



DEPARTMENT OF THE NAVY

COMMANDER
NAVAL BASE NORFOLK
1530 GILBERT ST. STE 2200
NORFOLK, VA 23511-2797

9/12/97-01034

IN-REPLY REFER TO:
5090
N452B/293
1 2 SEP 1997

Mr. Randy Jackson
LANTNAVFACENGCOM
Code 18224
1510 Gilbert Street, Bldg. N-26
Norfolk, VA 23511-2699

Dear Mr. Jackson:

SUBJECT: RESTORATION ADVISORY BOARD (RAB) MEETING
SEPTEMBER 30, 1997

The next RAB meeting is scheduled for Tuesday, September 30, 1997. The meeting will begin at 7:00 p.m. in the Commander, Naval Base, Norfolk, Conference Room, 2nd floor, Building N-26, Gilbert Street, Naval Base, Norfolk. A map is provided as enclosure (1). The Naval Base, Norfolk open gate policy will allow you to proceed directly through the gate to the meeting. Enclosure (2) is the agenda for the meeting.

RAB members have expressed interest in receiving executive summaries instead of actual reports; therefore, the executive summary for the Camp Allen Salvage Yard Engineering Evaluation/Cost Analysis (EE/CA) is provided as enclosure (3). The Navy advertised this EE/CA in the September 1-2, 1997 editions of the *Virginian Pilot* which began the 30-day public comment period on the proposed removal action. This EE/CA will also be discussed at the meeting.

Ms. Paula Keicer will contact you several days before hand to remind you of the meeting. If you can not attend, please send a substitute. If you have any questions, please call Mr. Tim Reisch at 322-2896 or Ms. Paula Keicer at 322-2853.

Sincerely,

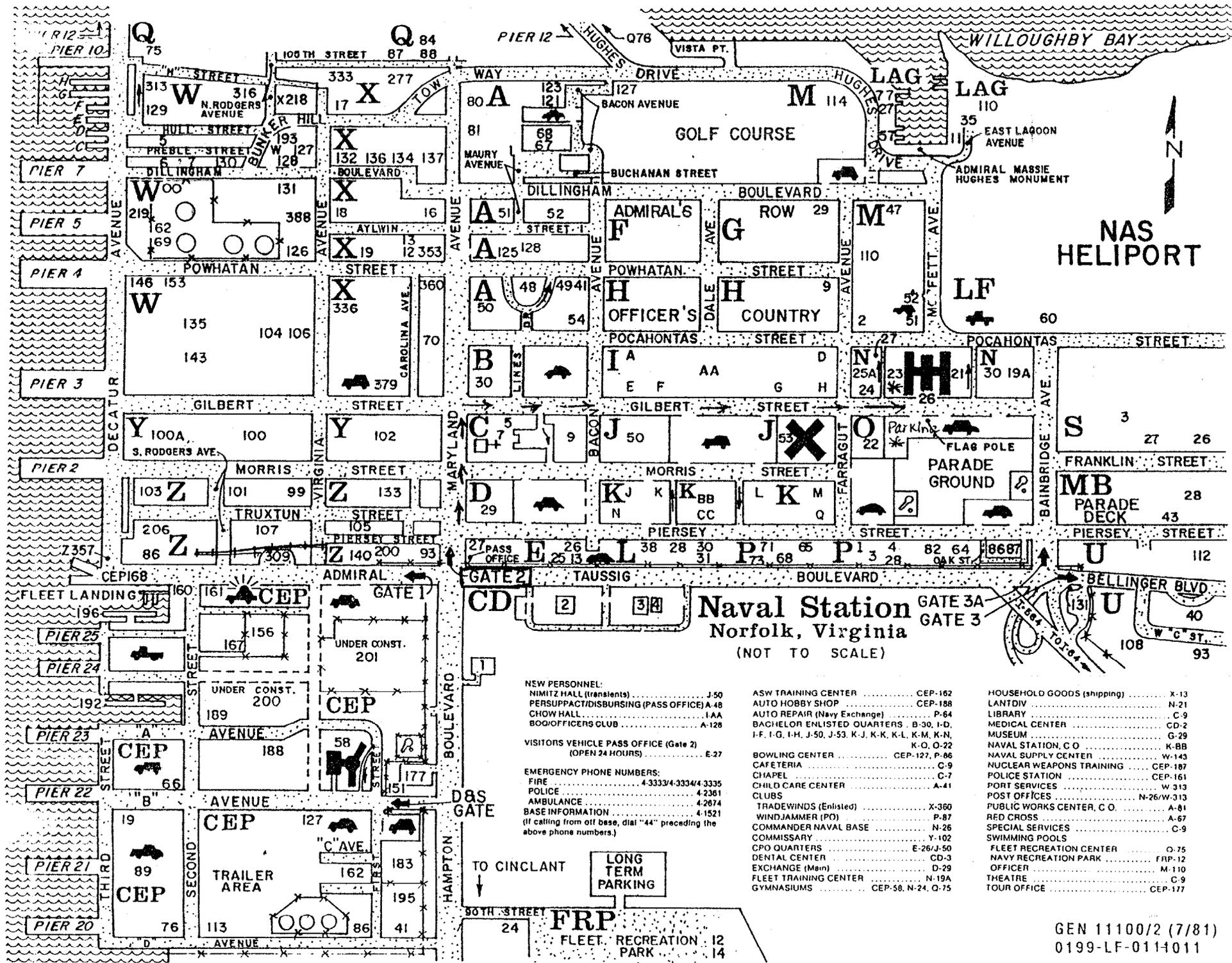
SHARON WALIGORA CUTCHIN
Director, Hazardous Waste Division
By direction of the Commander

Enclosures: 1. Map
2. Agenda
3. Camp Allen Salvage Yard Executive Summary

COMNAVBASE NORFOLK
RESTORATION ADVISORY BOARD MEETING

September 30, 1997

7:00	Introduction/Welcome	Ms. Paula Keicer COMNAVBASE - Public Affairs
7:05	RAB Membership Drive	Mr. Tim Reisch - Navy Co-chair
7:20	Camp Allen Salvage Yard Engineering Evaluation/Cost Estimate	Mr. Don Joiner, Baker Environmental Mr. Randy Jackson - LANTDIV
7:50	Break	
8:00	Community Relations Plan Update	Tim Reisch Ms. Paula Keicer
8:15	Administrative Issues	Tim Reisch - Navy Co-chair Jack Ruffin - Community Co-chair
8:30	General Questions/Comments	



GEN 11100/2 (7/81)
0199-LF-0114011

Encl (1)

**EXECUTIVE SUMMARY
ENGINEERING EVALUATION/COST ANALYSIS
FOR THE
CAMP ALLEN SALVAGE YARD**

The Installation Restoration Program

The mission of the Installation Restoration (IR) Program at the Camp Allen Salvage Yard is to identify, assess, characterize, and clean up or control contamination resulting from past, formerly acceptable chemical use and waste disposal practices. The Engineering Evaluation/Cost Analysis (EE/CA) presents removal action options for the Camp Allen Salvage Yard (CASY).

The EE/CA was conducted in accordance with the removal program requirements defined by the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), the Superfund Amendments and Reauthorization Act of 1986 (SARA), the National Oil and Hazardous Substances Pollution Contingency Plan (NCP), and the U.S. Environmental Protection Agency's (USEPA) Guidance on Conducting Non-Time Critical Removal Actions Under CERCLA.

A non-time-critical removal action is an analysis of removal alternatives for a site where action may be delayed for six months or more before cleanup is initiated. Potential remediation alternatives are evaluated for effectiveness in minimizing or stabilizing the threat to public health, consistency with anticipated final remedial actions, consistency with applicable or relevant and appropriate requirements (ARARs), and cost effectiveness. Non-time-critical removal actions may be interim or final action, or one of a series of planned response actions.

Site Description Background

The CASY facility is located south of the Naval Air Station (NAS) Norfolk and Interstate I-564 in the area known as Camp Allen, Figure 1. The CASY consists of approximately 27 acres of level ground surrounded by chain link fencing. The CASY operated from the 1940s until in 1995 for salvaging and disposing of scrap materials generated in the Tidewater area. The CASY is located between the Camp Allen Landfill Areas A and B which have been investigated under the IR Program and currently undergoing remediation.

Previous Investigations

A Preliminary Assessment/Site Inspection (PA/SI) conducted in January 1993 and a Remedial Investigation (RI) conducted in 1996 identified PCB contamination in the surface and subsurface soils.

Current Engineering Evaluation/Cost Analysis

The need for a non-time-critical removal action at the CASY has been identified and discussed by the Naval Base Tier 1 Partnering Team during the team's first meeting in November 1996. At this meeting the preliminary results of the remedial investigation and risk assessment were presented. The preliminary risk assessment identified PCB contamination in the surface and subsurface soils at the site as the contaminant that was driving the overall site carcinogenic and noncarcinogenic risks. The Partnering Team reach consensus that the clean-up levels for the removal action be based on the results of a focused risk assessment on the surface and subsurface soils and directed the contractor to complete the risk assessment and develop the clean-up goals for the non-time-critical removal action. Clean-up goals of 2mg/kg for surface soils and 5 mg/kg for subsurface soils were agreed upon in the Partnering Team Consensus Agreement, Attachment 1. Calculations using results from the previous investigations indicate approximately 12,660 cubic yards of surface soil and subsurface soil above the remediation goals, Figure 2.

Removal action alternatives including institutional controls, on-site containment, on-site treatment, excavation and off-site thermal desorption, and excavation and off-site disposal were preliminary screen. The removal alternatives selected for further evaluation were 1) Alternative 1 - excavation and on-site thermal desorption, 2) Alternative 2 - excavation and off-site thermal desorption, and 3) Alternative 3 - excavation and off-site disposal.

Each of the selected alternatives were evaluated based upon effectiveness, implementability, and cost. Table ES-1 summarizes this evaluation. Alternative 2 was selected as the best option for a non-time-critical removal action at the CASY. Alternative 2 is preferred because it is the most effective and the easily implemented alternative that does not use land disposal.

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