingency plans in place. Mr. Butler added that the explosive ordnance team had responded and taken possession of the items and transported them back to Fort Belvoir and Andrews Air Force Base.

9. Update on the Manor View Site Recovery System:

a. Mr. White stated the vapor extraction system had been shut down for the last three weeks to simulate post-removal action conditions. He said during those three weeks the methane detections around the periphery and by the community were non-detect. He said the other results of note are low-level detections from three weeks ago and were around the vapor monitoring points 30 and 31 where additional excavation was then performed. Mr. White said the expectation is that the results will continue to be consistent.

b. Mr. Butler asked for confirmation that the PVC piping had been retrofitted for above ground to below ground, and Mr. White confirmed this statement.

10. Update on the Odenton Groundwater Contamination Interim Measures Project:

a. Mr. Fluck introduced Ms. Shelly Morris of ARCADIS/Malcolm Pirnie.

b. Ms. Morris showed a map of the study area and noted the investigation is now focused on the Nevada Avenue area. She showed a summary of the monthly sampling conducted at residents' homes on Nevada Avenue over the past 12 months, noting the levels are staying about the same or slightly declining. Ms. Morris also showed a chart of the sampling

results for tetrachloroethene (PCE). She explained there had been one exceedance of PCE at the beginning of the project, but the levels have been decreasing.

c. Ms. Morris reviewed the next steps in the project and stated the work plan had been approved in August 2011, and work continues on obtaining the needed legal right-of-way agreements to install the off-post wells. She stated there will be three off-post wells installed and one on-post well.

d. Ms. Morris advised some repairs had been done to monitoring wells 123, 124, 125, and 126 and showed a photo of the repair work. She advised the repairs had been done in January, and the wells were sampled in February.

e. Ms. Morris reviewed the sampling results from 2004 to 2012 for off-post deep monitoring wells 125 and 126. She advised there were no exceedances in monitoring well 125d during the most recent sampling and some exceedances of carbon tetrachloride and PCE in monitoring well 126d.

10. Open Discussion/New Business:

a. Mr. Fluck stated recent severe weather had caused several large trees to fall on Inactive Landfill No. 2. He advised the trees had been removed, and the fence will be repaired in a couple weeks. He noted the Department of the Interior had provided assistance with cutting and removing the trees, and their assistance was appreciated.

b. Mr. Fluck advised a small brush fire had occurred the previous day on top of cell 1 of the Closed Sanitary Landfill. He stated Fort Meade and the Odenton fire departments had responded, and the fire was extinguished within an hour. He noted about two acres had been burned. He said the cause is not known, but heavy rains helped to restrain the spread of the fire. He advised the passive gas venting system was damaged, and plans are being developed to fix the system. He noted weekly inspections will be done of the landfill.

c. Mr. Berkoff asked for an update on the newly discovered waste site mentioned at the last meeting. Mr. Fluck reminded the Board the site (Site Y) was discovered after a groundskeeper mentioned seeing artifacts at Ernie Pyle and 9<sup>th</sup> Street similar to those recovered from the Manor View dump site. He stated the acre-site consists of 100 to 150 individual dump truck piles of waste. He said Fort Meade has proceeded with having the waste stream fully characterized and notified Maryland Department of the Environment of the site discovery. Mr. Fluck stated samples were collected and analyzed for a broad range of compounds, and results are just being received and should be ready for presentation at the next Board meeting. He noted the long-term plan is to have the debris removed pending the availability of funding, and the cleanup plan will be submitted to the regulators for review. Mr. Berkoff if there had been any progress in identifying who disposed of the materials at the site. Mr. Butler said a request had been sent to the U.S. Army Corps of Engineers for all projects within the suspected time frame, and that information had been received and the information compared to aerial photographs. Mr. Butler said he sent back a request to see three contract files.

IMND-MEA-PWE

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d. Mr. Fluck invited Board members to contact him with potential topics for the next meeting.

e. The meeting was adjourned at 8:54 p.m.



FOR:

MICHAEL P. BUTLER  
Chief, Environmental Division

CF:  
RAB MEMBERS  
FGGM GARRISON COMMANDER  
PUBLIC AFFAIRS OFFICE