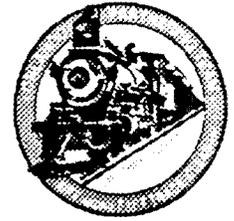


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FACT SHEET UPDATE ON INTERIM CLEANUP AT FORMER BASE LAUNDRY AREA C NTC  
ORLANDO FL  
3/1/1998  
NAVFAC SOUTHERN



# Progress Report: Interim Cleanup at the Former Base Laundry Facility



Naval Training Center  
Orlando, Florida

**March**

*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.*

**1998**

## Introduction

This is the third fact sheet in a series to keep the community informed and involved in the fast-track cleanup (known as an Interim Remedial Action, or IRA) at the Former Base Laundry Site (Figure 1). The first two fact sheets, dated January 1996 and July 1997, are available in the Naval Training Center (NTC), Orlando information repository (see reverse side for details).

## Site History

Preliminary investigation findings indicated that an interim cleanup at the laundry site was prudent. Focused studies to plan the IRA were then conducted. The findings of those studies showed the following:

- chlorinated organic chemicals (likely by-products of dry-cleaning solvents formerly used at the laundry) were present in groundwater between the laundry building and nearby Lake Druid,
- groundwater flows into the lake along the eastern shoreline, and
- PCE (a dry-cleaning solvent) and its breakdown products were detected in Lake Druid surface water and sediments along the eastern shore.

As a result, an interim goal to minimize contaminated groundwater discharge into the lake was established, with an additional study needed to more clearly identify the contaminant source(s). Several potential cleanup options were evaluated, and both a public meeting and comment period on those options were held.

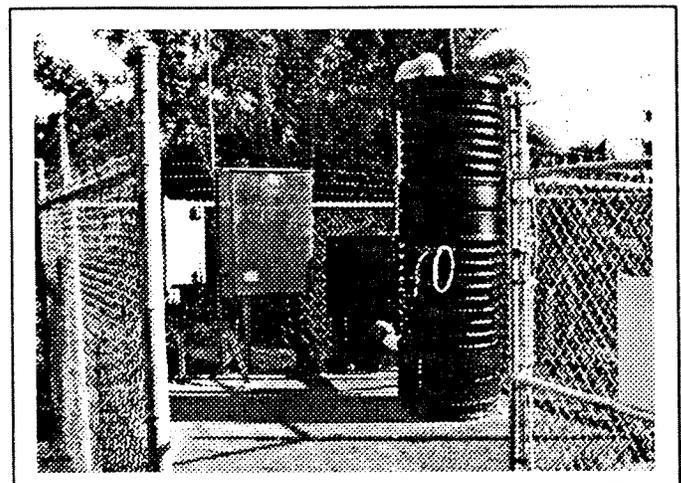
A process known as in-well stripping (Figure 2) was ultimately selected for interim cleanup of groundwater contamination at the site. This process circulates the contaminated groundwater within wells installed between the laundry and Lake Druid. This process allows waterborne contaminants to vaporize. The vapors are

then vented to the surface and released into the air at levels that meet applicable emission standards. An availability session was held in November 1997 to inform the community of this response action.

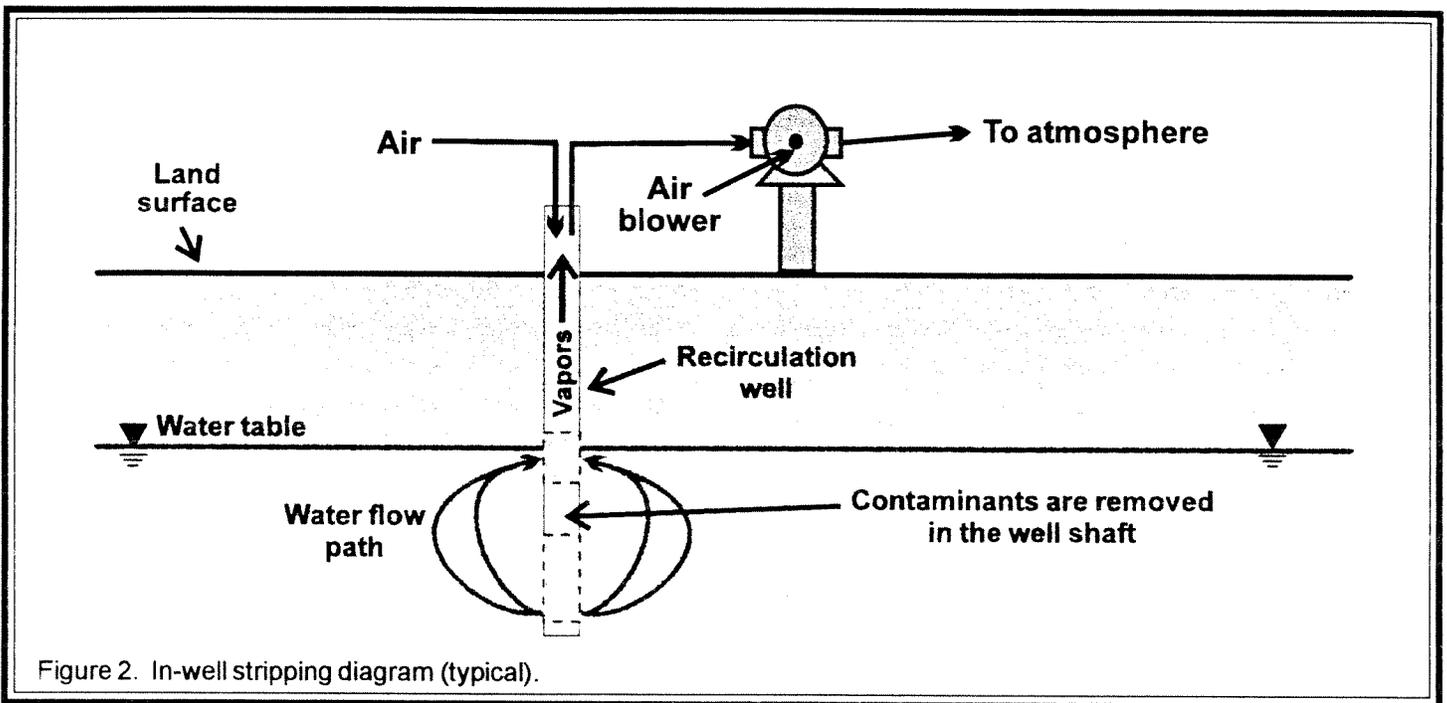
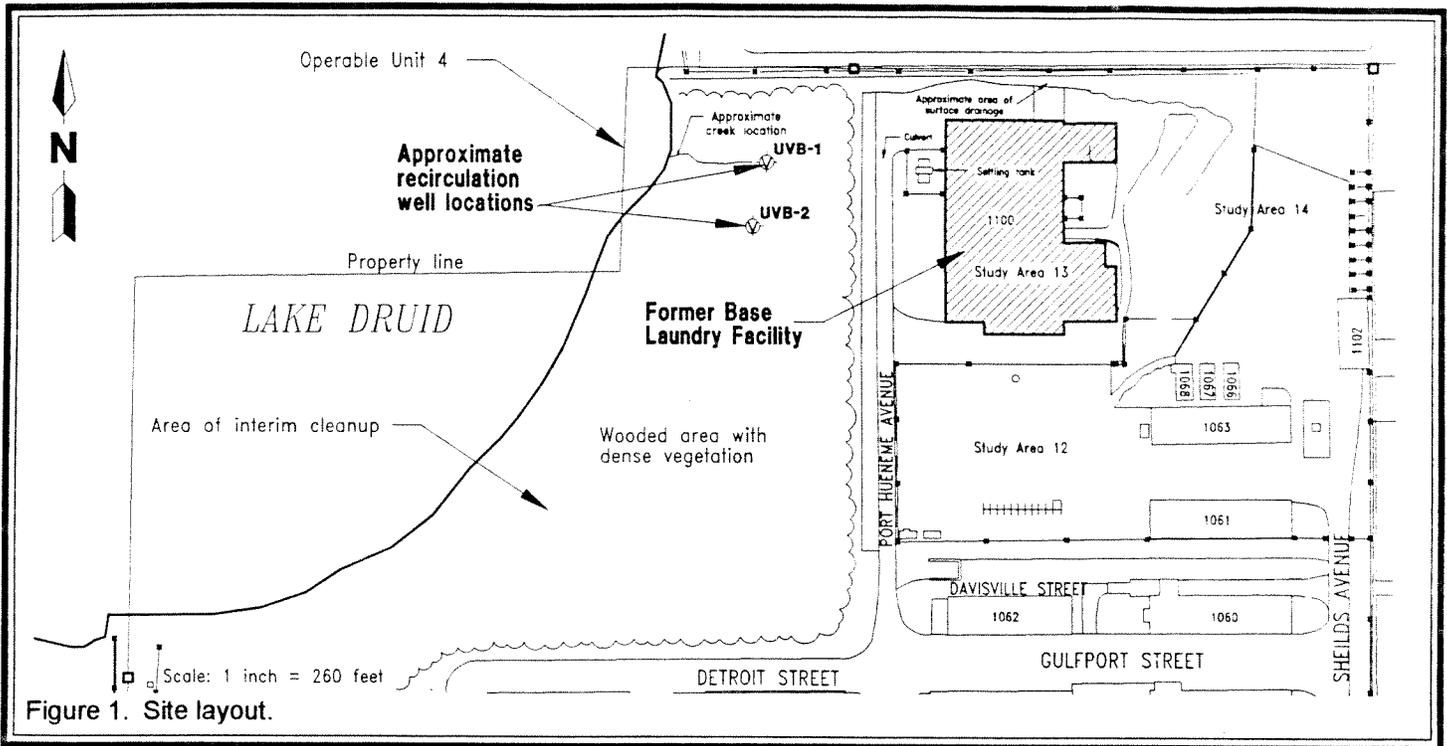
## Current Status/Next Steps

Two recirculation wells have been installed at the site. The wells are currently in the startup phase and performance monitoring is ongoing. Sampling is also underway to confirm that the recirculation wells are decreasing contaminant levels in the groundwater as expected. After the sampling results have been evaluated, adjustments to maximize the treatment system's performance may be needed.

Meanwhile, a detailed study to assess environmental conditions across the site (known as a remedial investigation) is nearing completion. Two pilot tests to evaluate potential cleanup options for the entire site are also underway. Information from these studies will be used to develop the final response action for the entire site.



In-well stripping system.



### For More Information

For further information on both the cleanup at the NTC, Orlando laundry facility and the basewide Installation Restoration environmental program at NTC, Orlando, please call:

Ensign Bill Davis  
 NTC, Orlando Public Affairs Officer  
 (407) 646-4430



Lt. Gary Whipple  
 NCT, Orlando Public Works Department  
 (407) 646-4735

Documents on the environmental program are available for public review at the Orange County Public Library (2nd floor, aisle 27), 101 East Central Boulevard, Orlando.