

Meeting Minutes

Naval Weapons Station Yorktown
Cheatham Annex (CAX), Williamsburg, Virginia
Environmental Restoration Program (ERP)
Restoration Advisory Board (RAB) Meeting
Wednesday, November 10, 2021; 1300-1410

Attendees:

Name	Organization/Role
Captain Horgan	CAX Commanding Officer
Steven Oyer	Citizen and RAB Community Co-Chair
Bryan Peed	Navy Remedial Project Manager (RPM)
Bob Stroud	United States Environmental Protection Agency (USEPA) RPM
Wade Smith	Virginia Department of Environmental Quality (VDEQ) RPM
Stephanie Sawyer	CH2M HILL Inc. (CH2M) Program Manager
Betsy Collins	CH2M Deputy Program Manager
Suzanne Greene	CAX Public Affairs Officer
Tom Olexa	Environmental Director for CAX
Aaron Siegal	VDEQ

Due to travel restriction associated with the COVID-19 pandemic this RAB meet was held virtually via Microsoft Teams.

Mr. Bryan Peed started the meeting with introductions and welcoming everyone to the meeting. Captain Horgan says he is glad to be here and looks forward to the presentations and Mr. Steven Oyer agrees.

Environmental Restoration Program Update

Mr. Peed presented an overview of the active CAX sites. This overview included the work completed since the last RAB and work that is currently in progress at Site 4, Site 7, Site 9, AOC 1 South, AOC 6, AOC 8, and AOC 9.

Site 9 – Transformer Disposal Area Field Work Update

Ms. Stephanie Sawyer presented recent expanded site investigation (ESI) activities and path forward:

Site 9 is a former transformer storage area. Between 1973 and 1980, electrical transformers, some of which contained PCBs, were reportedly stored at the site for repair or disposal. The storage area was not paved; however, it was enclosed by an earthen wall. An ESI is currently underway to determine the nature and extent of soil and concrete contamination, determine the extent of site-related sediment contamination, determine if soil outside the site boundary

has been contaminated by historical site activities, and determine if groundwater has been contaminated by historical site activities. These objectives will be achieved through three phases of sampling.

The first and second phases of the ESI were covered in the November 2020 RAB presentation. This presentation focused on the third phase. During this phase the following work was completed:

- Four soil samples and seven sediment samples were collected
- Five monitoring wells were installed (two shallow, one intermediate, and two deep).
- The existing storm water drainage system was inspected, and several areas of corrosion were identified.

A RAB attendee asked the estimated age of the drainage system. Ms. Sawyer answered that the pipe appears to be original circa 1943. The ESI is being prepared based on the results of these investigations.

Site 7 – Old DuPont Disposal Area Field Work Update

Ms. Sawyer presented recent vapor intrusion (VI) investigation at Site 7. An overview of VI was reviewed including the EPA definition “migration of volatile chemicals from subsurface into indoor air.” The objectives of the VI investigation were to investigate recreational cottages located near Site 7 for vapor intrusion from groundwater and to determine if air contaminants (trichloroethylene [TCE], 1,1-dichloroethylene [1,1-DCE], and vinyl chloride [VC]) are present in cottages’ crawlspace.

Based on the current extent of the groundwater plume, five cabins were identified for VI investigation. Building surveys found that the crawlspace of each cabin is passively and permanently vented. Samples were collected over a 24-hour period from each crawlspace and one upwind location and analyzed for TCE, 1,1-DCE, and VC. TCE, 1,1-DCE, and VC, none of which were detected in any of the samples. A RAB attendee asked if 24 hours is the standard sampling time frame. Ms. Collins confirmed that yes this is the standard procedure for crawlspace and outdoor air sampling.

Based on these results and the fact that the crawlspaces are permanently vented and passively allow outside air to flow in and out of the crawlspace indicates that no further air sampling is required. There is a potential for new sampling locations in adjacent buildings depending on results from ongoing groundwater investigation.

AOC 8 – Area South of Site 7 Field Work Update

Ms. Sawyer presented recent AOC 8 field activities and results and planned future field activities. The objectives of the ongoing groundwater investigation are to determine extent of Tetrachloroethylene (PCE) and TCE in groundwater, evaluate potential human health and ecological risks associated with presence of PCE and TCE in groundwater, and collect data to evaluate potential remedial alternatives. The first phase of field work included assessing site hydrogeology using a hydraulic profiling tool (HPT) and collecting groundwater samples using direct push technology (DPT). Preliminary results indicate that the groundwater plume has not been fully defined and additional HPT and DPT activities are ongoing. The next phase of work

will include the installation of permanent groundwater monitoring wells, and collection of soil and groundwater samples.

Final Comments/Closing Remarks

Captain Horgan thanked everyone for joining the call and for the work being done. He stated that great work is underway and we still have work ahead of us. Mr. Oyer thanked the presenters for the information and expressed interest in a site visit after COVID restrictions are lifted.

Action Items: None

Next RAB Meeting: To be determined (November 2022)
(Will be advertised on the public websites and
in the *Daily Press* and *Virginia Gazette* newspapers)

Location: To be determined (expected to be York County Public Library)

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

Mr. Bryan Peed, Naval Facilities Engineering Command Mid-Atlantic Remedial Project Manager
for CAX, bryan.k.peed.civ@us.navy.mil or (757) 341-0480

Public Websites:

<https://go.usa.gov/xMame>

ATTACHMENT 1

Public Notice



**Public Notice of
RESTORATION ADVISORY BOARD (RAB) MEETING
for Naval Weapons Station (NWS) Yorktown
Cheatham Annex (CAX)**

Wednesday, November 10, 2021 from 1:00 p.m. to 2:10 p.m.
Virtual Meeting via Microsoft Teams
Call in Phone Number: 1-469-214-8538
Conference ID Number: 833 172 868#

The Public is Invited to Attend

NWS Yorktown CAX is inviting the community to participate in the RAB meeting to be informed of Environmental Restoration Program (ERP) issues, investigations, and cleanups. The ERP addresses past contamination to protect human health and the environment and relies on public awareness and engagement in the process. This is your opportunity to participate by providing direct input during this meeting. NWS Yorktown CAX, the Virginia Department of Environmental Quality, and the U.S. Environmental Protection Agency are committed to the RAB, which symbolizes our commitment to maintaining open dialog with local communities as we work together to Clean, Protect, & Restore.

To join the meeting by telephone only, please call 1-469-214-8538, and enter conference ID 833 172 868#. A link to the virtual meeting and presentations for the meeting will be posted to the public website. To request a mailed hardcopy of the presentations, please contact the Navy's contractor, Ms. Stephanie Sawyer, at (757) 671-6273.

For additional information regarding the RAB Meeting or the ERP at NWS Yorktown CAX, visit our website:

<https://go.usa.gov/xMame>

or contact the Navy Public Affairs Officer
Phone: (757) 887-4939

#MissionCleanup – Clean, Protect, & Restore

Notice published in the *Virginia Gazette* and *Daily Press* on November 6 and November 8, 2021, respectively. (In addition, notification letters are mailed to the Community Co-Chair and community members on the mailing list.)

