

**Naval Weapons Station Yorktown
Restoration Advisory Board
Meeting
16 February 2005**

**Charles E. Brown Park Community Center
Old Williamsburg Road**

2/16/05 - 01658

AGENDA

INSTALLATION RESTORATION ADVISORY BOARD

NAVAL WEAPONS STATION YORKTOWN

CHARLES E. BROWN PARK COMMUNITY BUILDING

OLD WILLIAMSBURG ROAD (Route 238)

Wednesday, 16 February 2005, 6:30 PM

WELCOME/INTRODUCTION.....Jim Kemp
Public Affairs Officer

NAVY REMARKS..... CDR Dave Lambert
Executive Officer

COMMUNITY REMARKS..... Jay Dewing
Community Co-Chair

ATSDR Site Visit.....Channing Blackwell
CNRMA
(5 minutes)

FY 2004 & 2005 Goals Update.....Linda Cole
Cheatham Annex FFA Update NAVFAC MidLANT
(15 minutes)

NWSY Site 4 Remedial Action Update..... Channing Blackwell,
CNRMA and Bill Hughes,
Shaw Environmental
(10 minutes)

NWSY Site 6 Remedial Action Update.....Bill Hughes
(15 minutes)

FINAL COMMENTS/CLOSING REMARKS Jim Kemp

Break15 minutes

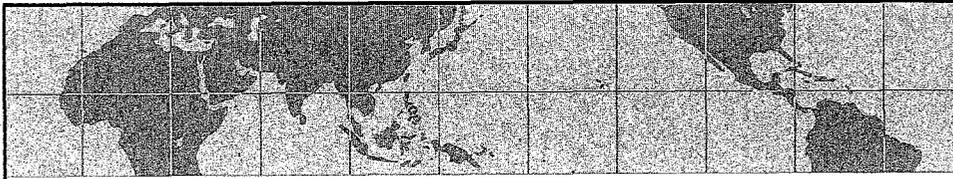
NWSY Site 18 PRAP Public Meeting

Introduction Channing Blackwell

Site 18 PRAP Presentation Don Joiner
Baker Environmental
(20 Minutes)

Public Comments/Questions

FUTURE RAB MEETINGS: Wednesday, 18 May 2005
Wednesday, 17 August 2005
Wednesday, 16 November 2005



ATSDR Site Visit Public Health Assessment

Restoration Advisory Board Meeting
Naval Weapons Station Yorktown
16 February 2005

Mr. Channing Blackwell, Presenter
CNRMA Installation Restoration Manager



ATSDR

- ◆ ATSDR (Agency for Toxic Substances and Disease Registry)
- ◆ ATSDR is organized within U.S. Department of Health and Human Services Public Health Service
- ◆ ATSDR has authority through the NCP to perform Public Health Assessments for sites on the NPL
- ◆ ATSDR is an advisor to EPA



Purpose of the site visit and PHA

- ◆ To begin the process of collecting site specific information in support of the health assessment
- ◆ Why do a health assessment at WPNSTA:
 - ❑ "Because large numbers of hazardous waste sites and facilities can potentially affect public health" PHA Guidance Manual
 - ❑ "The Agency's instrument of choice is the public health assessment, which characterizes the nature and extent of hazards and identifies communities where public health actions are needed." PHA Guidance Manual
 - ❑ This PHA will assist in reaching this determination

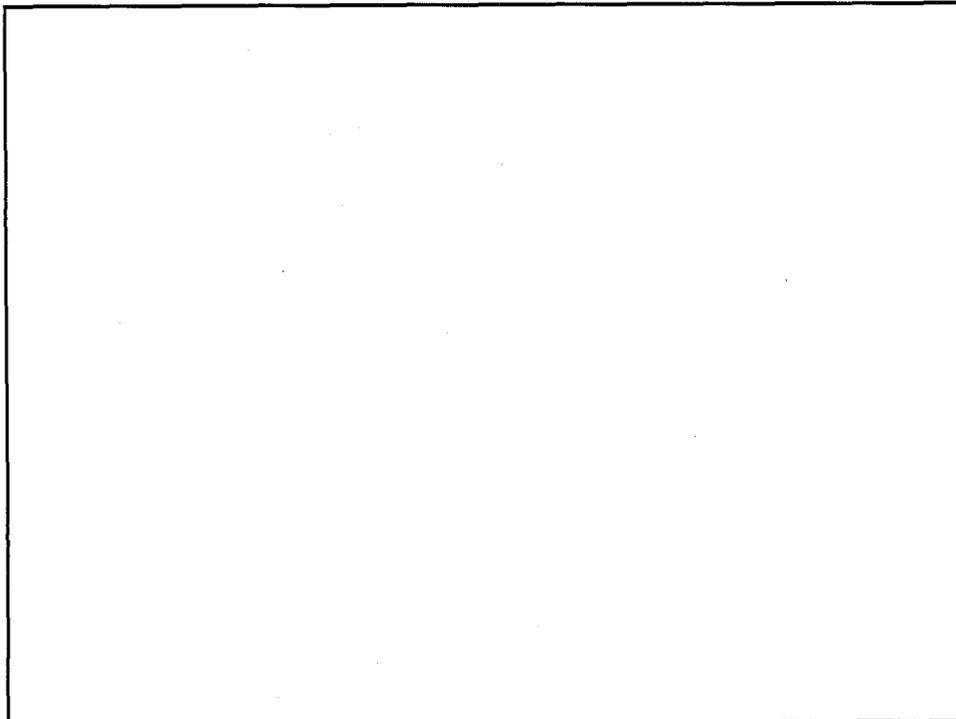
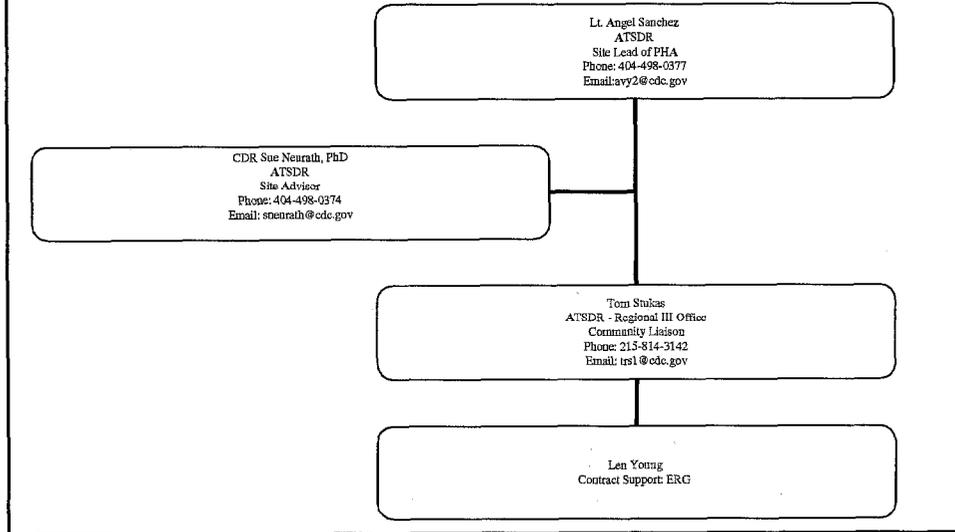


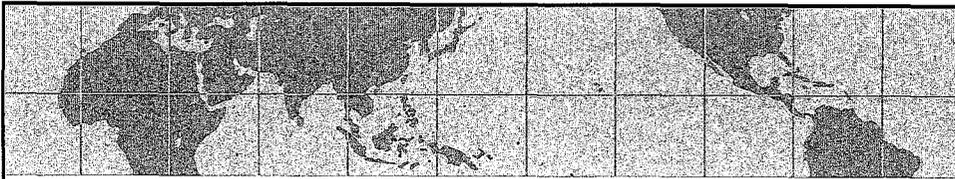
ATSDR Site Visit

- ◆ ATSDR performed a site visit of WPNSTA 8-10 February
- ◆ Site visit included visits and interviews:
 - ❑ Team members toured Installation Restoration sites, residential housing areas, and recreational areas and spoke with representatives from Housing, MWR, Public Affairs, Child Development, Utilities and Safety
- ◆ Navy has provided the Admin Record to ATSDR (CDs)
- ◆ Draft report expected prior to end of Fiscal Year (30 Sept)



ATSDR Site Visit Team Organization and Contact Information



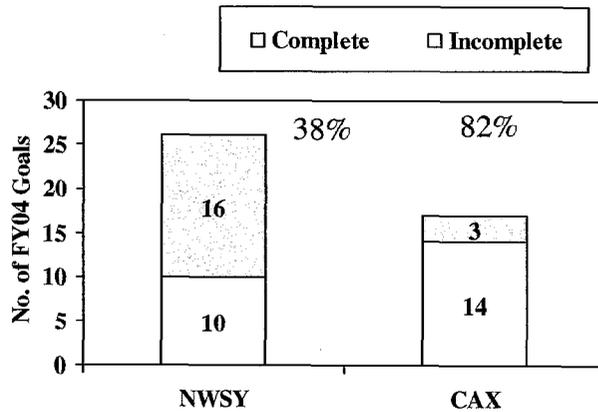


Naval Weapons Station Yorktown FY04 Goals Update

Restoration Advisory Board Meeting
16 February 2005
Presented by Linda L. Cole, P.E.
NAVFAC MIDLANT
Remedial Project Manager



How Did We Do Last Year?





What Were the 10 Goals at NWSY?

- ◆ Continued bioremediation at Site 6
- ◆ Issued Final RI for Sites 2, 8, and 18 and SSA 14 (included SERA)
- ◆ Issued Draft RI for Sites 27-30 (included SERA)
- ◆ Issued Draft MPP
- ◆ Issued Final SSP Addendum for SSAs 3-5 and 21



And...

- ◆ Signed Final SSP Report for SSAs 3-24
- ◆ Issued Draft EGIS
- ◆ Issued Draft LTM Report for Site 12
- ◆ Issued Final GWOU I Work Plan
- ◆ Issued Draft Final 04-05 SMP



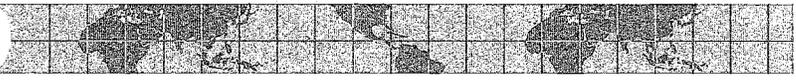
What Were the 14 Goals at CAX?

- ◆ Performed Site Visits or Watched Video
 - Site 4
 - Site 7
 - Site 9
 - AOC 2
 - Penniman AOCs
- ◆ Issued Final Action Memorandum for Site 7



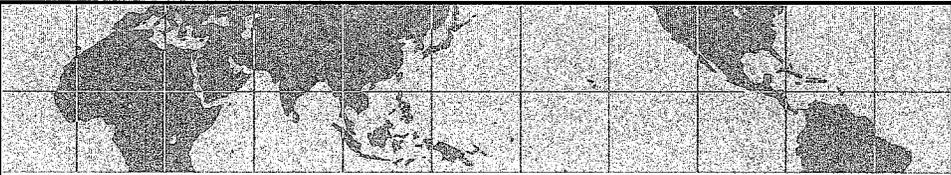
And...

- ◆ Issued Draft RI at Site 11
- ◆ Issued Draft Tech Memo at Site 12
- ◆ Issued Final Tech Memo at Site 12
- ◆ Issued NFRAP DD at Site 12
- ◆ Issued Draft EGIS Update
- ◆ Issued Background Study
- ◆ Issued Draft FFA
- ◆ Issued Pre-final FFA

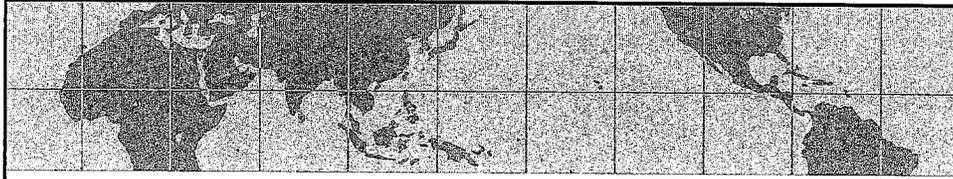


*What Else We Accomplished at
CAX!*

- ◆ Round One RI for Site 1
- ◆ Trenching and Limited Field Investigation for Site 7N
- ◆ 100% Design for Shoreline Stabilization at Site 7N



Great Job Team Yorktown!!!



Naval Weapons Station Yorktown FY05 Goals

Restoration Advisory Board Meeting

16 February 2005

Presented by Linda L. Cole, P.E.

NAVFAC MIDLANT

Remedial Project Manager



What Do We Want to Accomplish this Year at NWSY?

- ◆ Complete bioremediation of pretreatment cell #1 at Site 6
- ◆ Issue NFA ROD for Sites 4 and 18
- ◆ Delineate contamination at Sites 2 and 8 and at SSA 14 and issue EE/CA
- ◆ Issue an EE/CA for Site 23



There's More?

- ◆ Delineate the wetlands down gradient of the beaver pond
- ◆ Issue draft work plans for GWOU III and IV
- ◆ Issue the LTM report for Site 12
- ◆ Issue a draft EGIS



And What About CAX?

- ◆ Issue the RI for Sites 4 and 9
- ◆ Issue an Action Memo for Site 4 surface cleanup
- ◆ Further delineate waste at Site 7 and issue a draft EE/CA
- ◆ Finalize the FFA
- ◆ Issue work plan for wetlands at Site 1



WPNSTA/CAX Site 4 Removal Action Video Update

Restoration Advisory Board Meeting
Naval Weapons Station Yorktown
16 February 2005

Mr. Channing Blackwell, Presenter
CNRMA Installation Restoration Manager



Site 4-Burning Pad Residue Landfill





Site 4-Burning Pad Residue Landfill Removal Action Video Update

• Background

- Site 4 – Burning Pad Residue Landfill
 - Site 4 is approximately 10-acres in size
 - Area was used as a land disposal area from 1940 until 1975
 - Materials reportedly disposed at the site included:
 - carbon-zinc batteries, burning pad residues, tree stumps, fly ash from coal-fired boilers, mine casings, electrical equipment, and transformers.
 - Final Project Closeout Report (Shaw 2003)
 - Unitec, Inc. follow-on stockpile removal
 - Shaw Environmental removal of remaining stockpile
 - Stockpile area restoration planned for April 2005

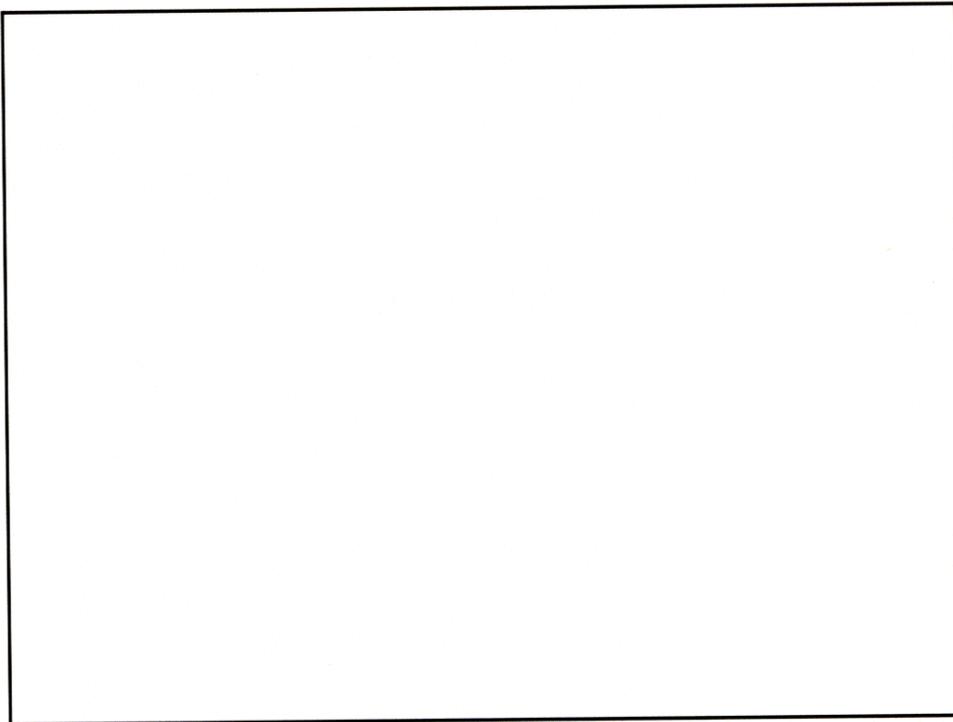


Site 4-Burning Pad Residue Landfill Removal Action Video Update





Site 4-Burning Pad Residue Landfill
Removal Action Video Update
(Ready for Restoration)





Naval Weapons Station Yorktown Site 6 Update

Restoration Advisory Board Meeting

16 February 2005

Presented by

Bill Hughes

Shaw E&I



Site 6 - Status

- Reached the limits of the contamination
- Achieved lower residential cleanup goals
- Preparing Grading & Planting Plan





Site 6 – Next Step, restoration



Questions?



2/16/05-01658
(continued)



Naval Weapons Station Yorktown
Site 18 – Building 476 Discharge Area
Proposed Plan

Public Meeting
16 February 2005
Presented by Don Joiner, P.E.
Baker Environmental



Presentation Goals

- ◆ Review Naval Weapons Station Yorktown History
- ◆ Summary of Navy IR Program
- ◆ Site 18 History
- ◆ Summary of Remedial Investigations
- ◆ Preferred Remedy
- ◆ Opportunities for Community Involvement



NWSY Yorktown History

- 10,624-acre installation located on the Virginia Peninsula in York and James City Counties and the City of Newport News
- Operated from 1918 to Present
 - Supported mine laying in the North Sea during World War I.
 - For 20 years after World War I, received, reclaimed, stored, and issued mines, depth charges, and related materials.
 - During World War II, the facility was expanded to include three additional trinitrotoluene (TNT) loading plants and new torpedo overhaul facilities.
 - In 1944, a research and development laboratory established for experimentation with high explosives.
 - In 1947, a quality evaluation laboratory was developed to monitor special tasks assigned to the facility, which included the design and development of depth charges and advanced underwater weapons.
 - Present - provide ordnance, technical support, and related services to sustain the war-fighting capability of the armed forces.



Summary of Navy IR Program

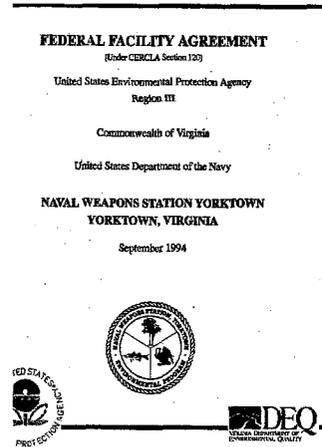
- The Installation Restoration Program at NWSY was implemented to identify, evaluate, and remediate DOD-related environmental contamination resulting from activities that involve hazardous and toxic materials





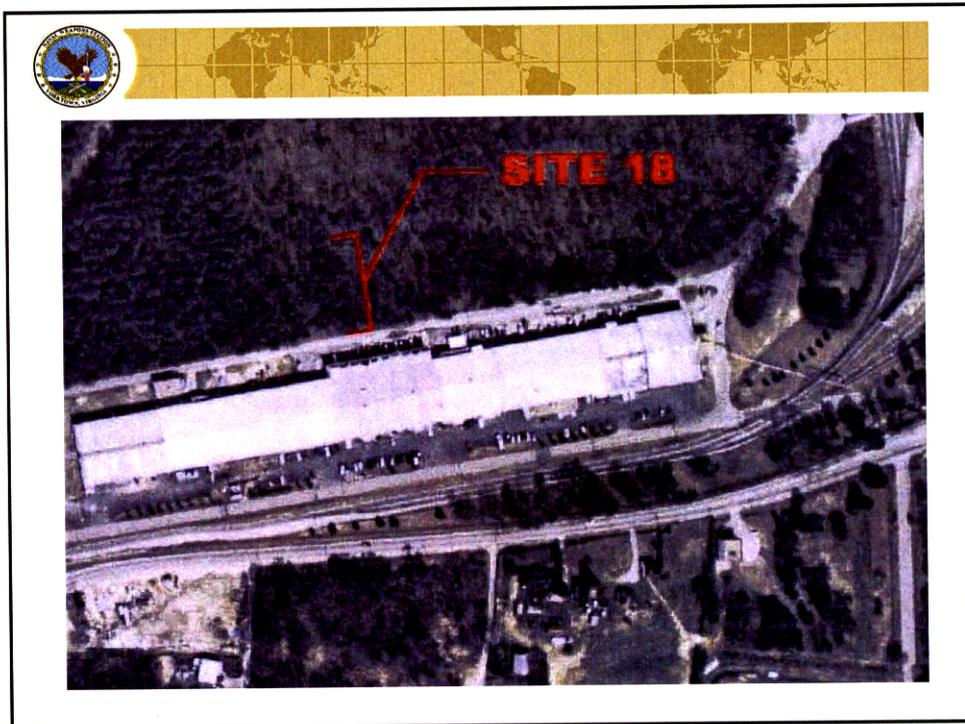
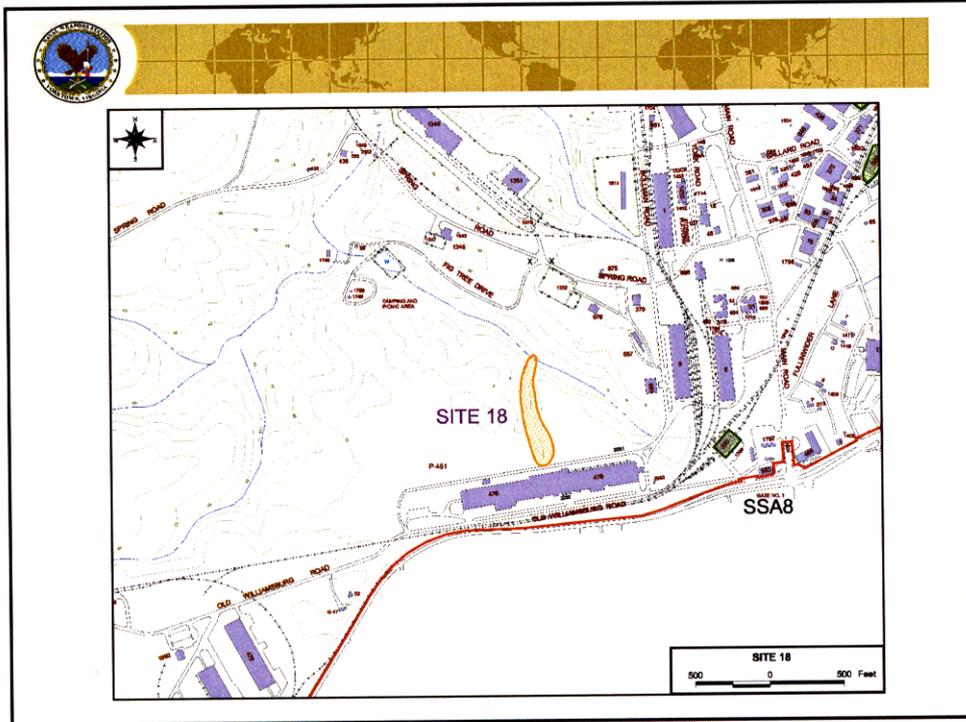
Yorktown IR Program Summary

- ◆ Placed on EPA's National Priority List in October 1992
- ◆ Navy, EPA, VDEQ signed Federal Facilities Agreement in 1994
- ◆ Historical information and IRP site details can be found in the updated Site Management Plan (SMP)
- ◆ Currently 13 Active Sites or SSAs in IRP



Site 18 Background Information

- ◆ 1,300-foot long drainage ditch along small tributary leading to Lee Pond
- ◆ Discharge of battery acid waste in 1940s to 1960s
- ◆ Round One RI completed in 1993
- ◆ Round Two RI completed in 2004





Round Two RI Risk Assessments

- Human health and ecological risk assessments were conducted to evaluate risk from surface soil, subsurface soil, groundwater, surface water, and sediment
- Ecological risk assessment included plants and animals which might come in contact with area soil, water, and sediment (birds, mice, frogs, raccoons, etc.)



Round Two RI Conclusion

- No unacceptable risks to humans or the environment





Proposed Remedial Action Plan

- Proposed Plan addresses soil, groundwater, surface water, and sediment
- No Action Alternative was the only alternative considered since there are no unacceptable risks to humans or the environment



Public Participation

Public invited to submit comments on Proposed Plan until March 14, 2005 to:

Mr. John E Peters
Public Affairs Officer
Naval Facilities Engineering Command, Atlantic
6506 Hampton Boulevard
Norfolk, VA 23508-1278

OR:

Mr. James Kemp
Public Affairs Officer
Naval Weapons Station Yorktown
Yorktown, VA 23691-0160



Remaining CERCLA Documentation

- Finalize Proposed Plan based on public comments
- Issue No Further Action ROD



Questions?

