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LETTER OF TRANSMITTAL FOR DRAFT FACT SHEET FOR TRUMAN ANNEX WATER
TOWER SITE REMEDIATION WITH ATTACHMENT NAS KEY WEST FL

7/22/2004

TETRA TECH NUS



TETRA TECH NUS, INC.

AIK-04-0160

July 22, 2004

Project Number HK N0639

via E-mail

Commander
Department of the Navy
SOUTHDIV NAVFACENGCOM
ATTN: Jim Reed (Code ES33)
P.O. Box 190010
North Charleston, South Carolina 29419-9010

Reference: CLEAN Contract No. N62467-94-D-0888
Contract Task Order No. 0349

Subject: Draft Fact Sheet for Truman Annex Water Tower Site, Rev. 0, Naval Air Station, Key West, Florida

Dear Mr. Reed:

I have enclosed the draft Fact Sheet for the Truman Annex Water Tower Site. In addition, an electronic version of the draft Fact Sheet was distributed to the members of the NAS Key West Partnering Team on this date via email for their convenience and to meet TtNUS's contractual obligation under CTO 0349. I am expecting to receive comments or concurrence from the Partnering Team members on this draft Fact Sheet by 26 July 2004. I then plan to distribute the final Fact Sheet that incorporates any comments received from the Partnering Team to the Restoration Advisory Board and members of the NAS Key West environmental mailing list on 27 July 2004.

Please call me at (803) 649-7963, extension 345, if you have any questions regarding the enclosed document.

Sincerely,

C. M. Bryan
Project Manager

CMB:spc

c: Ms. Debra M. Humbert (Cover Letter Only)
Mr. S. Bivone, CCI
Ms. T. Vaught, FDEP
Mr. R. Courtright, NAS Key West
Mr. G. Vogelsong, TN&A
Ms. S. McKnight, ROICC KW

Mr. S. Murphy, ROICC KW
Mr. D. Alford, CBI
Mr. R. Demes, NAS Key West
Mr. T. Ballard, USEPA Region IV
Mr. M. Perry/File
Files 0639-7-3-1



FACT SHEET



Naval Air Station Key West, Florida

TRUMAN ANNEX FORMER WATER TOWER SITE REMEDIATION

INTRODUCTION

This Fact Sheet is being issued by the U.S. Navy, the lead agency for Naval Air Station (NAS) Key West remedial activities, with concurrence from the Florida Department of Environmental Protection (FDEP). The proposed interim remedial action (IRA) is being conducted under the Department of Defense's Base Realignment and Closure (BRAC) program in accordance with the National Contingency Plan (NCP). The Truman Annex Former Water Tower Site, located within the Defense Reutilization and Marketing Office (DRMO) Storage Area at Truman Annex, is the site of interest.

This Fact Sheet identifies the proposed IRA for the Water Tower Site at NAS Key West and briefly explains the rationale for the selection. This Fact Sheet also provides a summary of past environmental work at the Truman Annex Water Tower Site, as well as highlights of the Field Summary Report and Engineering Evaluation/Cost Analysis (EE/CA), produced in July 2004. Additional details may be found in this report, which is available in the Information Repository at the Monroe County Library, 700 Fleming Street, Key West, Florida.

INTERIM REMEDIAL ACTION

The IRA at the Truman Annex Water Tower Site will involve excavation and disposal of contaminated soil from the site. Clean soil will be placed in excavated areas.

Three remedial alternatives for the Truman Annex Water Tower Site were evaluated in the EE/CA: soil washing, encapsulation/stabilization, and excavation and disposal. Excavation and disposal was chosen because it would be the most protective of human health and the environment

since it will remove the contamination. This alternative is also readily implementable because it uses proven and commercially available technologies. In addition, excavation and disposal does not require a treatability study, while the other alternatives would have required this additional study.

FACILITY BACKGROUND

The Water Tower Site is located on the eastern end of the DRMO Waste Storage Area at Truman Annex (Figure 1). The DRMO Waste Storage Area was used to store excess government materials, primarily metal debris. A Site Inspection and Supplemental Site Inspection were performed at the DRMO Waste Storage Area in 1997 and 1998. Based on results of these investigations, contaminated soil was removed from the area in early 1999. The majority of the property has been transferred to the City of Key West. However, a water tower and an approximately 170-foot square area surrounding the tower were retained by NAS Key West. In fall of 2003, the Navy had secured an alternate water supply determined that the water tower was no longer needed for operations and it was removed. The Navy is now preparing to transfer the remaining property to the City of Key West. An investigation was initiated at the Water Tower Site in June 2004 in support of this transfer by identifying any soil contamination that could pose a risk to human or ecological receptors in the future, based on the planned reuse of the property.

Delineation Sampling was performed at the Water Tower Site in June 2004 to identify areas requiring remediation prior to transfer of the property. The Field Summary Report and EE/CA, located in the Information Repository, presents data gathered during delineation sampling, evaluates remedial alternatives, and recommends a final remediation plan for the Water Tower Site.

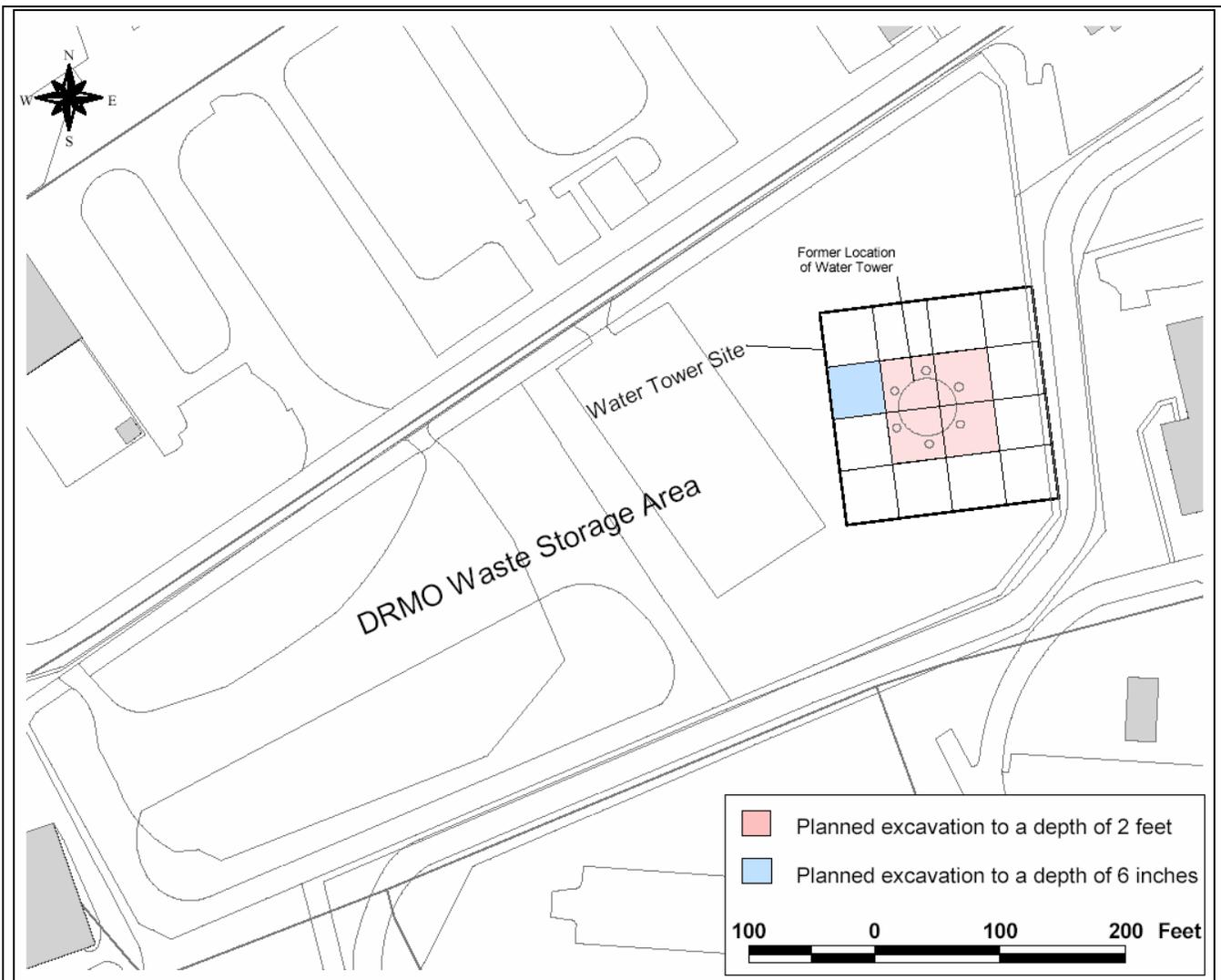


Figure 1. Truman Annex Former Water Tower Site and Planned Excavation.

Polychlorinated biphenyls (PCBs) were detected in areas beneath the water tower at concentrations greater than the cleanup target levels (CTLs) established by FDEP. The top 2 feet of soil from an area approximately 85-foot square beneath the water tower will be removed. Confirmation samples will be collected from the bottom and sidewalls of the excavated area to determine whether additional excavation is necessary.

In another area of the Water Tower site, antimony, arsenic, and lead were detected at concentrations greater than CTLs. These chemicals were detected in a sample collected from the 0 to 6 inches below land surface. The area of approximately 43-foot square surrounding this sample will be excavated to a depth of 6 inches. Confirmation sampling will be performed on the bottom and sidewalls of the excavation to ensure that no additional excavation is needed.

All excavations will be filled with clean soil and site elevations returned to the original contours.

In accordance with Title 40 of the Code of Federal Regulations, Part 300, Section 435(c), the public is invited to review the proposed remedial action. Additional information may be obtained through the following NAS Key West Project Manager at the Navy's Facility Engineering Command:

Jim Reed, Code ES33
 NAVFAC EFD SOUTH
 P.O. Box 190010
 North Charleston, SC 29419-9010
 Phone: (843)820-5543 or Fax: (843)820-7465



PUBLIC NOTICE OF PROPOSED ENVIRONMENTAL REMEDIATION

U.S. Naval Air Station (NAS) Key West submitted a request on 22 July 2004 to the Florida Department of Environmental Protection (FDEP) for approval of the Fact Sheet for the Former Water Tower Site at NAS Key West, Florida. The Former Water Tower Site is located at Truman Annex on the island of Key West, where Navy operations have resulted in surface soil contamination. In this request for approval, the Navy is seeking authorization for the proposed remedy (surface soil removal) as described in the Fact Sheet.

In accordance with Title 40 of the Code of Federal Regulations, Part 300, Section 435(c), the public is invited to review the Fact Sheet and proposed remedial actions. The Navy's request for approval of the proposed remedy and supporting documentation may be viewed and photocopied at:

Local and State History Department
Monroe County Library
700 Fleming Street
Key West, Florida 33040
(305) 292-3595

Additional information may be obtained through the following NAS Key West Project Manager at the Navy's Facility Engineering Command:

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