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NAS WHITING FIELD  
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FACT SHEET INSTALLATION RESTORATION PROGRAM NAS WHITING FIELD FL  
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## NAVAL AIR STATION WHITING FIELD Milton, Florida

### Installation Restoration (IR) Program Fact Sheet

January 1994  
Revision No. 1



#### ■ Introduction

This fact sheet was developed to inform interested citizens about the Installation Restoration (IR) program being conducted at Naval Air Station (NAS) Whiting Field in Milton, Florida. The IR program is an environmental program of investigation and cleanup being conducted at military installations nationwide to address areas of contamination from past spills and waste disposal practices. Fact sheets will be distributed over time to keep the community informed of the program's progress.

#### ■ Background

The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980 created the environmental trustfund called Superfund and provided the means to investigate and clean up abandoned hazardous wastes sites. In 1986, CERCLA was amended by the Superfund Amendments and

Reauthorization Act (SARA), which added provisions for Federal facilities. The IR program is the Department of Defense program that addresses contamination from past spills and waste disposal practices at their facilities in accordance with CERCLA and SARA.

#### ■ Who's conducting the program?

The Navy is conducting the IR program at NAS Whiting Field. They work through the Southern Division, Naval Facilities Engineering Command in Charleston, South Carolina, to manage the program. The Navy works in cooperation with the U.S. Environmental

Protection Agency (USEPA) and Florida Department of Environmental Protection (FDEP), the Federal and State regulatory agencies, respectively. ABB Environmental Services, Inc., has been contracted to conduct the investigations at NAS Whiting Field.

#### ■ Profile of NAS Whiting Field

The main complex of NAS Whiting Field covers approximately 4,000 acres in Florida's northwest coastal area, 8 miles north of Milton. The station has been a naval aviation training facility since it was commissioned in July 1943. Training today includes both fixed-wing and helicopter flight training. The NAS Whiting Field complex and its network of outlying landing fields comprise one of the Navy's busiest air stations in the world.

The nature of the station's mission requires the use, storage, and disposal of hazardous materials. These materials include paints, solvents, degreasers, waste oil, and leaded fuel. Years ago, little was known about the long-term effects of hazardous materials and their use was not regulated. Through spills, leaks, and conventional disposal practices of the past, these wastes created conditions unacceptable by today's standards.

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■ **Installation  
Restoration (IR)  
Program**

Originally, the Navy's version of the program was the Navy Assessment and Control of Installation Pollutants or NACIP program. Early reports follow the NACIP process and its terminology. Eventually, the Navy adopted the process and language of the IR program.

The IR program is conducted in stages, though some stages may be

combined for efficiency or to reduce cost. Information from each stage provides the basis for the next stage or actions. Each area of the base being addressed by the IR program will go through all stages unless they are found to need no further action. Decisions are made on a case-by-case basis by the Navy and the regulatory agencies. The following chart shows the progression of stages in the IR program.

■ **Stages of the IR  
Program**

Stage	Title	Action
1	Preliminary Assessment (PA)	Record searches and interviews identify areas to be inspected.
2	Site Inspection (SI)	Physical inspection of areas determines those requiring in-depth investigation.
3	Remedial Investigation/ Feasibility Study (RI/FS)	Investigations determine the type and extent of contamination, establish cleanup criteria, and evaluate alternatives for cleanup. Risks to human health and the environment are evaluated.
Public input is solicited on the Proposed Plan of cleanup alternatives. An alternative is then agreed upon by the Navy and regulatory agencies.		
4	Remedial Design (RD)	The engineering design of the selected alternative is completed.
5	Remedial Action (RA)	The selected alternative is implemented.
Monitoring to ensure effectiveness of implemented alternatives.		

Note: At NAS Whiting Field, an Initial Assessment Study (IAS) and Verification Study were performed under the old NACIP program. The IAS corresponds to Stage 1 (PA); the Verification Study corresponds to Stage 2 (SI).

**NAS Whiting Field, IR Program****January, 1994****■ Status of the Program**

At this time, NAS Whiting Field anticipates that it will be proposed for placement on the National Priority List (NPL). The NPL is a vehicle used by the USEPA to prioritize funding for sites under CERCLA, also referred to as "Superfund." The list is used by USEPA to decide which sites need further investigation and response.

In advance of this proposed listing, the Navy has conducted previous environmental studies under the NACIP and IR programs.

As of this writing, 23 sites are being addressed by the IR program at NAS Whiting Field. Remedial investigation activities have begun for most of them. Five of the 23 are new sites that were recently added to the program. The following chart and map offer a descrip-

tion of the sites currently being addressed by the program.

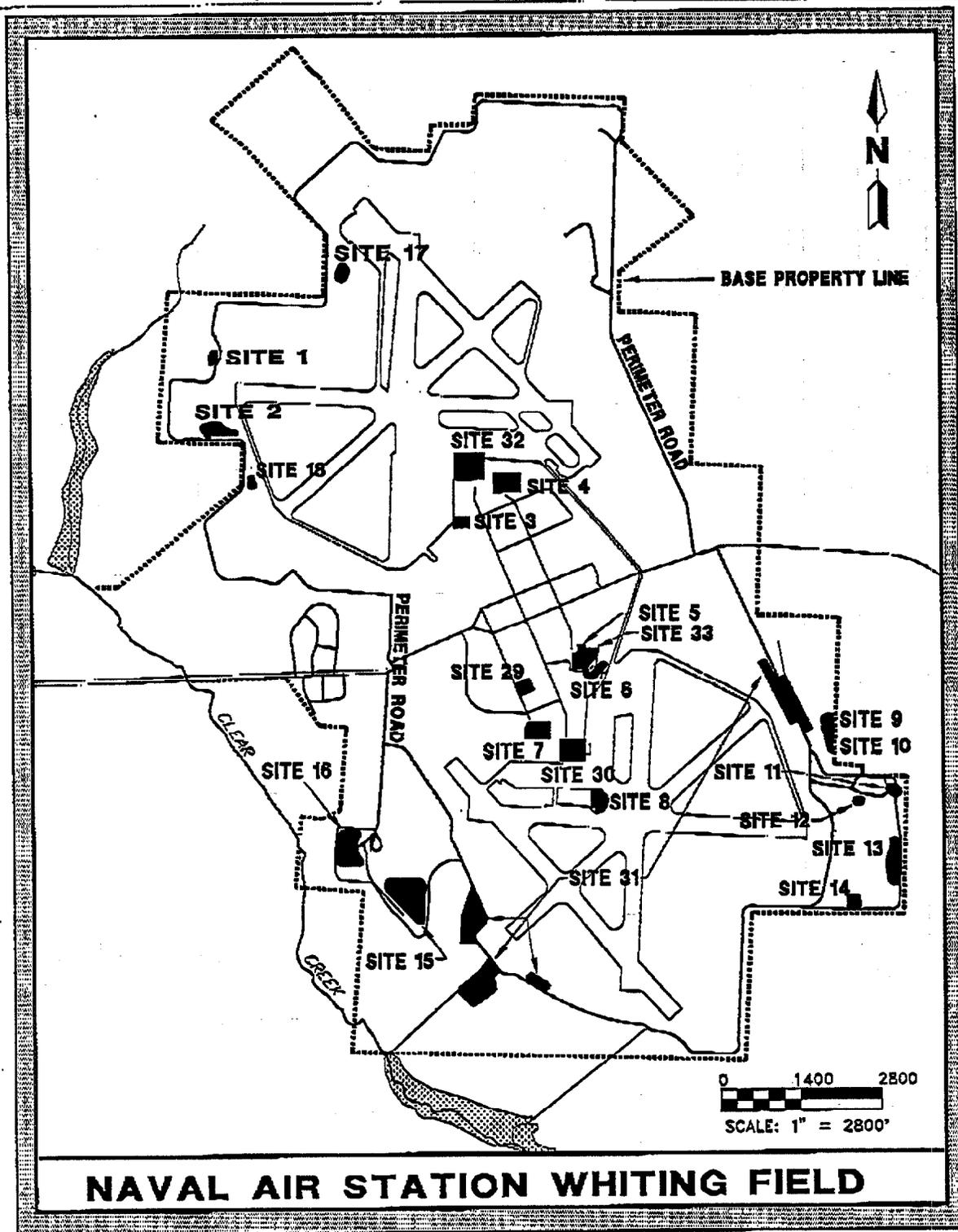
The next stage of the IR program at NAS Whiting Field will be the evaluation of different methods to clean up any environmental problems that have been identified and evaluated in previous ongoing investigations. Because NAS Whiting Field will be an NPL site, the community will be involved in helping make environmental cleanup decisions. Avenues for public involvement will include participating in public meetings as well as commenting on proposed plans for cleanup of specific sites.

For further information on the IR program or the proposed NPL status of NAS Whiting Field, please contact the Public Affairs Officer at NAS Whiting Field, Milton, Florida 32570-5000, telephone (904) 623-7651.

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■ *Map of Area of Investigation*



## NAS Whiting Field, IR Program

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## ■ Site Description Chart

Site No. <sup>1</sup>	Name	Period of Operation	Types of Material Disposed
1	Northwest Disposal Area (landfill)	1943 - 1965	Refuse, waste paints, thinners, solvents, waste oils, and hydraulic fluids.
2	Northwest Open Disposal Area (landfill)	1976 - 1984	Construction and demolition debris, tires, and furniture.
3	Underground Waste Solvent Storage Area (tank)	1980 - 1984	Waste solvents, paint stripping residue, and 120-gallon spill.
4	North Aviation Gas (AVGAS) Tank Sludge Disposal Area	1943 - 1968	Tank bottom sludge containing tetraethyl lead.
5	Battery Acid Seepage Pit	1964 - 1984	Waste electrolyte solution containing heavy metals and waste battery acid.
6	South Transformer Oil Disposal Area	1940's - 1960's	Polychlorinated biphenyl (PCB)-contaminated dielectric fluid.
7	South AVGAS Tank Sludge Disposal Area (landfill and tanks)	1943 - 1968	Tank bottom sludge containing tetraethyl lead.
8	AVGAS Fuel Disposal Pit	Summer 1972	AVGAS containing tetraethyl lead
9	Waste Fuel Disposal Pit (landfill)	1950's to 1960's	Waste AVGAS containing tetraethyl lead.
10	Southeast Open Disposal Area (A) (landfill)	1965 - 1975	Construction and demolition debris, waste solvents, paint, oils, hydraulic fluid, PCBs, pesticides, and herbicides.
11	Southeast Open Disposal Area (B) (landfill)	1943 - 1970	Construction and demolition debris, waste solvents, paint, oils, hydraulic fluid, and PCBs.
12	Tetraethyl Lead Disposal Area (waste pile)	May 1, 1968	Tank bottom sludge and fuel filters contaminated with tetraethyl lead.
13	Sanitary Landfill	1979 - 1984	Refuse, waste solvents, paint, hydraulic fluids, and asbestos.
14	Short-Term Sanitary Landfill	1978 - 1976	Refuse, waste solvents, oils, paint, and hydraulic fluids.
15	Southwest Landfill	1965 - 1979	Refuse, waste paints, oils, solvents, thinners, asbestos, and hydraulic fluids.
16	Open Disposal and Burning Area	1943 - 1965	Refuse, waste paints, oils, solvents, thinners, PCBs, and hydraulic fluids.
17	Crash Crew Training Area	1951 - Present	JP-4 fuel
18	Crash Crew Training Area	1951 - Present	JP-4 fuel
29	Auto Hobby Shop	Unknown	Auto repair, maintenance, and painting materials.
30	South Field Maintenance Hangar	Unknown	Aircraft maintenance materials
31	Sludge Drying Beds and Disposal Areas	Unknown	Wastewater treatment sludge
32	North Field Maintenance Hangar	Unknown	Aircraft maintenance materials
33	Midfield Maintenance Hangar	Unknown	Aircraft maintenance materials

<sup>1</sup>Site numbers 19 through 28 represent sites located at an outlying landing field and are not included in the RI program at NAS Whiting Field.

**NAS Whiting Field, IR Program****January, 1994****■ Community  
Involvement in the  
IR program**

The community can play an important role in the IR program. A Community Relations Plan (CRP) has been developed, which outlines how the Navy and the regulatory agencies will communicate and promote public participation in the program. The plan was developed by talking with local citizens and contains many of their suggestions. The community will be encouraged to participate in the decision making process for any environmental cleanups. Opportunities for involvement will include participation in public meetings and commenting on proposed plans for cleanup of specific waste disposal sites.

The CRP is a public document found in the Information Repository, a public information file about the IR program. The Administrative Record is also part of the public information file. This file contains documents and correspondence that form the basis for decision making in the program. The Information Repository is located in the:

Milton Public Library  
805 Alabama Street  
Milton, Florida

Telephone: (904) 623-5565

Hours: Tuesday through Thursday,  
10:00 a.m. to 8:00 p.m.  
Friday and Saturday  
10:00 a.m. to 5:00 p.m.

In addition, a Technical Review Committee (TRC) has been established. The TRC is made up of private citizens, military personnel, and regulatory representatives. The committee meets to discuss the IR program and developments in the program over time.

The Public Affairs Officer (PAO) at NAS Whiting Field is the official contact person for the IR program. Questions, comments, and suggestions can be directed to the PAO. The Public Affairs Office also manages the IR program mailing list. Fact sheets like this one will be distributed to everyone on the mailing list. Anyone interested in being on the list or in need of a contact person may call the Public Affairs Office at (904) 623-7651.