



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 12, 2013

MEMORANDUM FOR Restoration Advisory Board Members

SUBJECT: Minutes for the September 19, 2013 Restoration Advisory Board Meeting

1. The Restoration Advisory Board (RAB) meeting was held on September 19<sup>th</sup>, 2013, 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, November 21<sup>th</sup>, 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. Brian Chew for Ms. Kerry Topovski, Anne Arundel County Health Dept.  
Ms. Kellyann Few, Provisional Community Member  
Mr. Paul Fluck, Fort Meade Restoration Manager  
Ms. Elisabeth Green, Maryland Department of the Environment  
Mr. Martin Madera, Community Member  
Mr. David Tibbetts, Community Co-Chair

3. Members not present:

Mr. Rusty Bristow, Community Member  
Mr. Wayne Dixon, Community Member  
Ms. Laura Ann Hutchinson, Provisional Community Member  
Mr. Harry Neal, Community Member  
Mr. Howard Nicholson, Community Member  
Mr. Kurt Riegel, Community Member  
Mr. Fred Tutman, Community Member

4. Others present were:

Mr. Steve Cardon	Versar, Inc., Legacy BRAC Program
Mr. Walt Chahanovich	Fort Meade, Office of the Staff Judge Advocate
Ms. Sarah Gettier	URS Corporation
Ms. Katrina Harris	Bridge Consulting Corp.
Mr. Tim Llewellyn	ARCADIS U.S., Inc.
Ms. Shelly Morris	ARCADIS U.S., Inc.

Ms. Denise Tegtmeyer

Fort Meade Environmental Division (Osage of Virginia, Inc.)

5. Announcements and Minutes:

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

b. Mr. Tibbetts made a motion to approve the July 18, 2013, meeting minutes. The motion was seconded and unanimously adopted to approve the May 18, 2013, minutes.

c. Mr. Fluck advised Ms. Nicole Walworth (Osage of Virginia, Inc.) would be ending her position at Fort Meade shortly. He noted she had been an integral part of the team, and he wanted to recognize her many contributions. A motion was made, seconded and unanimously adopted to thank Ms. Walworth for her efforts on behalf of the environmental restoration program.

6. Outstanding Items:

a. Mr. Fluck reminded the Board it was time for the annual election of a community co-chair. He suggested since there were only a few community members present, the vote be postponed until the November meeting. Mr. Fluck made a motion to postpone the election of a community co-chair until the November meeting. The motion was seconded and unanimously adopted. Mr. Fluck noted Mr. Tibbetts would be the acting co-chair until the election at the November meeting. The Board discussed options for obtaining members' interest in running for community co-chair and agreed Mr. Fluck should send out a Doodle poll to solicit interest and note a deadline for expression of interest. Mr. Fluck summarized the responsibilities of the community co-chair, noting the position is for a one-year term. He stated the community co-chair assists the Army with various administrative activities, including development of the meeting agenda and dissemination of information to the public and bringing community issues to the Army.

b. Mr. Fluck stated there had been a discussion at the last meeting regarding the possibility of changing the meeting date from the third Thursday of every other month and the meeting location. Board members expressed satisfaction with the hotel as the meeting location but also willingness to return to the Smathers Reserve Center if possible. Mr. Fluck reviewed the results from polling members about meeting dates. A motion was made, seconded and unanimously adopted to continue with the current meeting schedule. The Board discussed possible ways of accommodating community members who might have a conflict with the current meeting schedule; Mr. Fluck encouraged any such community members to contact him. In response to a question from Mr. Tibbetts, Mr. Fluck confirmed that voting on who should remain a community member is at the discretion of the current community members.

c. Mr. Fluck said he had reviewed attendance as requested and in accordance with the Board's charter which states that members missing 25 percent or more of meetings in a year

could be subject to a membership vote. He advised only two individuals met that criteria and emails have been sent to both individuals asking if they wanted to remain members. He stated Ms. Ivana Maksimovic had responded that she would be resigning effective immediately as she has relocated. Mr. Fluck said the other individual, Mr. Wayne Dixon, has not yet responded. Mr. Fluck said Mr. Dixon has been a long-time, very involved Board member and belongs to several civic organizations which allow him to reach out to a large portion of the community. Mr. Fluck suggested any vote on Mr. Dixon's membership be postponed. A motion was made, seconded and unanimously adopted to table voting on Mr. Dixon's membership until the November meeting.

7. Update on Little Patuxent River Parcel:

a. Mr. Fluck introduced Mr. Steve Cardon of Versar, Inc., a contractor to Fort Meade's Legacy Base Realignment and Closure (BRAC) Program.

b. Mr. Cardon displayed an aerial photograph and noted the Legacy BRAC Program at Fort Meade includes the Patuxent Research Refuge and Tipton Airfield parcels. He noted these parcels formerly belonged to Fort Meade and were transferred in 1991 and 1993 by Congressional mandate under the BRAC Program. Mr. Cardon advised his job was to finish addressing some environmental issues related to the Army's former activities on these properties.

c. Mr. Cardon showed an aerial photograph of the site and noted the Little Patuxent River Parcel is approximately six acres. He explained it was supposed to be turned over with the 8,100 acres transferred to the Department of the Interior; however, it was not legally described in the deed and, thus, it was not legally transferred. He stated there are no distinguishing features on the parcel. Mr. Cardon displayed another aerial photograph showing the property boundaries.

d. Mr. Cardon reviewed the background of the site, noting it was never used as an operational range based on a review of aerial photographs and Fort Meade documents showing range locations and range safety fans. He stated the site is an undeveloped parcel that includes wetlands and timbered land with no indication of harvest of that timber. Mr. Cardon said the parcel is separated from Fort Meade proper which makes it more difficult for law enforcement to patrol, and Anne Arundel County law enforcement has observed trespassing but cannot enforce the law as they do not own the property.

e. Mr. Cardon advised Fort Meade Legacy BRAC is working with the Army Corps of Engineers and Fort Meade's Real Property Office to transfer the parcel. He stated as part of the transfer process, the Army was required to prepare an Environmental Condition of Property. Mr. Cardon advised the document was completed in 2010 and is an environmental baseline survey which determined the property is a Category 1 site indicating no release or disposal of hazardous substances or petroleum has occurred nor has any such substance migrated from adjacent areas.

f. Mr. Cardon said the property was offered to the Department of the Interior who declined since the property is separated from the main portion of the Refuge by a roadway and an elevated railroad. He noted Anne Arundel County accepted the property, and the County Council voted on September 3, 2013, to accept the property as a gift under a Conservation Conveyance from Fort Meade. He explained this type of conveyance provides for the property to be maintained in its current use and not to be developed. Mr. Cardon advised another document needed to be prepared, a Finding of Suitability to Transfer, and a draft has been prepared. He said this document noted the property qualifies as a Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Section 120(h)(4) uncontaminated property and is transferable under that section. Mr. Cardon stated the 30-day public comment period on the Finding of Suitability to Transfer will begin soon and will be announced in local newspapers in about a week. He said the document will be available online at <http://www.ftmeade.army.mil/environment/bracLegacy/index.html>. Mr. Cardon advised the U.S. Environmental Protection Agency (EPA) and the Maryland Department of the Environment (MDE) also would be reviewing the document.

g. Mr. Tibbetts noted in the immediate vicinity of the parcel is a former hazardous waste site investigated by MDE. Dr. Green said she was not familiar with the site but would inquire with the appropriate staff at MDE. Mr. Cardon stated as part of the preparation of the Environmental Condition of Property many databases are searched. He stated the adjacent property did not have an impact on this parcel; MDE had agreed with this determination. Mr. Cardon advised the EPA had determined the parcel was not part of the National Priorities List site; he stated this also means MDE is the lead regulatory agency for this parcel.

8. Former Mortar Range Remedial Action Update:

a. Mr. Fluck introduced Ms. Shelly Morris of ARCADIS U.S. Inc., a contractor to Fort Meade.

b. Ms. Morris advised the remedial action had just been completed at the Former Mortar Range. She reminded the Board a Proposed Plan public meeting had been held in July of 2012 to review the details of the site. She stated she would be discussing where the site currently is in the CERCLA process, a pre-remedial action performed at the site to attempt to remove a small arms casing pit, the land use controls and remedial action implementation just completed, and the schedule for completing work at the site.

c. Ms. Morris displayed a list of the key steps in the CERCLA process and noted the site is at the Remedial Action Report step which will complete the active portion of the cleanup with the site then moving onto long-term management.

d. Ms. Morris advised in March 2008 during the remedial investigation field work, a pit of spent small arms casings was uncovered. She stated there were no explosive or unexploded ordnance items identified in the pit so a decision was made to leave the pit and casings in place. Ms. Morris said map coordinates and data on the location of the pit were collected, including the elevation, size, and depth.

e. Ms. Morris displayed an aerial photograph showing the condition of the site in 2008, noting the site is located on what was the golf course, and the approximate pit location. Ms. Morris also displayed photographs of what the site looks like currently, noting it is an active construction site and has undergone significant grading/earthwork. She stated the depth of the disturbance during the grading is unknown, but the elevation has changed since about two and a half feet of soil has been removed.

f. Ms. Morris said work was done to re-locate the pit by using the coordinates and ground penetrating radar to try and identify the location of the small arms casings. She said a 100 foot by 100 foot area was investigated with the ground penetrating radar. She noted an area of disturbance was identified, about 15 feet by 9 feet in size, approximately four feet off the coordinates location. She said no other disturbances below ground were seen. Ms. Morris showed a photograph of the area where the ground penetrating radar was performed in an attempt to locate the casings.

g. Ms. Morris advised the disturbed area identified was excavated in July. She said some abandoned irrigation pipes were found, along with broken pieces of iron pipe, at a depth of about three feet. She stated small arms casings were not found, nor was any munitions debris encountered. She advised that based on all the work done at the site, the conclusion is the casings were dispersed across the site or completely removed during construction. Ms. Morris said the effort to locate the casings has been closed.

h. Ms. Morris reminded the Board the remedy for the site was land use controls. She displayed a list of the elements of the remedy that have been completed. She noted educational materials (a fact sheet and educational presentation) have been created, the GIS data has been provided to the appropriate Fort Meade staff who have updated Fort Meade's information to show the footprint of the munitions site, text has been provided to include in the next Fort Meade Master Plan update to note restrictions on future development, updated dig permit language has been provided which states clearance is needed before any digging, and 16 signs have been installed at strategic locations on Fort Meade and the National Security Agency. Ms. Morris showed an aerial map indicating where the signs were installed, along with photographs of the signs.

i. Ms. Morris advised the Draft Remedial Action Report should be submitted this month, the draft final in December, and the final version in January 2014. She stated the long-term management, which is part of the land use controls and includes performing visual site inspections, will begin in 2014. Ms. Morris noted the CERCLA five-year reviews will begin in 2017 [This date will likely be advanced to coincide with other sites to avoid preparing multiple five-year reviews.].

9. Update on the Manor View Dump Site:

a. Mr. Fluck introduced Mr. Tim Llewellyn of ARCADIS U.S., Inc.

b. Mr. Llewellyn stated it has been more than a year since waste was removed from the Manor View Dump Site and more than a year since the soil vapor extraction system was shut down that was designed to control the methane migration. He noted the 42 methane monitoring points around the former dump site continue to be monitored, and the results show dramatically reduced methane concentrations.

c. Mr. Llewellyn discussed two data points that took longer than anticipated to drop down to the lower explosive limit for methane. He said the two locations continue to be monitored on a monthly basis, while the other points are now monitored semi-annually. He advised no exceedances of the lower explosive limit for methane have been detected since December of 2012. He stated the monthly sampling would be discontinued for these two points soon, and the two points sampled on the same time schedule as the other monitoring points.

d. Mr. Llewellyn said the last full round of data from the 42 monitoring points was in August 2013, and all detections were well below the lower explosive limit for methane with the exception of one point. He said one point was slightly above the lower explosive limit of 50,000 parts per million by volume, and the detection at that one point was 85,000 parts per million. He noted there have been periodic and isolated detections of higher concentrations of methane around the site which is believed to be likely related to the natural decay of the woody materials in the soils. Mr. Llewellyn said this point is typically below the lower explosive limit although there were some exceedances in the 2006 to 2008 timeframe.

e. Mr. Llewellyn advised the next monitoring event is in February 2014.

f. In response to a question, Mr. Fluck asked Mr. Llewellyn to explain why the vapor extraction system remains in place. Mr. Llewellyn said all the above-ground piping has been buried, and the building moved out of the way so the open area would be more usable. He said the extraction system was left in place as a contingency plan. Mr. Llewellyn said it was highly unlikely the system would ever need to be turned on, but the monitoring and evaluation of the soil gas [methane] will continue. Mr. Fluck asked Mr. Llewellyn if the proposed final remedy would include removal of the extraction system. Mr. Llewellyn responded that the current thinking is for the extraction system to remain in place.

#### 10. Update on the Nevada Avenue Investigation:

a. Mr. Fluck introduced Ms. Denise Tegtmeier of Osage of Virginia, Inc.

b. Ms. Tegtmeier displayed 12 months of sampling data through August 2013 for the three houses on Nevada Avenue. She also displayed the data on a graph. Ms. Tegtmeier pointed out all three of the properties had gone down to zero one month and the following month the PCE detections went to 4 parts per billion which is still below the maximum contaminant level of 5 parts per billion. She stated the most recent data shows the results are now consistent with the long-term trend [decreasing trend]. She explained the low numbers occurred when the off-post monitoring wells were being installed, with the high numbers occurring after the installed wells were developed and a lot of water is pumped through the well, so more

contamination could have been pulled into the wells. She said the wells then seemed to return to the previous levels. Ms. Tegtmeyer said the monitoring wells were sampled in September, so the data will be presented at a future Board meeting and will provide information on whether the trend continues.

c. Ms. Tegtmeyer reviewed the project schedule and noted the drilling activities occurred in May and June and included wells at the boundary of Fort Meade as well as off-post along Nevada Avenue and Blue Water Boulevard. She reiterated the sampling was performed in July and then 60 days later in September. She noted a draft report will be issued after the results are received and validated for the second round of sampling, probably in the November or December timeframe.

d. Ms. Tegtmeyer showed a map indicating the new well locations, pointing out the shallow and deep wells installed on Nevada Avenue. She advised two upgradient wells were installed off-post to try and determine the source of the contamination, as well as the two wells along Fort Meade's boundary.

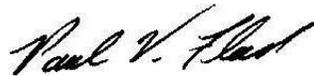
e. Mr. Tibbetts asked about the impact of a proposed development on Nevada Avenue. Mr. Brian Chew from Anne Arundel County indicated the properties would probably be on public water.

11. Open Discussion/New Business:

a. Mr. Fluck inquired about topics for the next Board meeting and invited Board members to email him with any suggestions.

b. Mr. Tibbetts made a motion that the Board express its sympathy to the Washington Navy Yard families in light of the recent shooting. The motion was seconded and unanimously approved.

c. The meeting was adjourned at 8:34 p.m.



for

MICHAEL P. BUTLER  
Chief, Environmental Division

CF:  
RAB MEMBERS  
FGGM GARRISON COMMANDER  
PUBLIC AFFAIRS OFFICE