



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

November 10, 2010

MEMORANDUM FOR: Restoration Advisory Board Members

SUBJECT: Minutes for the September 16, 2010 Restoration Advisory Board Meeting

1. The Fort George G. Meade Restoration Advisory Board (RAB) meeting was held on September 16, 2010, at 7:00 p.m. at the Captain John Smathers Army Reserve Center, Hwy 175, Fort Meade, Maryland. The next RAB meeting will be **Thursday, November 18<sup>th</sup>, 7:00 p.m.**, at the Captain John Smathers Army Reserve Center.

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. Paul Fluck, Fort Meade Restoration Manager  
Ms. Laurie Haines, Army Environmental Command  
Mr. Howard Nicholson, Community Member  
Mr. Kurt Scarbro, Maryland Department of the Environment  
Mr. David Tibbetts, Community Co-Chair  
Ms. Kerry Topovski, Anne Arundel County

3. Members not present:

Mr. Blight Carter, Community Member  
Mr. Ed Dosek, Community Member  
Ms. Kathy Scott, Community Member

4. Others present were:

Mr. Rusty Bristow	Harman Civic Association
Mr. Steve Cardon	Fort Meade, Base Realignment and Closure Office
Ms. Jennifer Casteline	Fort Meade, Public Affairs Office
Mr. Walt Chahanovich	Fort Meade, Office of the Staff Judge Advocate
Mr. John Cherry	ARCADIS, U.S. Inc.
Mr. Thomas Crone	ARCADIS, U.S. Inc.
Mr. Brendan Daley	Fort Meade, Installation Restoration Program
Ms. Sarah Gettier	URS Corp.
Ms. Katrina Harris	Bridge Consulting Corp.

Mr. Jerry Kashatus	URS Corp.
Mr. George Knight	Fort Meade, Installation Restoration Program
Ms. Shelly Kolb	Malcolm Pirnie Inc.
Ms. Ivana Maksimovic	Department of Defense
Ms. Karen Nickerson	Bridge Consulting Corp.
Mr. Danny Robinson	Kemron Environmental Services Inc.
Mr. Dan Sheehan	Malcolm Pirnie Inc.
Ms. Denise Tegtmeier	Fort Meade, Installation Restoration Program
Ms. Pamela Wood	Capitol Gazette

5. Announcements and Minutes:

a. Mr. Mick Butler called the meeting to order and asked everyone present to introduce themselves.

b. Mr. Paul Fluck thanked everyone present for attending. He expressed the Garrison's appreciation to Col. Ruf and his staff for the use of the facility. Mr. Fluck emphasized the importance of everyone signing in and out and discussed the location of building exits, restrooms, and vending machines.

c. Mr. Fluck advised that hard copies of meeting presentations would be provided to Board members and stakeholders; anyone else who would like a copy can obtain one from the Fort Meade web site ([www.fortmeade-ems.org](http://www.fortmeade-ems.org)). He noted we're working to minimize the amount of paper being used for the meetings.

d. A motion was made, seconded and unanimously adopted to approve the July 15, 2010, minutes as presented.

6. Outstanding Items:

a. Mr. Butler noted there were three outstanding items: potential Board member applications, the community co-chair election, and revision of the charter. He asked Mr. Fluck to discuss each of these items.

b. Mr. Fluck said he would first discuss the applications for Board membership. He stated that being a Board member is an important civic activity, and the Army takes great pride in having community members on the Board. He reminded those present the purpose of the Board is to serve as a forum for conveying information from the Installation's environmental restoration program to the community and receiving information from the community. Mr. Fluck noted the Board members are liaisons with the community, so the Army expects and hopes that members will discuss information from the Board meetings with their respective communities. He discussed other Board responsibilities including reviewing and commenting on documents provided by Fort Meade, so the Army can learn about any community concerns. Mr. Fluck emphasized serving on the Board is a commitment of time, with the Board meeting every

two months for one to two hours. Mr. Fluck stated one thing that makes the Board work well is free and open dialogue which he encourages.

c. Mr. Fluck distributed the Community Interest Form for Ms. Ivana Maksimovic to current community members for their review. He noted that the Army's goal is to ensure the Board is representative of the community, so he invited Ms. Maksimovic to tell the Board about herself, including any professional or community organization affiliations.

d. Ms. Maksimovic stated she is part of the Department of Defense workforce at Fort Meade, working for Picerne Military Housing. She advised she has been working for the military for the past five years and has worked at several installations. Ms. Maksimovic said she is working on her Master's degree in organization leadership and has a strong interest and background in project management, as well as green procurement. She closed by saying she thinks the environmental program is very interesting and would like to be of assistance.

e. Mr. Fluck advised that other applicants were not able to attend the meeting, so they would be introduced and voted on when present at a future meeting.

f. Mr. Fluck reviewed the voting procedures and rules. He distributed ballots and asked existing community members to circle either yes or no for having Ms. Maksimovic as a Board member. He stated any members who are affiliated with an agency should not vote, and if there is a tie, then the Army co-chair will vote. Mr. Fluck advised that each community member receives one vote, and voting by proxy is not allowed.

g. A motion was made, seconded, and unanimously passed to vote on Ms. Maksimovic's application. Mr. Butler counted the ballots and advised Ms. Maksimovic had been selected as a Board community member.

h. Mr. Butler next conducted the election of the community co-chair. He announced Mr. David Tibbetts, a current community member, had expressed interest. He opened the floor for nominations or expressions of interest, and none were offered. He invited Mr. Tibbetts to address the community members.

i. Mr. Tibbetts stated he had been an active, contributing Board member since 2003. He said he would work to fulfill the duties of the position, including finding more community members to serve on the Board.

j. Mr. Butler advised the Community Co-Chair serves a one-year term, nominations must be made from the floor, the nominee must consent to the nomination, voting can be done by ballot or voice, and election is by a simple majority. Mr. Butler asked the community members their preference for voting, and they selected a voice vote.

k. Mr. Howard Nicholson nominated Mr. David Tibbetts for the position of Community Co-Chair. Mr. Tibbetts was unanimously elected by a voice vote, and Mr. Tibbetts accepted the position.

l. Mr. Fluck next discussed the Board's charter. He reminded the Board that Mr. Nicholson had offered revisions which focused on the suggestion for local communities and other associations to provide a representative on the Board and proposed reviewing membership on an annual basis.

m. Mr. Nicholson stated that the Board can be a strong, effective voice for the community. He said he joined the Board nine years ago and has seen it dwindle to just a few community members. He noted there are several communities which are contiguous to Fort Meade, have an interest in what happens at Fort Meade, and should have a seat on the Board. He stated the second revision had to do with stale membership. He suggested an automatic review of members' continuing interest in serving every year to keep the Board fresh.

7. Update on Groundwater Contamination in Odenton, Maryland:

a. Mr. Butler introduced Ms. Shelly Kolb of Malcolm Pirnie.

b. Ms. Kolb reminded the Board the study area for the project is a one-mile radius around deep monitoring wells MW-125d and MW-126d, as well as Old Dairy Farm Road. She stated the project was initiated when contamination was detected in the two deep monitoring wells. She displayed a chart showing the summary of the data collected from the two monitoring wells.

c. Ms. Kolb stated the purpose of the project was to assess whether properties with drinking water wells have been impacted by the contamination. A survey of wells was initiated in April 2009 to identify wells and whether they are used for drinking water. Ms. Kolb noted that of the approximately 2,500 properties surveyed, information was received from 1,695 properties with 75 properties confirmed as having wells used for drinking water. Approximately 1,600 had no wells on the property and/or were supplied public water for drinking. Ms. Kolb explained the balance of the properties were unconfirmed to have a well or do not have a drinking water well.

d. Ms. Kolb noted the U.S. Environmental Protection Agency (EPA) and the Maryland Department of the Environment (MDE) asked the Army to give all properties within the study area known to have a drinking water well a final chance to participate in the survey and testing, so a final letter requesting participation was sent to these properties. Twelve letters were sent, 11 were confirmed as being delivered, and one new property was added to the sampling effort. Ms. Kolb said one letter was undeliverable (incorrect address) and has since been sent to a new address.

e. Ms. Kolb discussed an overview of the two rounds of sampling that had been conducted at properties with drinking water wells. She stated one property on Nevada Avenue had an exceedance of the Federal maximum contaminant level (MCL) which EPA uses for drinking water.

f. Ms. Kolb reviewed the monthly sampling being conducted at Nevada Avenue to monitor the tetrachloroethene (PCE) detections in those wells. She stated results from the last two rounds [July and August 2010] showed trace levels of toluene which is typically associated with petroleum or degreasers. She explained because only toluene was being detected and not some of the other constituents of gasoline, the assumption is the source is probably something like paint thinner or degreaser; however, no source has been identified at this time. She noted the MCL established by EPA for toluene is 1,000 micrograms per liter ( $\mu\text{g/L}$ ), and the levels detected were below 3  $\mu\text{g/L}$ .

g. Ms. Kolb stated the next steps in the project are to determine an acceptable end point for the well survey, complete the sampling of drinking water wells, continue drinking water well sampling on Nevada Avenue, continue to supply bottled water to properties with drinking water wells, and complete the project reports.

h. Ms. Kolb discussed the follow-on work which will be conducted based on the detections at Nevada Avenue. She stated this work will include continued sampling on a monthly basis, or as otherwise determined appropriate by the Army and the regulators, and installing up to seven monitoring wells (five deep and two shallow). Ms. Kolb explained there will also be historical research performed of properties upgradient of Nevada Avenue to help determine the potential source area(s) since these properties are not downgradient of the contamination detected at monitoring wells MW-125d and MW-126d. She noted bottled water would continue to be supplied, and public outreach would also continue.

i. Ms. Kolb reviewed the proposed new well locations but emphasized the locations were preliminary and still being reviewed. She stated the tentative schedule is to install the wells in April 2011.

j. Mr. Fluck added that the groundwater flow patterns are not fully understood yet, so the new monitoring wells will help provide information, including answering the basic question of whether the contamination is from Fort Meade or not. He continued explaining that if Fort Meade is the source, the installation restoration program will continue to investigate; if Fort Meade is not the source, the Army will transfer the information to the appropriate party for resolution.

8. Update on Operable Units 1, 3 and 5:

a. Mr. Butler introduced Ms. Laurie Haines of the Army Environmental Command and noted her presentation was available on the Fort Meade environmental web site.

b. Ms. Haines noted the Board had been briefed on these projects several months ago, and she would be providing an update on the recent field work completed by the Army's contractor, Kemron. She stated the data collected was currently undergoing validation, so the information is preliminary.

c. Ms. Haines displayed a map showing the site locations, noting Operable Units 1 and 3 are in the northeast corner of Fort Meade adjacent to Route 175 and Operable Unit 5 is the DRMO [Defense Reutilization and Marketing Organization] site which is near the Patuxent Research Refuge-North Tract.

d. Ms. Haines first discussed Operable Unit 1, the Trap and Skeet Range, noting the focus of the work was the collection of sediment samples from the pond on the site. She stated the sampling was performed in July, and the samples were analyzed for PAHs [polycyclic aromatic hydrocarbons] and lead shot to complete the ecological risk assessment. She noted the sampling followed the approved work plan which was made available to the Board and also posted on the Fort Meade environmental web site. Ms. Haines stated the new data will be incorporated into the ecological risk assessment, and a draft remedial investigation report will be submitted by the end of 2010.

e. Ms. Haines next reviewed recent work at Operable Unit 3, the former Nike Missile Fire Control site. She explained the sampling was conducted in July 2010 and was outlined in a document made available to the Board in June 2010. She continued explaining the data collected would be included with other data in a screening level ecological risk assessment which will be completed in late October 2010. She noted some additional comments had recently been received from EPA about potential vapor intrusion risk at Operable Unit 3, so the Army will be evaluating that potential and providing responses to EPA's comments. Ms. Haines said the comments and responses will also be shared with the Board. She stated the anticipated completion date for the remedial investigation report is February 2011 but will be dependent on any additional field work related to the vapor intrusion potential.

f. Ms. Haines stated Operable Unit 5 is the DRMO site. She explained a final remedial investigation report was completed in 2003, but since then additional work has been conducted to look for a source area and to determine the nature of the plume. She reminded the Board a detailed presentation had been given at the previous Board meeting. Ms. Haines advised a draft feasibility study was submitted to EPA and MDE in March 2010; since that time, EPA has provided additional comments on old documents, so many comments are being reviewed and responses are being prepared. She stated the Army still expects to have a draft final focused feasibility study in November 2010, unless the additional comments require more field work which is not known at this time.

9. Old Business:

Manor View Update

a. Mr. Butler introduced Mr. Tom Crone of ARCADIS, an Army contractor. Mr. Crone reminded the Board ARCADIS is responsible for moving the Manor View site through the cleanup process and addressing the methane present at the site. He stated until a final remedy is in place, ARCADIS will continue to monitor the methane on a weekly basis. He presented a map showing the last four weeks of monitoring results and noted the information is also available on the Fort Meade environmental web site. Mr. Crone advised there had been one shut

down alert on August 29, 2010, but the system was running; therefore, it was determined to be a false notification. He stated routine maintenance continues to be performed.

b. Mr. Crone stated the methane monitoring results are showing decreases in methane and noted the most recent sampling results show many zeros. He said the data is pretty consistent with past monitoring results with minimal detections to the north and higher concentrations in the center of the dump site. He discussed a reading of 45,000 parts per million (ppm) at VMP-42 which is the highest reading recorded at that location. Mr. Crone stated the instrumentation used that day had reported some error messages. He explained these types of meters are very sensitive to moisture and methane and are generally changed every two months. He stated they had gone back a few days later and sampled with a new meter and got a reading of zero at VMP-42; additional monitoring results since that time have continued to be zero. Mr. Crone said they believe the higher concentration detection was a malfunction of the meter but sampling will continue.

c. Ms. Kerry Topovski asked if it is possible to have two meters available during the sampling, so it could be instantly determined if one is malfunctioning. Mr. Crone said one portable meter is carried to each location. He continued explaining that there is an established protocol where if a reading is higher than expected then the point is resampled. He advised this was done at VMP-42, and the meter again gave a reading of 45,000 ppm; however, later that day the meter began giving error messages. Mr. Fluck asked Mr. Crone to confirm the vacuum had been increased in this area as a precaution during the week of the higher reading, and Mr. Crone confirmed the vacuum had been increased.

d. Mr. Wayne Dixon suggested it might be worthwhile to look into a change in the filter system so that when one filter gets clogged, a sensor would trigger another filter to open up. Mr. Crone said he would look into this suggestion.

#### RAB Outreach Initiative Update

e. Mr. Butler introduced Ms. Jennifer Casteline from Fort Meade's Public Affairs Office. Ms. Casteline reminded the Board the objective of the initiative is to inform the community what the Board does and help increase membership. She advised an article has appeared in the Fort Meade SoundOff, and a targeted letter campaign garnered three new applicants. Ms. Casteline noted Fort Meade is open to any suggestions anyone has to increase Board membership.

10. The Board agreed upon November 18, 2010 as the date for the next meeting.

11. The meeting was adjourned at 8:09 p.m.

*Michael P. Butler*

MICHAEL P. BUTLER  
Chief, Environmental Division

CF:  
RAB MEMBERS  
FGGM GARRISON COMMANDER  
PUBLIC AFFAIRS OFFICE