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FACT SHEET REGARDING INTALLATION RESTORATION PROGRAM SITE 17 NAS
OCEANA VIRGINIA BEACH VA
6/1/1994
NAVAL AIR LANDING FIELD (NAFL)

Naval Air Landing Field (NALF) Fentress, Virginia



Installation Restoration (IR) Program Site 17 Fact Sheet

The Navy has been conducting investigations through their environmental program, the Installation Restoration (IR) Program, at sites where wastes were stored or disposed in the past. Areas are studied and, if necessary, cleaned up to protect human health and the environment.

Synopsis

This fact sheet outlines the Department of the Navy's (DON) proposed removal action for Site 17, the Fire Fighting Training Area at NALF, Fentress, Virginia. The site is located at the intersection of the two abandoned aircraft runways. It was used as a fire fighting training area where jet fuels and spent oils were ignited. Total Petroleum Hydrocarbon (TPH) contamination has been detected at the site up to 9,200 parts per million (ppm). TPHs are a common by-product of petroleum products.

Since the site is currently not in use and there are no immediate threats to human health or the environment, DON proposes to undertake a non-time critical removal action at the site.

Environmental Studies

Four environmental investigations have been conducted at the site to date. They are:

- "Initial Assessment Study (IAS)," December 1984
- "Environmental Investigations," March 1991
- "Site Inspection (SI)," July 1992 and
- "Supplemental Site Investigation," October 1993.
- "Draft Final Engineering Evaluation/Cost Analysis (EE/CA), month 1994

The details of these investigations can be found in the Engineering Evaluation /Cost Analysis (EE/CA) report currently under consideration or the Administrative Record (AR) file. The EE/CA addresses the TPH-contaminated soils at the site, the volume of which is estimated to be 5,440 cubic yards. The AR File includes documents relating to the IR Program, as well as documents which form the basis for the selection of specific removal action at Site 17, NALF Fentress. Results of groundwater (water beneath the ground surface) sampling and analysis has indicated that the site does not pose an adverse impact to groundwater.

Proposed Removal Action

The EE/CA has been prepared to address the remediation of contaminated soils from the ground surface to 4 feet below the surface, or until groundwater is reached. Groundwater at the site is observed between 3.5 and 6.5 feet below the surface; therefore, soil will be excavated from the ground surface to the point where the groundwater is reached. The EE/CA consists of a brief analysis of several removal action options for Site 17. Criteria used to evaluate each alternative include effectiveness in reducing environmental and human health risks, technical implementability, institutional considerations, and total costs.

Based on the evaluation of removal alternatives, DON proposes to excavate the TPH-contaminated soils and remove them to an approved off-site incinerator for treatment. Clean soils from an off-site source will be used to provide backfill for the excavated areas. The site will be restored to its natural condition.

Public Participation

A public notice was published in the *Virginian Pilot/Ledger-Star* on May 22, 1994, inviting public comment on the proposed removal action and public participation in the public meeting to be held on June 14, 1994. The public is encouraged to review the EE/CA and other site information. The public comment period for the Site 17 EE/CA extends up to July 5, 1994, and can be extended by an additional 15 days, upon timely receipt of such a request from the public. Comments on the Draft Final EE/CA for Site 17 will be considered in preparing the Final EE/CA and will be incorporated into the Removal Work Plans as appropriate.

The AR for Site 17 is available for public review at the Virginia Beach Central Library. The Navy encourages public comment on documents placed in the record. The Draft Final EE/CA is available for public review at each of the following information repositories during normal business hours:

- Central Library
(804) 431-3000
4100 Virginia Beach Boulevard
Virginia Beach, Virginia 23452

- Chesapeake Central Library
(804) 436-8300
298 Cedar Road
Chesapeake, Virginia 23320
- Bayside Area Library
(804) 460-8406
956 Independence Boulevard
Virginia Beach, Virginia 23455

Point of Contact

Interested citizens may provide written comments up to July 5, 1994 to:

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