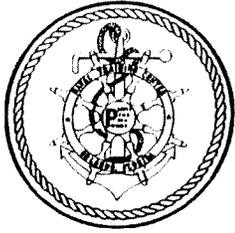


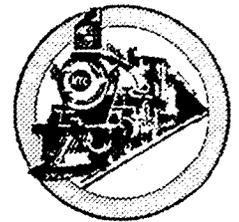
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FACT SHEET REGARDING INTERIM REMEDIAL ACTION AT STUDY AREA 42 NTC  
ORLANDO FL  
11/1/1998  
NAVFAC SOUTHERN



# Naval Training Center Orlando, Florida

## Proposed Interim Remedial Action Study Area 42



*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) 42 is located on the Main Base of NTC, Orlando, south of Iwo Jima Street and west of Leahy Avenue (Figure 1). The site includes Building 2055, which was built in 1943, and used as classrooms and laboratories. Currently, the eastern half of the building is occupied by Morale, Welfare, and Recreation, and used for vending machine maintenance. The western half of the building contains the NTC air conditioning maintenance contractor mechanical shops, administrative offices, and storage rooms. Areas of environmental interest at the site include flammable storage lockers at the northwest and southeast corners of the building, an air conditioner condenser pad on the east end of the building where stained concrete was observed, and the concrete sumps on the north side of the building (Figure 2). Sinks in the laboratories may have been connected to the concrete sumps located on the north side of the buildings.

### Site Investigations

Investigations at SA 42 included

- a site walkover,
- a review of historical documents,
- a review of aerial photographs, and
- soil and groundwater sampling.

Other than the stain on the air conditioner condenser pad, there were no indications of environmental releases or stressed vegetation around the perimeter of Building 2055.

Surface soil samples were collected at or near the following locations:

- the flammables storage locations,
- the stained concrete pad, and
- grassy areas around the site.

Subsurface soil and groundwater samples were taken from near the flammables storage locations and the concrete sumps.

### Findings

Two of the surface soil samples had benzo (a) pyrene in amounts exceeding Florida guidelines for residential land use. The area of the base occupied by SA 42 is intended for a residential re-use scenario. Benzo (a) pyrene is fuel-

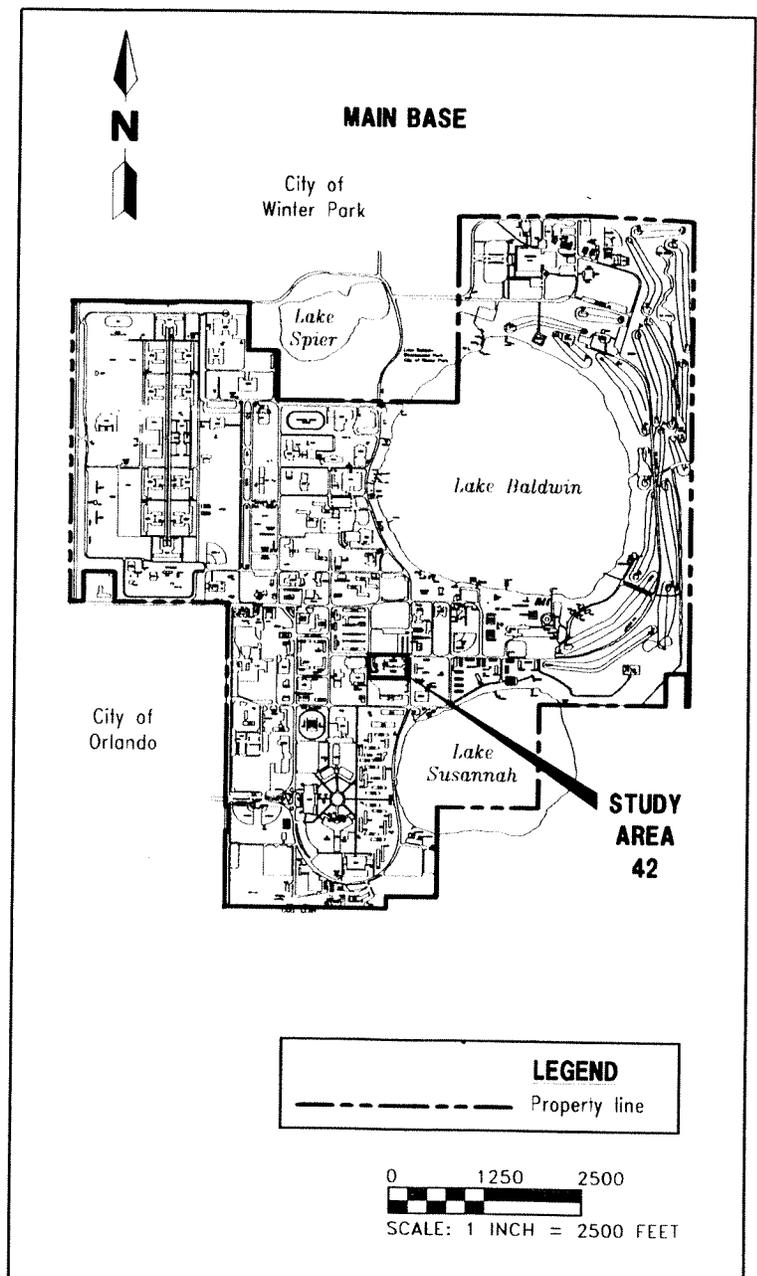


Figure 1. Study Area 42 Site Location Map

related and is often produced by incomplete burning of petroleum products. No contamination was detected in subsurface soil or groundwater.

### 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 42 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?

Surface soil will be removed at the two locations that had benzo(a)pyrene in amounts exceeding Florida guidelines for residential land use. Each excavation will be approximately 10 feet in diameter and 1 foot deep. Samples will be collected from the walls or floor of each excavation to confirm that Florida guidelines for residential land use have been achieved. This approach is consistent with remedial actions at several other SAs that had minor exceedances of Florida guidelines for one or more compounds. Removal of

soils from the indicated areas will allow unrestricted use and will not affect future plans of the City of Orlando.

### 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 42, or on the environmental program at 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 42 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

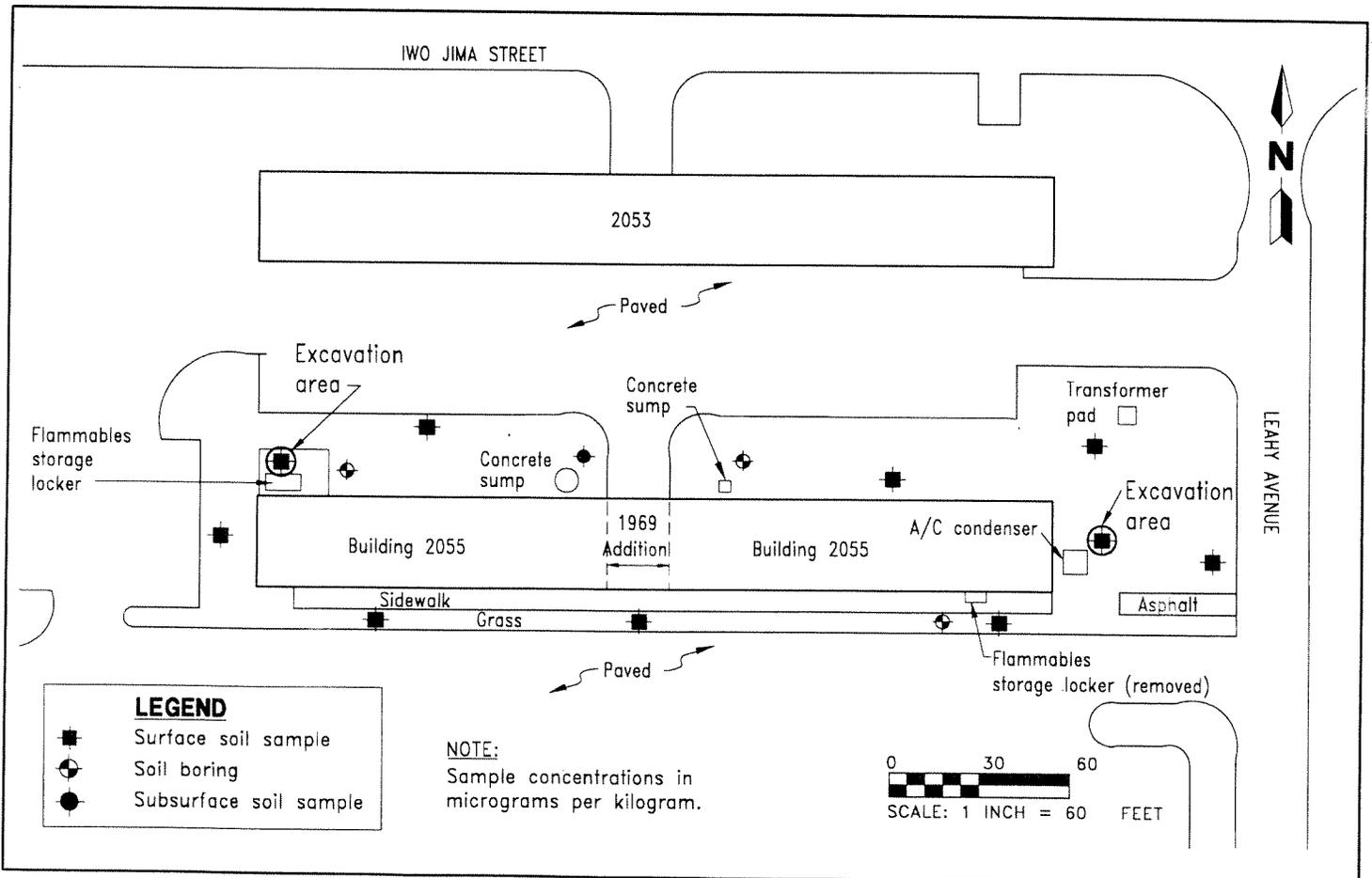


Figure 2. Study Area 42 Site Plan.