



Summary of Environmental Actions at Operable Unit 3 (OU 3)

Former Naval Training Center
Orlando, Florida



This fact sheet was prepared to inform interested citizens about the former Naval Training Center (NTC) Orlando environmental restoration program. Fact sheets are distributed as needed to update the community on clean-up activities. Additional information may be obtained by calling David Barney, Navy BRAC Environmental Coordinator at (617) 753-4656.

The Orlando Naval Training Center was closed under the Base Realignment and Closure (BRAC) program in 1995. The US Navy maintains responsibility for the remediation of contamination resulting from federal use of the property. Operable Unit 3 (OU 3) is the former site of a golf course maintenance area, located on the southeast shore of Lake Baldwin (Figure 1). OU 3 includes Study Areas SA 8, the former greenskeeper's storage area; and SA 9, the former pesticide handling and storage area.

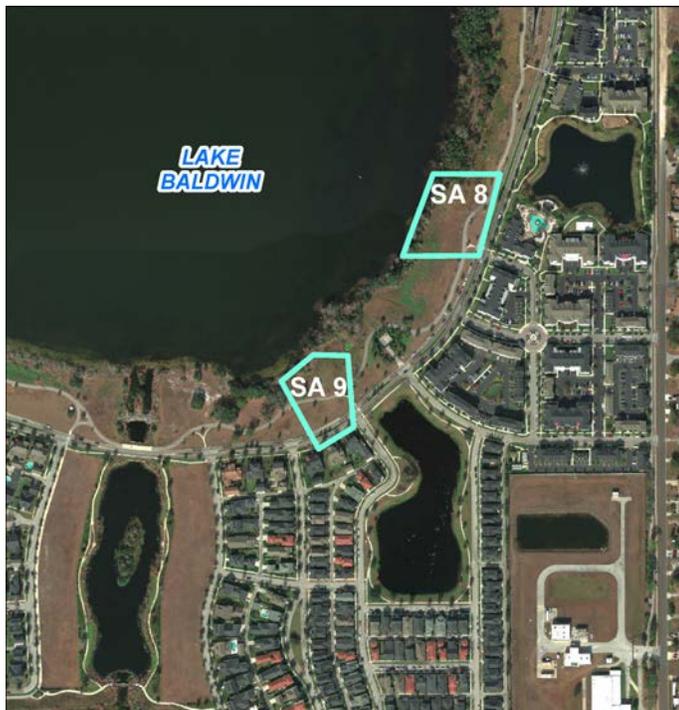


Figure 1. Site Location

The OU 3 property was transferred from the Navy to the City of Orlando in 2005. Deeded land use restrictions include restrictions on groundwater and residential use.

Site History

Initial site investigations began in 1994. Arsenic, pesticides, and other contaminants were found in both surface soil and groundwater at concentrations exceeding regulatory cleanup levels.

In September 1997, an interim remedial action (IRA) was completed to remove the majority of soil contamination at OU 3. The Navy removed approximately 40 cubic yards of

impacted soil from SA 8 and approximately 2,140 cubic yards of impacted soil from SA 9.

In 2002, the Navy installed two permeable adsorptive barrier (PAB) walls which act like large underground filters to capture groundwater contamination before it reaches Lake Baldwin. A mixture of activated alumina and sand was used to construct the barriers. Although activated alumina has been used in drinking water treatment, this is the first-ever application in a PAB to treat contaminated groundwater in situ.

Routine groundwater monitoring indicates that concentrations of arsenic in shallow groundwater at both SA 8 and SA 9 continue to exceed Cleanup Target Levels (CTLs). A small area of groundwater at SA 9 is also impacted by semi-volatiles and pesticides.

Planned Investigation

An additional investigation is planned at OU 3 (SA 8 and SA 9) to further evaluate current soil and groundwater conditions. This investigation will include soil and groundwater sampling, and is expected to start in December 2015. Samples will be analyzed to determine if the current cleanup method is effective before including it in the Proposed Plan, which will establish the final method. The OU 3 Proposed Plan will be made available for public review and comment.

Cleanup Target Levels

Cleanup Target Levels (CTLs) are chemical values that the Florida Department of Environmental Protection has established for the restoration of contaminated sites to maximum beneficial use while being protective of human health and the environment.

For More Information

If you have questions about the OU 3 site or the environmental restoration program at the former NTC Orlando in general, please contact David Barney at (617) 753-4656 or david.a.barney@navy.mil.

Documents related to the former NTC Orlando environmental restoration program are available at http://www.bracpmo.navy.mil/brac_bases/southeast/former_training_center_orlando/documents.html. Documents can also be viewed at the Orange County Public Library, Orlando Branch (4th floor), 101 East Central Boulevard, Orlando, Florida 32801.