

NOT RABJ  
16 NOV  
21 FEB

8/23/95-01988

AGENDA

Proposed Remedial Action Plan (PRAP) Public Meeting for OPERABLE  
UNIT (OU) II (SITE 16/SSA 16) and RESTORATION ADVISORY BOARD  
(RAB) Meeting

FOR THE

INSTALLATION RESTORATION PROGRAM (IRP)

NAVAL WEAPONS STATION YORKTOWN

YORKTOWN, VIRGINIA

YORK COUNTY SOCIAL SERVICES/RECREATION CENTER

301 GOODWIN NECK ROAD

23 AUGUST 1995

6:30 PM

WELCOME/INTRODUCTION.....J. T. (Tom) BLACK  
Public Affairs Officer  
  
Capt. S. A. Denham  
Navy Co-Chair  
  
Jay Dewing  
Community Co-Chair

PRAP MEETING

PRAP POSTER BOARD SESSION (6:30 - 7:00)

PRAP PRESENTATION (7:00 - 7:30)

QUESTIONS AND ANSWERS (7:30 - 7:45)

BREAK (7:45 - 8:00)

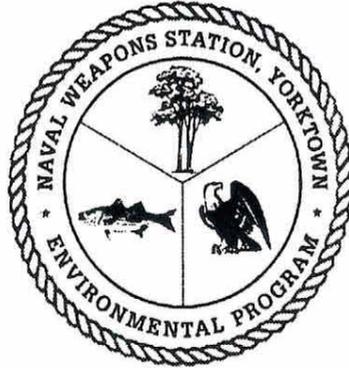
RAB MEETING

OPENING COMMENTS (8:00 - 8:10)

US GEOLOGICAL SURVEY FRAMEWORK STUDY OVERVIEW (8:10 - 8:45)

COMMENTS/ANNOUNCEMENT OF FUTURE MEETINGS (8:45 - 9:00)

ADJOURN (9:00)



# Public Meeting

August 23, 1995

# **Site 16 and Site Screening Area (SSA) 16**

- ◆ **Site Description and History**
- ◆ **Removal Action**
- ◆ **Remedial Investigation and Risk Assessment**
- ◆ **Proposed Plan**

# **Site 16 and Site Screening Area (SSA) 16**

## **◆ Site 16 - West Road Landfill**

- Approximately 5 acres**
- Operated from the early 1950s to the early 1960s as a landfill**
- Materials disposed: batteries, banding materials, pressure transmitting fluid, 55-gallon drums, scrap metal, construction debris, and general refuse**

# **Site 16 and Site Screening Area (SSA) 16**

- ◆ **SSA 16 - Building 402 Metal Disposal Area**
  - **Open area, about 1 acre**
  - **Majority of SSA 16 overlies the northern portion of Site 16**
  - **Dumpsters, scrap metal, empty drums**

# Previous Investigations

- ◆ **Initial Assessment Study (1984)**
- ◆ **Confirmation Study (1986-1989)**
- ◆ **Biological Sampling and Risk Evaluation (1992)**
- ◆ **Round I Remedial Investigation (1992)**

# Removal Action

- ◆ **Conducted in 1994**
- ◆ **Included the removal of surficial debris**
- ◆ **Included the collection of confirmation surface soil samples**

# Round II RI at Site 16 / SSA 16

- ◆ **Field work initiated Summer 1994**
  
- ◆ **Investigation included collection of:**
  - **32 soil samples**
  - **13 groundwater samples**
  - **3 surface water samples**
  - **8 sediment samples**
  - **Fish and benthic macroinvertebrates were collected from 3 stations**

## **Round II RI at Site 16 / SSA 16**

- ◆ **Confirmation samples collected during the Removal Action were incorporated into the Round II RI**
- ◆ **Results were compared with background data**
- ◆ **Sample analytical results were used to complete Human Health and Ecological Risk Assessments**

# **Human Health Risk Assessment**

- ◆ **Conducted for soil, groundwater, surface water and sediment**
  
- ◆ **Potential receptors include:**
  - **on-site adult workers**
  - **future resident adults**
  - **future resident children**
  - **future construction workers**

# **Human Health Risk Assessment Results**

- ◆ **No immediate threats to human health from Site16/SSA 16**
- ◆ **Possible threats to long-term residents if the site were used for housing**
  - **Driven mainly by arsenic, antimony, and manganese in shallow groundwater**
  - **The chemicals are found in background wells**
  - **The shallow aquifer is not used for water supply due to low yield and poor quality**

# Ecological Risk Assessment

- ◆ **Conducted for surface soil, surface water and sediment**
  
- ◆ **Aquatic and Terrestrial**
  - **No unacceptable risk to environment**

# Installation Restoration Process

- ◆ Usually

RI → FS → PRAP → ROD

- ◆ However, at Site 16/SSA 16 there are no areas of concern that require evaluation of remedial alternatives
- ◆ Skipped over Feasibility Study (FS) and proceeded directly to the Proposed Remedial Action Plan (PRAP)

# Proposed Plan for Site 16/SSA 16

- ◆ **No Further Remedial Action with Institutional Controls**
  - **No further remedial action necessary because Removal Action successfully removed potential sources of contamination**
  - **Institutional Controls will restrict residential development and use of shallow groundwater at this site**

# **Public Input on the Selected Remedy**

- ◆ **Public is encouraged to participate in the decision-making process**
- ◆ **Public Comment Period**  
**July 25-September 8, 1995**
- ◆ **Written and Verbal Comments**
- ◆ **Responsiveness Summary**  
**Part of the Final Record of Decision (ROD)**