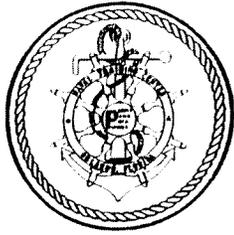


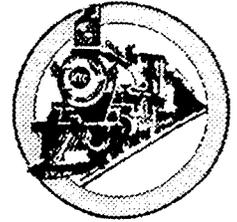
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FACT SHEET REGARDING PROPOSED INTERIM REMEDIAL ACTION AT STUDY AREA 17
NTC ORLANDO FL
11/1/1998
NAVFAC SOUTHERN



Naval Training Center Orlando, Florida

Proposed Interim Remedial Action Study Area 17



This fact sheet was developed to inform interested citizens about the Naval Training Center (NTC), Orlando environmental program. Fact sheets will be distributed periodically to keep the community informed. Additional copies of these fact sheets can be obtained by calling the NTC, Orlando Public Affairs Office at (407) 646-4430.

Site Description

Study Area (SA) 17 occupies approximately 25 acres in the central part of the McCoy Annex at NTC, Orlando (Figure 1). The site is comprised of Buildings 7178, 7191, 7193, and the adjacent area that formerly served as the Defense Property Disposal Office complex for the McCoy Annex (Figure 2). The site also includes Building 7190, the former Administration and Warehouse building. The southwestern corner of the site is undeveloped and includes a fenced compound that once served as a motor pool parking area. Historically, a variety of hazardous compounds were stored at this site in underground and aboveground storage tanks, as well as in metal drums.

Site Investigations

Investigations at SA 17 included

- a site walkover,
- a review of aerial photographs,
- a review of historical documents,
- a geophysical survey,
- a passive soil gas survey, and
- the collection of soil, groundwater, sediment, and surface water samples from selected areas.

The geophysical survey was performed to locate any buried objects that could pose a threat to the environment (e.g., drums, storage tanks, etc.). The survey results indicated the presence of buried materials on the southwest side of the site that proved to be construction debris, including lumber, metal fragments, and glass. There was no evidence of buried material that pose a threat to the environment. The soil gas survey indicated only minor low-level detections of benzene and toluene at one sample location.

Polynuclear aromatic hydrocarbon (PAH) compounds were detected at several soil sample locations at concentrations exceeding Florida guidelines for residential and industrial land use. The area of the base occupied by SA 17 is intended for an industrial re-use scenario. Chlorinated solvents were also detected in the groundwater at concentrations that exceed the Federal and

State allowable limits for drinking water. Additional environmental studies were conducted to determine the extent of PAHs in the soil and of chlorinated solvents in groundwater. The soil studies indicated that there are three

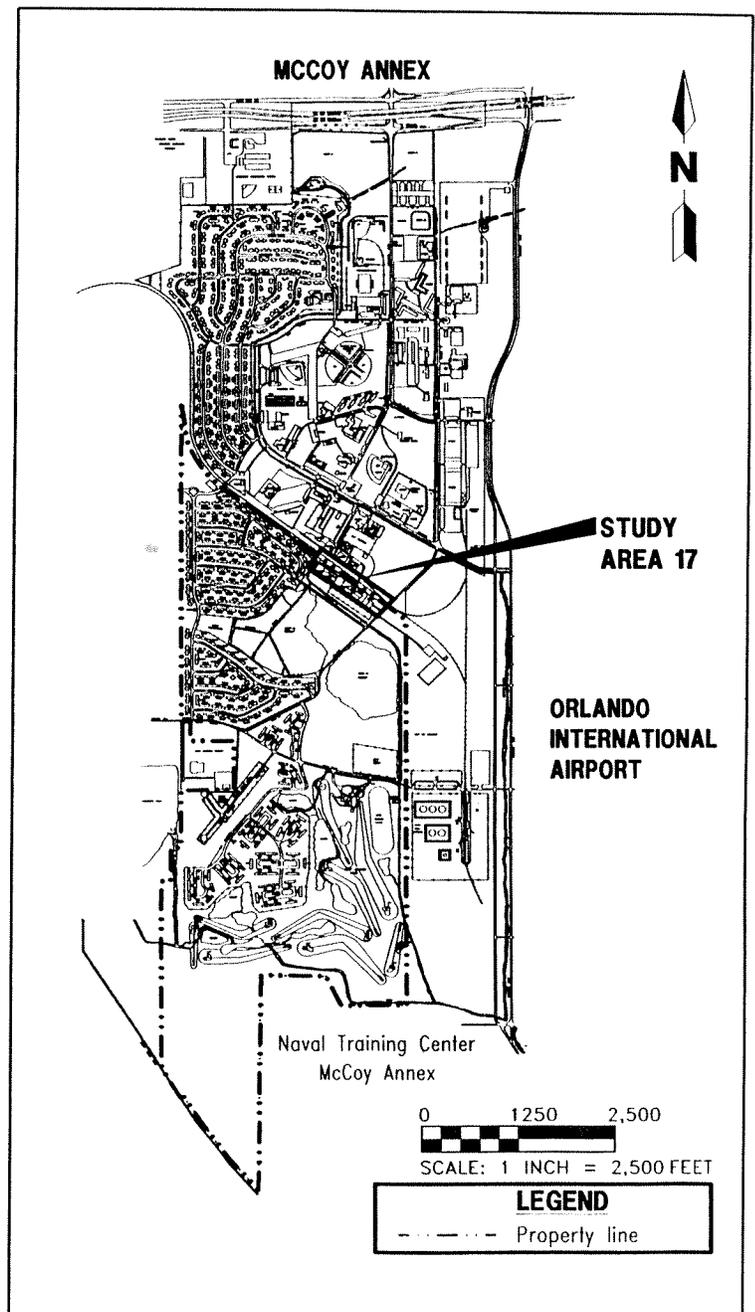


Figure 1. Study Area 17 Site Location Map

small areas in the shallow subsurface located on the southeastern portion of the site with PAHs above allowable industrial concentrations. The contaminated groundwater is located in the southeastern portion of the site and is limited to the shallow aquifer. Groundwater studies are still in progress.

Conclusions and Recommendations

The Navy, U.S. Environmental Protection Agency, and Florida Department of Environmental Protection have determined that an interim remedial action (IRA) is appropriate at SA 17 to protect human health. An IRA is an early cleanup of a specific portion of a site and can be performed before the whole site has been looked at. IRAs respond to environmental contamination of immediate concern and are sometimes the final action at a site. In this way, IRAs can help speed up the entire cleanup process.

What's Next?

The IRA will be completed in early 1999 and involve excavating the contaminated soil that exceeds allowable industrial concentrations. The locations of the excavation areas are shown on Figure 2 and include approximately 185 cubic yards of soil. During excavation activities, soil samples will be collected from the walls and floor of each excavation to confirm that Florida guidelines for non-residential land use have been achieved. The excavated soil will be treated to reduce contamination or transported to an off-base landfill designed to handle this type of material. After the soil is removed, it will be replaced with clean backfill.

When the IRA is completed, the Navy will focus on the groundwater at the site, which has chlorinated solvents above State and Federal drinking water standards. The contaminated groundwater is located in the southeastern portion of the site and is limited to the shallow aquifer, which is not used as a potable water source in the surrounding area. The findings of the investigation are currently in review, and recommendations for future actions at the site are under consideration.

Opportunities for Public Comment

The public is invited to submit any questions or comments on the remedial action described in this fact sheet. Written or verbal comments should be directed to the NTC, Orlando Public Works Office (see phone number listed below). A public comment period will be announced soon in the *Orlando Sentinel*.

For More Information...

If you have questions about the Navy's action at SA 17, or on the environmental program at the NTC, Orlando in general, please contact Mr. Wayne Hansel at the NTC, Orlando Public Works Office, (407) 646-5294. Reports on the work at SA 17 can be reviewed at these locations:

Orange County Public Library, Orlando Branch (2nd floor)
 101 East Central Boulevard, Orlando, Florida 32801
 (407) 425-4694

NTC, Orlando Public Works Department
 1350 Grace Hopper Avenue, Orlando, Florida 32813
 (407) 646-4735

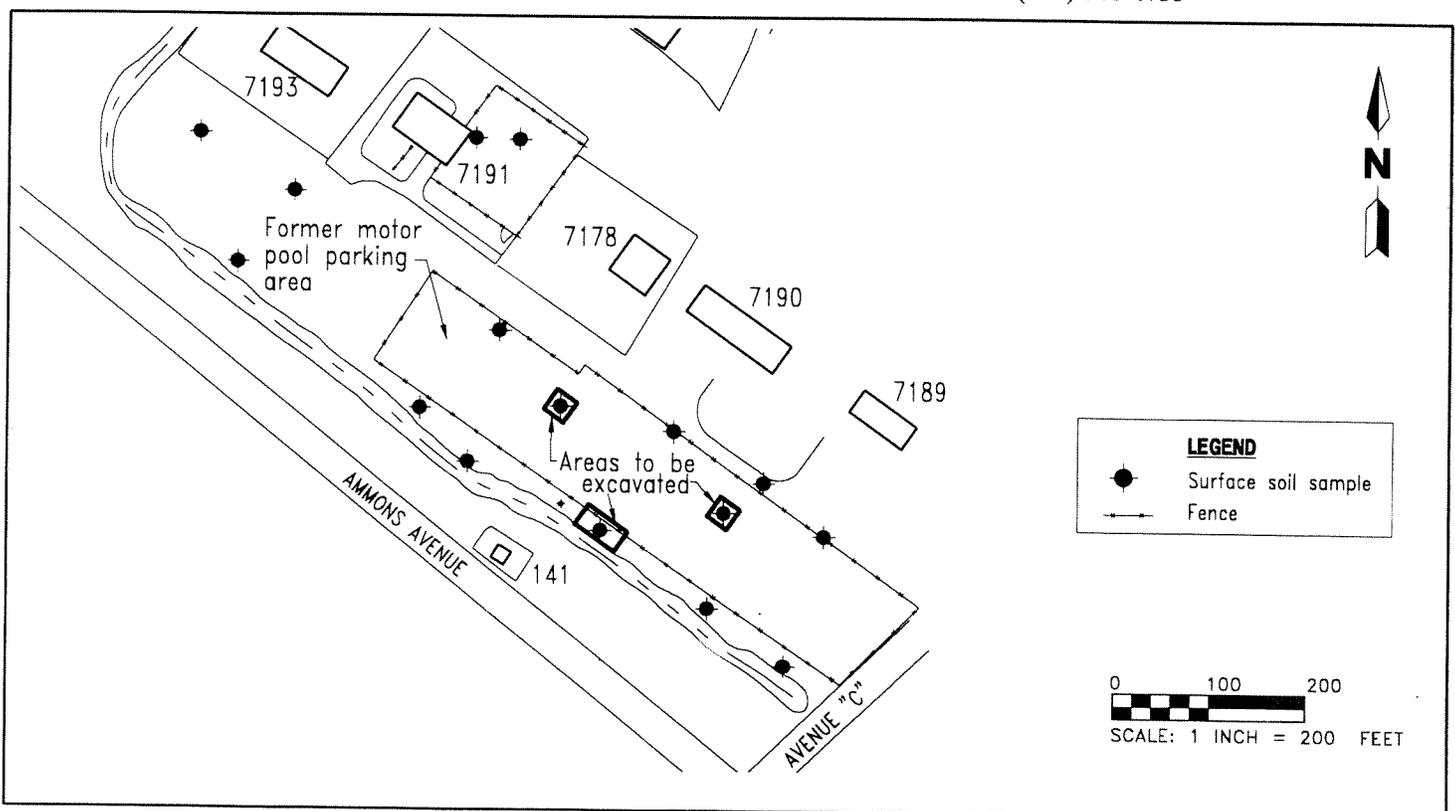


Figure 2. Study Area 17 Site Plan.