

US Army Corps
of Engineers
Norfolk District

RESTORATION *News*

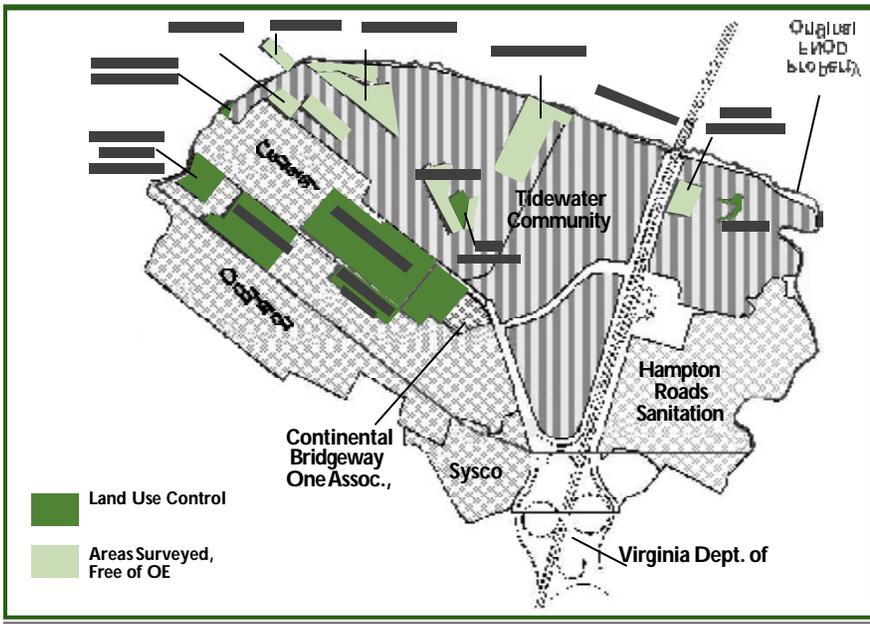
Former Nansemond Ordnance Depot Project Update • Volume 7 • February 2002

Corps Presents Safety Plan for FNOD

The U.S. Army Corps of Engineers will present its proposed Land Use Control Implementation Plan (LUCIP) for the Former Nansemond Ordnance Depot (FNOD) at its next public meeting. The meeting is set for March 7th at Tidewater Community College, Portsmouth Campus, from 6 to 9 p.m.

The controls, such as fences, signs, zoning restrictions and supporting educational programs, are safety precautions designed to protect the community while the Corps continues Ordnance and Explosives (OE) cleanup activities at the Former Nansemond Ordnance Depot site. OE work is expected to continue at least through 2004.

Only approximately 60 acres, or 6 percent, of the 975-acre FNOD site will require specific controls for Ordnance and Explosives.



Map showing areas subject to Land Use Controls

The Corps drafted the proposed plan with the help of the Environmental Protection Agency, the Virginia Department of Environmental Quality, the City of Suffolk and local landowners.

There are two types of controls being proposed for FNOD - engineering and governmental. The primary engineering controls being considered are signs, fences,

See [Corps Presents Safety Plan](#), continued on page 2

You're invited...

**to a Public Meeting at TCC
March 7, 2002
6 to 9 p.m.**

Come and join us at the public meeting on March 7th to discuss Land Use Controls. See the insert for more details.

Land Use Controls are being implemented as a safety precaution while Ordnance & Explosives removal efforts are being implemented at the former depot site over the next 3 years. Two types of land use controls are being considered at FNOD: engineering/access controls (such as fences or signs) and governmental controls (enforced by the property owner or by the government-such as zoning restrictions). Educational programs are being proposed to support both the Engineering and Governmental Controls.

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Corps Presents Safety Plan, continued from page 1

and construction support for sites where OE work is scheduled or ongoing. Governmental Controls will include: zoning restrictions, permitting, and notice requirements.

Educational programs recommended in the plan will support both engineering and governmental controls. They will include regular mailings to owners and occupants, public meetings, newspaper ads, pamphlets and fact sheets and training programs for local organizations, schools, etc. The Corps is also working with the local Emergency Service organizations and Miss Utility to further enhance the public information effort. Miss Utility is a notification center for

excavation projects regarding underground utilities.

The Corps is seeking public comments on the proposed Land Use Control Implementation Plan. Public comments will be accepted from March 7 to April 7. Both the draft plan and associated documents are available on the project web site: <http://www.nao.usace.armymil/Projects/nansemond/welcome.html>. Oral and written comments should be directed to Kenneth Hafner, Project Manager, U.S. Army Corps of Engineers, Norfolk District, 803 Front Street, Norfolk, VA 23510-1096. He can also be reached at Kenneth.W.Hafner@usace.army.mil or at 757-441-7507.

After the public comments are received and reviewed, the Army Corps will work with the EPA, DEQ, and landowners to select and finalize appropriate controls for each site.

In order to ensure that the Land Use Controls are effective, the Corps will initiate agreements with the City of Suffolk, and affected landowners to implement, maintain, monitor, and enforce the Controls. The Corps hopes to have these agreements in place by June.

Once OE work is completed at FNOD, the Corps will reevaluate the land use controls for long-term management of any remaining OE risk.

Summary of Land Use Controls Recommendations

Sites Where OE Removal Action Is Required	Recommendations
<ul style="list-style-type: none"> · Area J Lake and Possible Burning Ground · James River Beachfront Offshore Area · Horseshoe Shaped Pond Area · TNT Disposal Area 	<ul style="list-style-type: none"> · Proceed with planned removals · Maintain existing fences or signs as appropriate · Monitor for zoning variance applications or other potential changes to land use · Review permits and provide OE oversight support for construction activities · Impose advisories and restrictions to minimize incompatible land usages · Continue ongoing educational programs
Sites Where OE Removal Action Is Ongoing	Recommendations
<ul style="list-style-type: none"> · Main Burning Ground · Dominion Lands - Ongoing Work 	<ul style="list-style-type: none"> · Continue ongoing removals · Secure work areas by using fences or signs as appropriate · Review construction permits and provide OE oversight support for construction activities · Impose advisories and restrictions to minimize incompatible land usages · Continue ongoing educational programs
Sites Where OE Removal Actions Are Completed	Recommendations
<ul style="list-style-type: none"> · Dominion Lands - Completed Work (Continental Prop) · James River Beachfront · Nansemond River Beachfront · Former Building E-410 · Former Buildings L-11/L-12 	<ul style="list-style-type: none"> · Monitor zoning for variance applications or other potential changes · Review construction permits and provide OE oversight support for construction activities · Impose advisories and restrictions to minimize incompatible land usages · Continue ongoing educational programs

Latest Round of Residential Well Sampling Begins

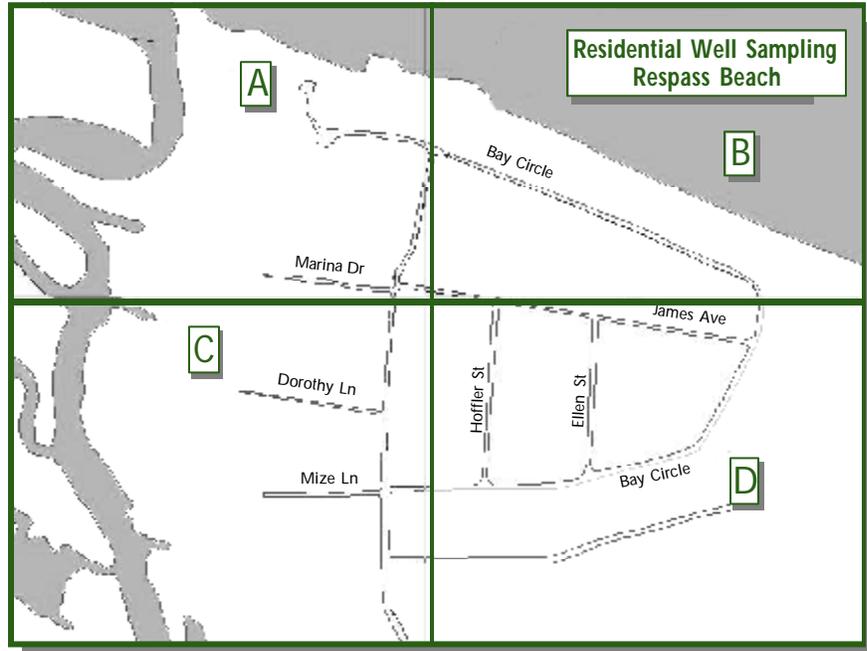
In April 2001, the Corps began identifying residents in the Respass Beach area to participate in a residential well sampling effort. The project team will be looking at deep and shallow aquifers on both sides of Streeter Creek and plans to install a few additional well clusters and an additional single well. The sampling effort will involve two residential wells from each quadrant – one shallow and one deep.

“We are looking for FNOD related contaminants of concern to see if there is a connection,” says Cheryl Fromme, the U.S. Army Corps Project Engineer. The Corps hopes to gather more information on how the groundwater flows throughout the FNOD area.

The Army Corps has submitted the residential well sampling plan to EPA and Virginia Department of Environmental Quality (VDEQ) for review. Once the Corps receives and addresses comments on the proposed plan from the regulators, the Corps will initiate the sampling effort.

in either of these residential sampling events. Information on these sampling events minus the actual addresses are available in the information repository

at the TCC Portsmouth Campus library and in the Administrative Record kept at the Corps of Engineers office in Norfolk.



Anticipated Schedule

- February 2002 - finalize the work plan
- March 2002 - install the additional wells
- April 2002 - conduct the sampling
- May-June 2002 - lab and data analysis
- July 2002 - prepare the draft report
- August 2002 - internal and regulatory review
- October 2002 - Results provided to the participating landowners and presented at the October RAB meeting.

For privacy purposes, the Corps will not reveal the names of the property owners who will be having their wells sampled. If the sampling results from this effort suggest that there is a connection between the former depot and Streeter Creek or Respass Beach, the Corps will investigate the connection further.

The Corps has conducted two rounds of residential well sampling in the Respass Beach/Streeter Creek area – one in November 1997 and one in February 1998. None of the substances found in the preliminary sampling conducted at FNOD (i.e. Nitroaromatics or TCE) showed up

Ordnance Removal Efforts

Of the 975 acres at FNOD, only 133 acres were identified as potential OE concerns initially. Of those, 70 acres have been investigated by the Corps and proven not to contain OE. The Corps has cleared 31 acres for ordnance and has 32 acres remaining to be investigated.

The Corps' first priority in 2002 is to complete work on Dominion Lands property. This will involve an OE investigation and clearance of 15 additional 100-by-100 foot "grids". Work will continue on GE's property where 82 OE "grids" still require clearance. As of January 2002, 62 of the "grids" were completed on GE property. Most of the OE work at TCC has been completed with the exception of an additional survey that will be conducted in the vicinity of Pit 18, on the south side of Jamestown Road, in the TNT area, and a survey of the area adjacent to J Lake.

Project Updates

NPL Source Area

James River Beachfront

Now that the beachfront removal action has been completed, a remedial investigation/feasibility study (RI/FS) and risk assessment will be performed to determine what additional work is required. The Corps will investigate metallic anomalies and other possible contamination in a separate near offshore investigation.

Areas of Concern

Nansemond River Beachfront

The slag or burn material found at the Nansemond River Beachfront has been classified as non-hazardous. The large and visible material has been removed, but small pieces are still being recovered. Monthly monitoring will be conducted to remove additional slag that appears. Erosion control measures are currently being evaluated. Confirmation sampling will be conducted to determine what, if any, additional work is needed.

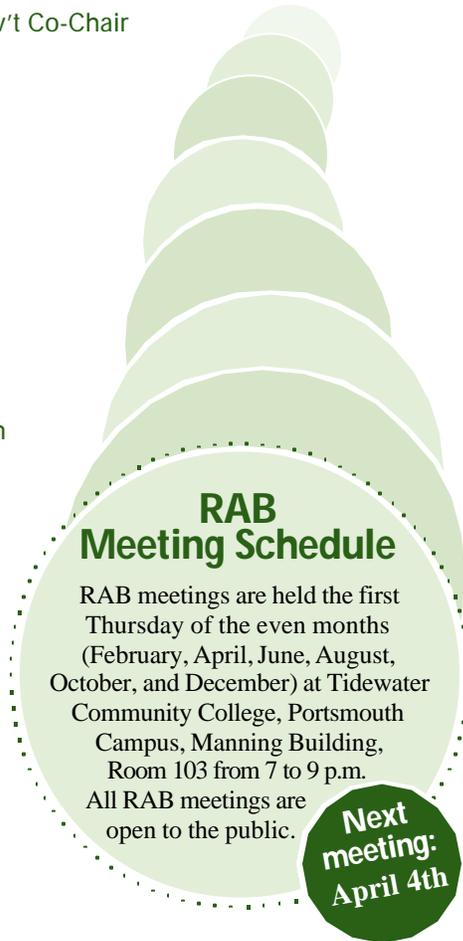
Get Involved with the Restoration Advisory Board

If you are interested in the work that goes on at the Former Nansmond Ordnance Depot you can become more involved through the Restoration Advisory Board (RAB). Many people in the community serve as members of the RAB and represent the area they live in or the organization they belong to. The neighborhoods closest to the FNOD site include: Harbour View, Huntersville, Respass Beach, Burbage Grant, Armistead Forest, and College Square. The RAB welcomes community participation and input.

If you would like to receive more information about the RAB, please fill out the reply card below.

RAB MEMBER LIST

- Ken Hafner**
USACE, Project Manager/Gov't Co-Chair
- Bea Rogers**
Community Co-Chair
- James Bennett**
Alternative Co-Chair
- Rob Thomson**
EPA
- Dave Saunders**
Bennett's Creek
- Tom O'Grady**
City of Suffolk
- Stephen Cline**
GE
- Fred Bright**
Nansmond Tribal Association
- Cherie Walton**
Reactivities Management
- Bruce Johnson**
Respass Beach
- Dave Taylor**
Suffolk Fire Department
- Eric Salopek**
VDEQ
- Russ Dudley**
VDOT
- Tim Fink**
TCC
- Thomas Decker**
Burbage Grant
- Ted Sherman**
Continental Properties



RAB Meeting Schedule

RAB meetings are held the first Thursday of the even months (February, April, June, August, October, and December) at Tidewater Community College, Portsmouth Campus, Manning Building, Room 103 from 7 to 9 p.m. All RAB meetings are open to the public.

Next meeting: April 4th

For More Information:

U.S. Army Corps of Engineers

Norfolk District
Ken Hafner, Project Manager / Government Co-Chair
803 Front Street, PPM
Norfolk, VA 23510-1096
Phone: (757) 441-7507
Email: kenneth.w.hafner@usace.army.mil

CEC, Inc.

Sandra Chaloux, Contractor Support
1041 Sterling Road, Suite 106
Herndon, VA 20170
Phone: (800) 232-7074
Email: s.chaloux@ce-com.com

Information Repository

Tidewater Community College Library
7000 College Drive
Portsmouth, VA 23703
Phone: (757) 822-2130
Hours: 8 a.m. to 9 p.m. Monday through Thursday
8 a.m. to 4 p.m. Friday

Project Website

<http://www.nao.usace.army.mil/Projects/Nansmond/welcome.html>

RAB Information Reply Card

U.S. Army Corps of Engineers, Norfolk District
The Former Nansmond Ordnance Depot Project

I'd like to receive an application and more information about the RAB.

Topics I'd like to see in future issues of *Restoration News*:

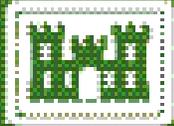
Name _____

Street Address _____

City _____ State _____ Zip Code _____

Affiliation _____

Phone _____ E-mail: _____



**US Army Corps
of Engineers**
Norfolk District

**The Former Nansemond
Ordnance Depot Project**

Public Meeting

~
**March 7, 2002
6 to 9 p.m.**

Tidewater Community College
Portsmouth Campus

~
The Manning Building
7300 College Avenue
Suffolk, VA

Directions: From I-664 South,
take the VA-135 North / College
Drive exit, number 8A, and
merge onto College Drive.
Follow the signs to TCC and the
Manning Building

Public Meeting

The Former Nansemond Ordnance Depot (FNOD) Project

Date

March 7, 2002, 6:00 p.m. to 9:00 p.m.

Location

Tidewater Community College, Portsmouth Campus
The Manning Building, 7300 College Avenue, Room 103

Purpose

To solicit public input on the Land Use Controls Implementation Plan (LUCIP) for FNOD

Session Agenda

6:00 p.m. to 7:00 p.m. – Exhibit Displays / Open House
7:00 p.m. to **9:00** p.m. – Presentations and Question and Answer Period

Agency Participation

U.S. Army Corps of Engineers
U.S. Environmental Protection Agency (EPA)
Virginia Department of Environmental Quality (VDEQ)

Public Comment Period

The public comment period for the Land Use Controls Implementation Plan (LUCIP) at FNOD will begin on March 7, 2002 with the public meeting and end on April 7, 2002. Copies of the LUCIP can be obtained from the project website at <http://www.nao.usace.army.mil/Projects/Nansemond/welcome.html>. Public comments should be submitted to Ken Hafner at Kenneth.W.Hafner@usace.army.mil.

Contact Information

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CEC, Inc.
Phone: (800) 232-7074

Ken Hafner
FUDS Project Manager
U.S. Army Corps of Engineers
Phone: (757) 441-7507

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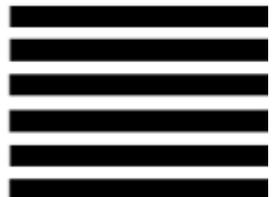
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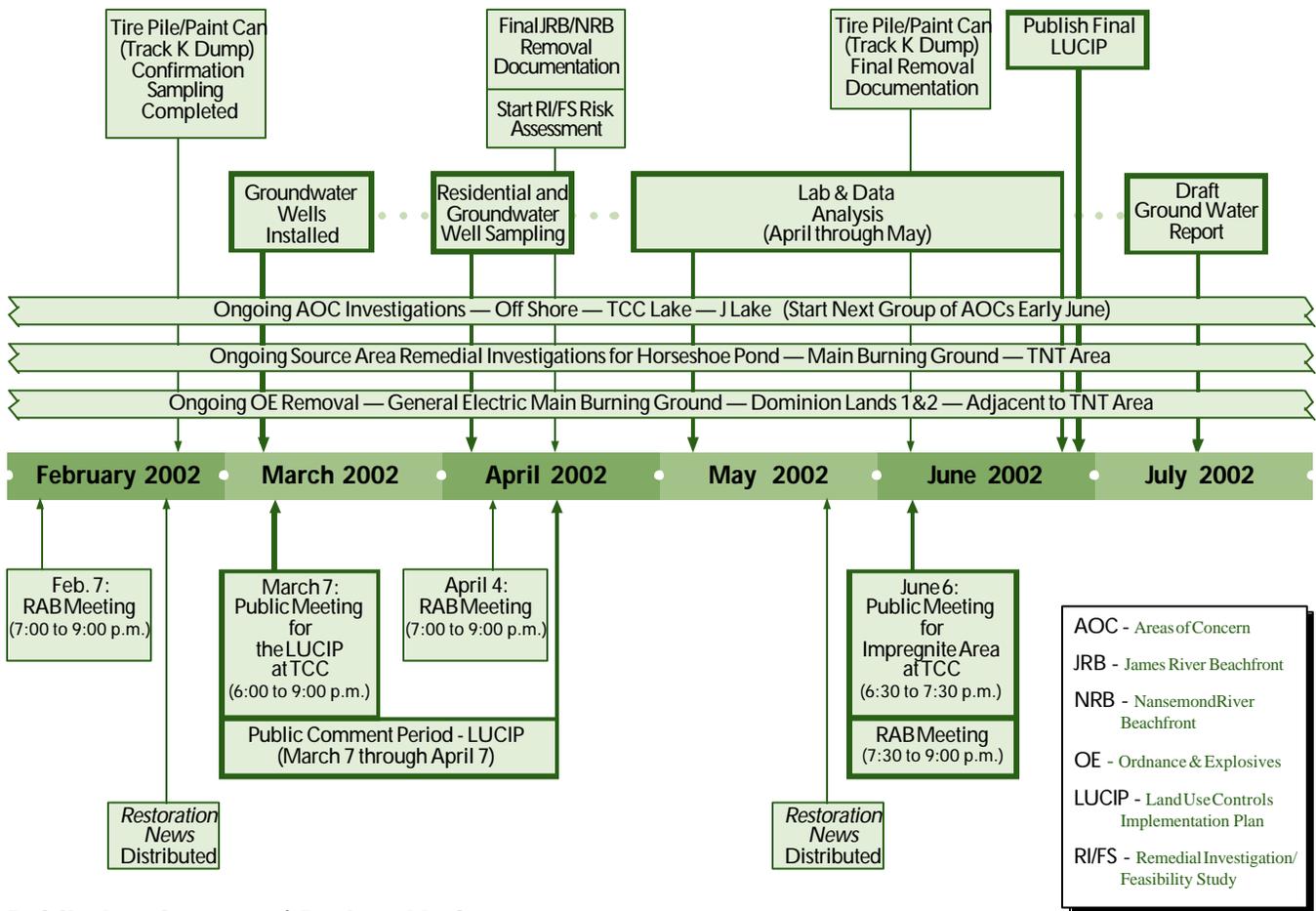


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FNOD Project Timeline

Technical Milestones



Public Involvement / Project Updates



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