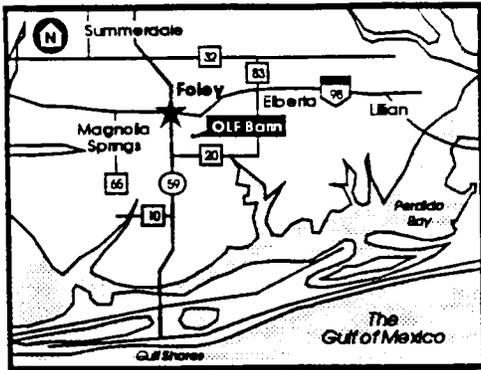


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INSTALLATION RESTORATION FACT SHEET NUMBER 2 FOR OUTLYING LANDING FIELD  
BARIN NAS WHITING FIELD FL  
2/1/1995  
NAVFAC SOUTHERN



# OLF Barin

## Foley, Alabama

Installation Restoration (IR) Program  
Fact Sheet 2  
February 1995

# 2

*This fact sheet is one in a series informing interested citizens about the Installation Restoration (IR) program being conducted at Outlying Landing Field (OLF) Barin in Foley, Alabama. The IR program is an environmental investigation and cleanup of military installations nationwide organized to manage areas of contamination from past spills and waste disposal practices. The purpose of this particular fact sheet is to communicate what events have occurred since the last fact sheet was distributed in December 1992.*

## OLF BARIN AND THE IR PROGRAM

Outlying Landing Field Barin is located 35 miles west of Pensacola, Florida, in Foley, Alabama. It currently serves as a takeoff and landing practice area for Naval Air Station Whiting Field in Milton, Florida. In the past, this facility has been used as a U.S. Navy auxiliary air station and training facility.

At one time, OLF Barin included four large aircraft hangars, an underground refueling system, and 65 structures to support station personnel. A portion of the facility was decommissioned by the Navy in the 1950s, and the majority of the buildings and service systems were dismantled or sold. OLF Barin reopened in 1988. It currently consists of two landing strips and several buildings which are used by a firefighting crew.

To support its mission over the past fifty years, the facility used, stored, and disposed of certain hazardous materials required for their naval operations. These materials included fuels, solvents, petroleum products, oil and lubricants.

The Navy is working with the Alabama Department of Environmental Management (ADEM) and the U.S. Environmental Protection Agency (EPA) to study OLF Barin to see if any of its past spills or waste management practices have affected the environment at or surrounding the facility.

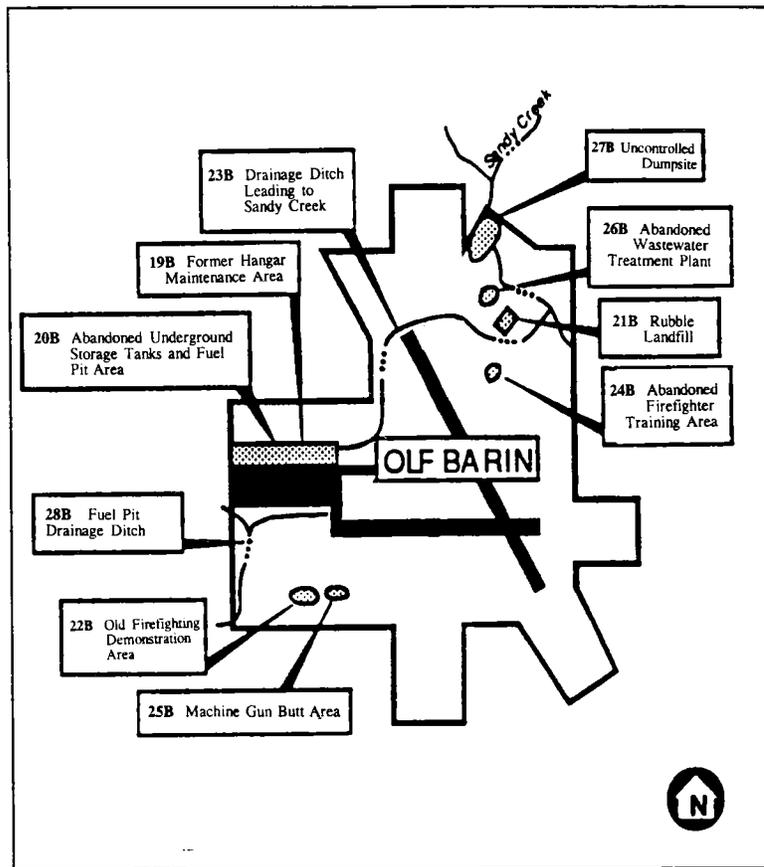
## RECENT ACTIVITIES AT OLF BARIN

A *Preliminary Assessment* (PA) was conducted at OLF Barin in 1989 to identify any sites at the facility that were potentially affected by hazardous materials. This assessment was completed by reviewing records of past facility activities and interviewing people aware of base activities. A *Site Inspection* (SI) followed in 1991. A site inspection is an on-site investigation to determine whether there is a release or potential release and the nature of the associated threats. The Site Inspection identified which sites required an in-depth investigation. These studies recommended that ten sites at OLF Barin be tested further.

A detailed *Remedial Investigation* (RI) at OLF Barin was then conducted to determine the nature and extent of any contamination at the ten sites. During the Summer of 1993, samples of surface water, soils, and underground water were collected and analyzed to obtain information about the environmental conditions at and around OLF Barin.

Results of these studies are documented in five Technical Memoranda which were submitted to ADEM and EPA for review and are available in the Information Repository, located at the Foley Public Library. These reports contain detailed information regarding surface water, sediment, geologic and hydrogeologic, soil and underground water conditions at OLF Barin. The Technical Memoranda also describe future activities at four sites to further investigate the facility.

OLF BARIN Ten Sites Investigated	
19B	Former Hangar Maintenance Area
20B	Abandoned Underground Storage Tanks & Fuel Pit Area
21B	Rubble Landfill
22B	Old Firefighting Demonstration Area
23B	Drainage Ditch Leading to Sandy Creek
24B	Abandoned Firefighting Training Area
25B	Machine Gun Butt Area
26B	Abandoned Wastewater Treatment Plant
27B	Uncontrolled Dumpsite
28B	Fuel Pit Drainage Ditch



Unshaded sites indicate that a Decision Document will be prepared.

### OLF BARIN TECHNICAL MEMORANDA

*Technical Memorandum #1*, the Surface Water and Sediment Assessment (June 1994), found that no significant contamination of surface waters could be attributed to OLF Barin. To confirm these results, additional testing was performed at Site 23B, Sandy Creek.

*Technical Memorandum #2*, the Geologic and Hydrogeologic Assessment (June 1994), was an informational document describing the soil characteristics, rock formations, and direction of underground water flow in the area. This information was essential to evaluate sampling results.

*Technical Memorandum #3*, the Soils Assessment (June 1994), evaluated the nature of contaminants in the soils, and determined how far and how deep they extend. Additional testing was recommended at Site 22B, the Old Firefighting Demonstration Area, and Site 25B, the Machine Gun Butt Area.

*Technical Memorandum #4*, the Groundwater Assessment (June 1994), evaluated the environmental condition of underground water at OLF Barin. Additional sampling was suggested at Site 19B, the Former Hangar Maintenance Area, and Site 20B, the Abandoned Underground Storage Tanks and Fuel Pit Area.

*Technical Memoranda #5*, the Data Summary and Workplan for Additional Investigations (June 1994), summarized the conclusions of the previous Technical Memoranda and proposed actual locations for the additional sampling to be completed.

*A Human Health and Ecological Risk Assessment* was also issued. This report expanded the scope of study to include the possible risk to people or the environment. Sampling efforts already recommended in the Technical Memoranda described above were broadened to accommodate this risk assessment.

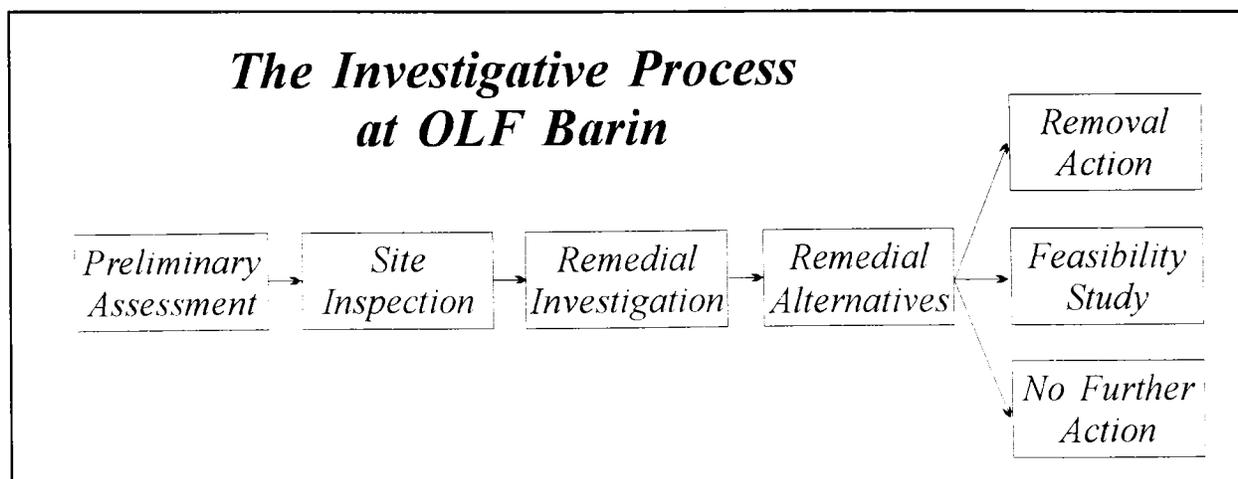
## ADDITIONAL SAMPLING AND RESULTS

Of the ten sights originally identified, four are still being investigated. These are highlighted on the map to the left. To ensure that these sites pose no risk to the health of the community or the environment, additional surface water, soil, and underground water data were collected in August 1994. This data will be used to update all five Technical Memoranda and the Human Health and Ecological Risk Assessment. Results of laboratory analysis have been received for most of the sites under investigation.

Additional samples taken at Sandy Creek (Site 23B) have been reviewed and found to have no increased level of contamination. No further action is anticipated to be necessary.

Underground water and soils samples were taken at the Old Firefighting Demonstration Area and the Machine Gun Butt Area (Sites 22B and 25B respectively). Because this area was used for years as a weapons range, tests were conducted to determine if lead contamination was present at the sites or had affected nearby areas. Sampling indicates that the underground water has not been affected. A final determination on the results of soil sampling is pending.

Underground water and soils samples were also taken at the Former Hangar Maintenance Area and the Abandoned Underground Storage Tanks and Fuel Pit (Sites 19B and 20B respectively). Results of these investigations will be detailed in addenda to the previous Technical Memoranda.



### FOR MORE INFORMATION

Additional information is also available to the public at the Information Repository, located at:

Foley Public Library  
Reference Section  
319 East Laurel Avenue  
Foley, Alabama 36536  
(205) 943-7665

Technical Memoranda are available to the public in the Information Repository. All future addenda to these Memoranda will be included here as well.

Any general questions about the IR Program at OLF Barin or ongoing environmental activities should be addressed to:

Public Affairs Officer  
NAS Whiting Field  
7550 USS Essex Street  
Suite 206  
Milton, Florida 32570-6155  
(904) 623-7651

Public Affairs Officer  
NAS Whiting Field  
Milton FL 32570-6155