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FACT SHEET REGARDING INTERIM REMEDIAL ACTION AT STUDY AREA 52 FORMER
ENTOMOLOGY LABORATORY NTC ORLANDO FL
11/1/1997
NAVFAC SOUTHERN



Naval Training Center Orlando, Florida

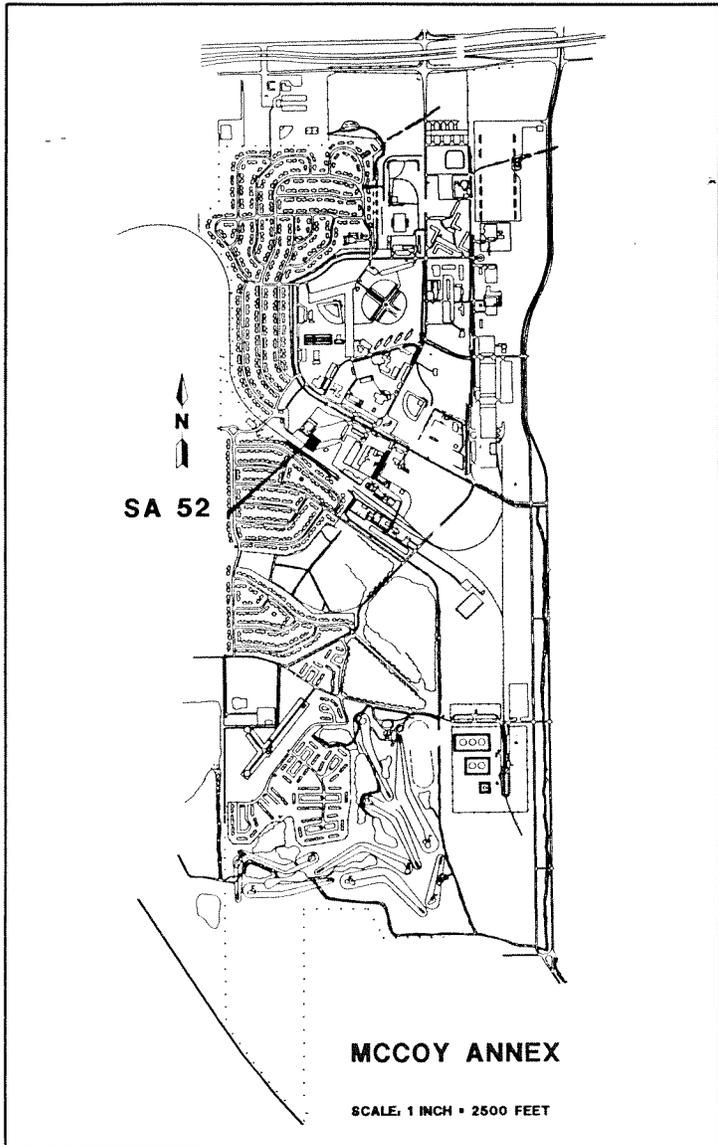
Interim Remedial Action Study Area 52, Former Entomology Laboratory

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 Summary

An Interim Remedial Action (IRA) was completed in September 1997 at Study Area (SA) 52 at NTC, Orlando. An IRA is an early cleanup of a specific portion of a site and is 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.

SA 52 is located in the central part of NTC's McCoy Annex (see Figure 1). The SA was the site of Building 7261, which was built sometime between 1956 and 1962, and torn down in the early 1980s. Records indicate that the building was used for many purposes over this period. At one time, the building was used as an Entomology Laboratory. "Entomology" means the "study of insects," and it is assumed that the building was used for this research, although site records do not provide much detail on specific activities.



Site Investigations

Soil and groundwater samples were collected in and around this building in February 1997. Sampling results showed that pesticide chemicals were present in two soil samples and one groundwater sample. The presence of these pesticides is most likely related to Entomology Laboratory activities.

Based on these results, a followup investigation was planned. The focus of this investigation was to determine the extent, or area, affected by the pesticide chemicals. The investigation showed pesticide chemicals in an area approximately 80 feet wide by 120 feet long.

The Navy also estimated potential risks to people who come in contact with this soil. They found that pesticides present in soil could affect future residents if they were exposed to the soil over a 35-year period. Therefore, the Navy decided to clean up the soil by completing an IRA.

Interim Remedial Action for SA 52

The interim action for Study Area 52 included digging up the contaminated soil and transporting it to an off-base landfill designed to handle this material. Excavation equipment was used to remove the soil (Figure 2 on back page). The soil was then loaded into railroad cars and transported to the landfill (Figure 3 on back page). Over 1,300 tons of soil were removed from the site. After the soil was removed, clean soil was placed into the hole left by the excavation.

Figure 1. Study Area 52 Site Location Map

What's Next?

Now that contaminated soil from SA 52 has been removed, the Navy is focused on studying groundwater at the site. Groundwater samples have been taken, and the lab results are currently being reviewed. These findings and recommendations for future actions at the site will be included in a report that is under development.

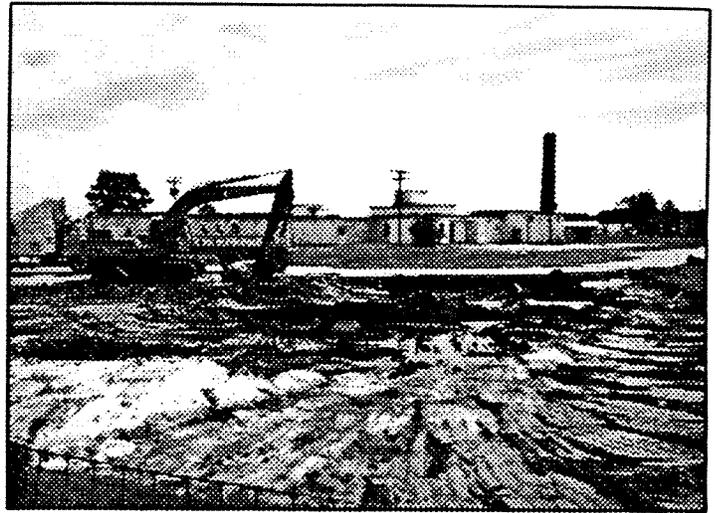


Figure 2. Soil removal at Study Area 52

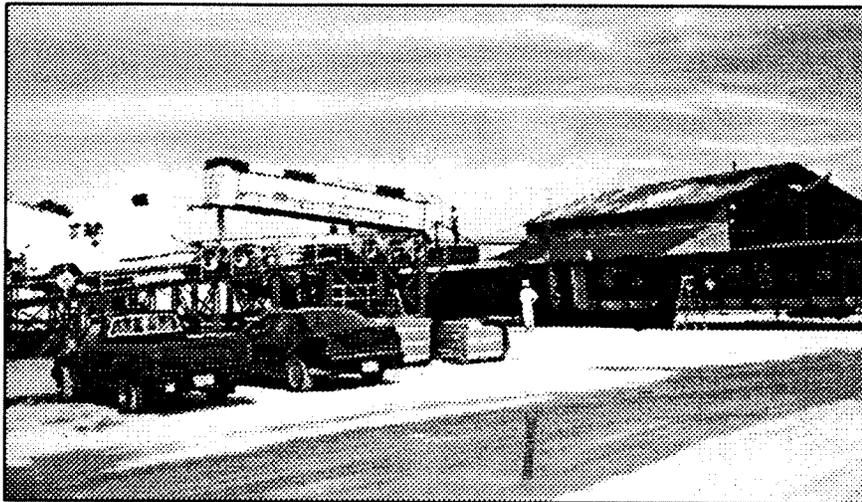


Figure 3. Loading contaminated soil onto railroad cars

For More Information

For further information about this Interim Remedial Action or the NTC, Orlando environmental program in general, please contact:

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NTC, Orlando's Public Affairs Office
(407) 646-4430



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