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MEETING MINUTES 24 MAY 2012 NWS YORKTOWN VA
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NWS YORKTOWN

Meeting Minutes

**Naval Weapons Station (WPNSTA) Yorktown
Yorktown, Virginia and
Cheatham Annex (CAX), Williamsburg, Virginia
Restoration Advisory Board (RAB) Meeting
Thursday, May 24, 2012; 1300-1500**

Attendees:

Name	Organization/Role
Captain Lowell Crow	Commanding Officer (CO), WPNSTA Yorktown and CAX (RAB Co-Chair)
Steven Oyer	Citizen (RAB Co-Chair)
Jim Gravette	Navy's Remedial Project Manager (RPM) for WPNSTA Yorktown
Scott Park	Navy's RPM for CAX
Wade Smith	Virginia Department of Environmental Quality (VDEQ) RPM for WPNSTA Yorktown and CAX
John Burchette	US Environmental Protection Agency (USEPA) RPM for CAX
Mark Piggott	Navy Public Affairs Officer (PAO), WPNSTA Yorktown and CAX
Marlene Ivester	CH2M HILL Program Manager – CAX
Adam Forshey	CH2M HILL Deputy Program Manager – WPNSTA Yorktown
William Friedmann	CH2M HILL Program Manager – WPNSTA Yorktown
Melissa Forrest	Navy and Marine Corps Public Health Center (NMPHC)
Al Gregg	Yorktown and CAX Environmental Director
Jay Diedziotsiek	Blackrock Industries
Richard Murdock	Community Member
Megan Gravette	Community Member

[Note: Attachment 1 is the Public Notice for the RAB Meeting. Attachment 2 is the RAB Meeting Sign-in Sheet.]

Jim opened the discussion and introduced all members. Marlene provided handout cards for the public that contain information on how to access the public webpage.

PRESENTATIONS

Master Schedule Update

Marlene presented an update of the Master Schedule for the Environmental Restoration Program (ERP) sites at CAX. She provided a review of only items that have changed since the November RAB. Site 7 is

now done with the Site Screening and that site is moving into a Remedial Investigation (RI), which is estimated to begin in mid-2012 and be completed in 2013. Area of Concern (AOC) 2 – a Site Investigation has been completed. A removal action will take place. Cpt. Crow asked if where AOC 2 is located. He indicated that any removal action that occurs along or near the fence line will require notification to Parks Services. The area planned for removal is the canister dump area. The only other thing that has changed is AOC 6 – Penniman Lake. Cpt. Crow indicated that he has the last overhead images from the 1930's of this area. Mark Piggott asked, for Site 7, June 2nd is clean the bay day. Is there any issue with them walking along the beach to clean the area? Marlene stated that all the debris has been removed and they are fine doing the cleanup of the bay. Stephen Oyer asked if there's been any impact to any of the sites from the significant rainfall over the past few months. Marlene indicated that there have been no impacts to these sites from the rain.

Program Overview

Jim led a program overview for the status of ERP sites at WPNSTA Yorktown. Yorktown's ERP is a large program with 28 Installation Restoration Program (IRP) sites and 3 Munitions Response Program (MRP) sites. Cpt. Crow indicated that Site 26 is a Vapor Intrusion (VI) site. Those buildings are under a different command, so they will likely need educated on the VI process. Regarding UXO-3, Cpt. Crow indicated that they are currently evaluating if dredging will occur this year (as originally planned) or if maintenance dredging will be pushed off until every 5 years due to budget limitations.

Jim reviewed the status of other ERP related projects such as Explanation of Significant Differences, Land Use Control Remedial Designs, Five Year review, etc. Mr. Murdock asked, "When you remove things, what does that mean? Where does it go?" Jim summarized that we evaluate the condition of the material and send it to an approved (USEPA approved) waste disposal facility. So when we do a removal we take them off base and typically dispose of them at a landfill. Bill added that we have typically used King and Queen County. The landfills are required to meet the requirements of USEPA.

Site 22 Burn Pad Proposed Plan Summary

Jim provided a high level review of the public meeting planned for after the RAB meeting. Groundwater is contaminated with explosives and volatile organic compounds (VOCs). The proposed alternative is hot spot removal of RDX using enhanced In Situ Bioremediation (EISB) and monitoring, monitored natural attenuation (MNA), and Land Use Controls (LUCs). Jim provided a brief overview of the schedule.

Site 31 Remedial Investigation

Site 31 is the Barracks Road Industrial Area. Jim summarized the history of the investigations (including sampling at Site 12) and the site background. A detailed Membrane Interface Probe (MIP) investigation was conducted at Site 31 to evaluate the potential source areas. Based upon the results of the previous investigations, we are currently in an RI. The first part of the investigation was to evaluate vapor intrusion (VI) issues related to contaminated soil and groundwater impacting air quality in nearby buildings. The second part of the investigation was to evaluate impacts from contaminated groundwater to nearby creeks.

Sampling conducted during this investigation confirmed VI is occurring in some buildings. Jim reviewed the timeline of the VI investigation and how the data was evaluated. After considering the data and consulting with the USEPA and VDEQ, it was determined that the workers should be moved out of select buildings. Employees of the buildings were briefed in each step of the process and provided information on screenings, medical monitoring, etc. Jim summarized the current status of each building. Shed 3 has been vacated permanently. In Building 371, cracks were sealed and VI is no longer occurring. Cpt. Crow indicated that at Shed 6, the folks were temporarily relocated and it is likely that they will be permanently relocated. Shed 6 will likely be used for deep storage. Jay asked if this has this ever

happened before where people have had to be evacuated? Jim stated, not a Yorktown, but it has at other bases. Cpt. Crow added that VI investigations have only begun in the last couple of years. So it is an emerging study. Steven asked, "What was the vapor that was a contaminant that made sure people needed to vacate? And was there any radon detection?" Jim noted that the contaminant was trichloroethene (TCE) from cleaning processes. Radon testing was not conducted at the site, but the mitigation system used was pretty similar to Radon mitigation. But TCE is the driver.

Jim summarized the next steps for the site. Identify the source, delineate the plume, and confirm that the surface water contamination is not a problem.

Site 32 Soil Investigation

Jim provided a summary of Site 32. He reviewed the site history and previous investigations and removals. The contaminants that were released from a faulty valve in the trickling filter were mercury, cadmium, and silver. We have conducted soil sampling and groundwater sampling. We have the soil results back and anticipate groundwater data next month.

Site 34 Update

Jim reviewed the Site 34 history and background. Jim summarized that the sources at this site includes the former drainage area as well as Building 537. You can see the removal area for the removal conducted in the wetland from the discharge of the pipe.

As a result of the removal, confirmation samples were collected. One sample from outside of the removal contained mercury contamination above screening levels. We will collect sediment samples around the detection to confirm it is just a point and not a release. Additionally, there is a lack of soil data. So, to ensure closure of the site, we need to collect some soil samples. Jim explained why we believe Building 537 is the source and what the plume may be doing. Jim reviewed groundwater concentrations. We are developing a Feasibility Study (FS) to evaluate potential remedies for groundwater. The next steps beyond the FS would be a Proposed Plan and Record of Decision.

Final Comments Closing Remarks

Steven provided some input from the community. The public information cards are a great idea and will make it easier for Steven to communicate to folks that ask him about the base. The website looks great, but we should consider updating the date of the RAB as early as possible. Steven indicated that back in 2010 there was a field trip to see some of the sites as part of a windshield tour and that may be worth considering. Finally, Steven asked if we dig up anything historical while doing some of these removals. Cpt. Crow indicated that this happens frequently. About 60% of the land is historical in this area. It's quite common at WPNSTA Yorktown and CAX to identify historical artifacts that require working with the historical society. Jim indicated that a site visit would be a great idea and we will work to make that possible. Mark Piggott recommended doing it in the fall. Steven indicated that he has been asked by a number of citizens about whether he has actually seen any of these sites, and right now he has not. Cpt. Crow suggested that if we are going to do that (or replace the next RAB with this), we will need more time. Ultimately, Steven feels we are doing a great job and everything is above board.

Cpt. Crow discussed that we are going to continue moving forward. This was a good update and he is interested in seeing the direction of some of these sites. He encourages us visiting the sites. Mr. Murdock indicated that he is impressed. We work well together and he feels we are making a difference.

Action Items:

None

Next RAB Meeting: November 29, 2012

Location: York County Public Library

Points of Contact for Questions, Comments, and to Request Additional Information:

Mr. Scott Park, NAVFAC Mid-Atlantic Remedial Program Manager and RAB Navy Co-Chair for CAX, scott.park@navy.mil or (757) 341-0481

Mr. Jim Gravette, NAVFAC Mid-Atlantic Remedial Program Manager and RAB Navy Co-Chair for WPNSTA Yorktown, james.gravette@navy.mil or (757) 341-0477

ATTACHMENT 1

Public Notice



**Public Notice of
RESTORATION ADVISORY BOARD MEETING
for Naval Weapons Station Yorktown/Cheatham Annex**

The Naval Facilities Engineering Command (NAVFAC), Mid-Atlantic, will hold a Restoration Advisory Board (RAB) Meeting at the following time and place:

Thursday, May 24, 2012 from 1:00 p.m. to 3:00 p.m.
York County Public Library - Yorktown
8500 George Washington Memorial Highway
Yorktown, Virginia

The Public is Invited to Attend

The Naval Weapons Station Yorktown/Cheatham Annex RAB meets to discuss environmental issues and inform the local community about base cleanup activities. This is your opportunity to participate in the process by providing direct input about base cleanup activities.

NAVFAC Mid-Atlantic also holds RAB meetings for the following Naval facilities:

Naval Station Norfolk; Naval Amphibious Base, Little Creek; and
St. Juliens Creek Annex.

For additional information regarding the Restoration Advisory Board Meeting or the environmental cleanup programs at Naval Weapons Station Yorktown or

Cheatham Annex, please contact:
Mr. Mark Piggott; Public Affairs Officer
160 Main Road
Yorktown, VA 23691-0160
(757) 887-4939

Notice published in the *Virginia Gazette* and *Daily Press* on May 19 and 20, 2012, respectively. (In addition, post cards of the notice are mailed to the Community Co-Chair and community members on the mailing list.)

ATTACHMENT 2

Sign-in Sheet



Naval Weapons Station Yorktown, Yorktown, Virginia and Cheatham Annex, Williamsburg, Virginia



Restoration Advisory Board (RAB) Meeting

Thursday, May 24, 2012, 1:00 to 3:00 p.m.
York County Public Library - Yorktown (Meeting Room)

Attendance Sign-In

Name	Organization	Phone	Email
WILLIAM FRIEDMAN	CH2M HILL	757 671-6223	wfriedma@ch2m.com
ADAM FORSHEY	CH2M HILL	757-671-6267	adam.forshey@ch2m.com
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Wade M. Smith	VA DEQ	(804) 698-4125	Wade.smith@def.virginia.gov
AL GREEN	PWD YORKTOWN EV	757-887-4886	ALBERT.GREEN@NAVY.MIL
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RICHARD MURDOCH	RETIRED	757-221-8025	mundoch214@cox.net
Jay Diedzic	BLACKROCK	757 7840447	BROCKMJD@aol.com
Mark Piggott	WPNSTA Yorktown	757 887 4939	mark.piggott@navy.mil
John Burckette	EPA	215 814 3378	burckette.john@EPA
Melissa Forrest	NMCPHC	757 953 0946	sarah.forrest@med.navy.mil
Jim Gravette	Midlant HIC 1A	757-341-0477	james.gravette@navy.mil
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