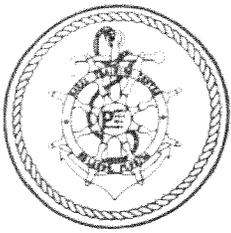


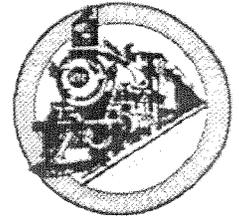
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FACT SHEET UPDATE ON ENVIRONMENTAL STUDIES AT HERNDON ANNEX NTC
ORLANDO FL
9/1/1997
NAVFAC SOUTHERN



Update on Environmental Studies at Herndon Annex

Naval Training Center
Orlando, Florida



September

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

1997

The Naval Training Center's Environmental Program

Environmental studies and cleanup actions are currently underway at NTC, Orlando as part of the Department of Defense's Installation Restoration (IR) program. Through this program, areas of known or suspected contamination from past practices and operations will be identified, evaluated, and, if necessary, cleaned up.

Herndon Annex Location and History

One area currently being studied is NTC's Herndon Annex (Figure 1). The Herndon Annex is approximately 1.5 miles south of the NTC Main Base and adjacent to the city-owned Orlando Executive Airport. Private housing and Lake Barton are located east of the site.

The annex property was used for civilian and military aviation at various times from 1940 to 1968, when the Navy acquired the site. Herndon Annex currently provides support activities to the Main Base, including a supply warehouse.

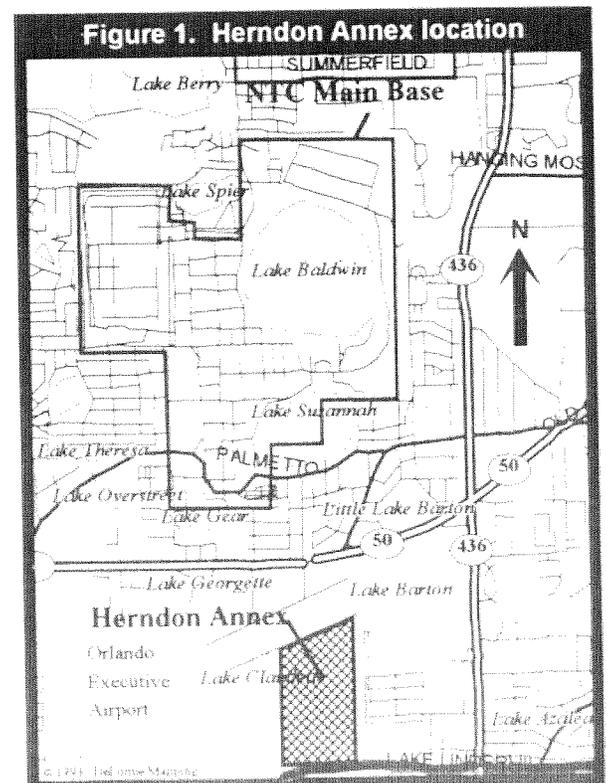
Environmental Studies and Findings

To ensure that past site activities are considered in the investigation approach, environmental studies at Herndon Annex have been coordinated with former site owners (including the City of Orlando and past Federal owners) as needed. To date, the following activities have been conducted to assess conditions at the annex:

- site walkovers
- geophysical surveys to evaluate conditions beneath the site
- direct push technology (DPT) groundwater screening
- monitoring well installation

- surface water sampling in Lake Barton
 - groundwater and soil sampling and analysis
- Groundwater taken from two deep sampling wells at the site contained benzene (see box on back page) at levels above State and Federal environmental limits. Followup groundwater studies using DPT hydraulic sampling equipment confirmed that benzene was present, although the data did not indicate a continuous contaminant plume. These results further suggest several potential benzene sources, some of which may be offsite. One potential source is a former U.S. Air Force firefighting training area approximately 1,700 feet southwest of the annex.

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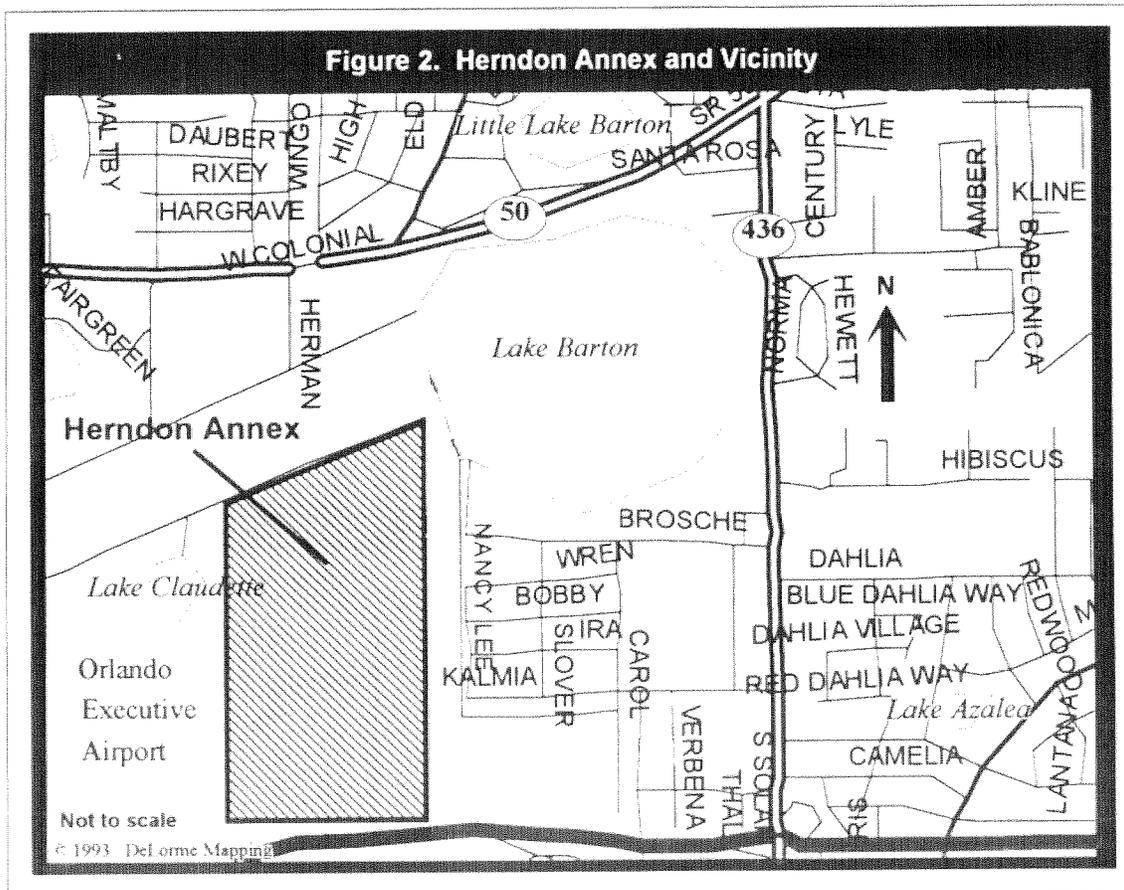


What is Benzene?

Benzene is a colorless liquid that smells like gasoline. It evaporates at room temperature and burns easily. Benzene occurs naturally in coal tar and petroleum. It is also found in commonly used products like paints, inks, gasoline and other motor fuels, and insecticides. People are exposed to benzene by inhaling gasoline vapors, working with carpet glue, varnish, and paints, and through use of tobacco products.

Ongoing and Upcoming Work

Additional groundwater studies have been done to map the extent of the benzene contamination. This sampling has been conducted in the southeastern corner of Herndon Annex and on county and city-owned streets immediately east of the annex (Figure 2). Nearby residents have been notified of this work and will be advised of the sampling results when they become available. A report summarizing the investigation results will also be prepared and made available for public review in the NTC, Orlando Information Repository, Orange County Public Library (second floor), 101 East Central Boulevard, Orlando. The public will notified of the report through local media or fact sheets like this.



For More Information

For further information on the Installation Restoration environmental program at NTC, Orlando, please call:

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