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**Department of the Navy  
Public Works Department  
NAS Whiting Field**

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### Department of the Navy Public Works Department NAS Whiting Field

7151 USS Wasp Street  
Milton, Florida 32570-6159

## Next Scheduled Restoration Advisory Board Meeting

**September, 2003**

NAS Whiting Field  
Public Works Building 1418  
7151 USS Wasp Street  
Milton, FL 32570-6159



United States Navy – Naval Air Station Whiting Field

# Whiting Field Progress Report

## Installation Restoration Program

Volume 1, Number 7

December 2002

### Public Works Department

NAS Whiting Field, 7151 USS Wasp Street, Milton, Florida 32570-6159 • Telephone (850) 623-7181 (Ext. 49)

## Annual Restoration Advisory Board Meeting and Tour

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The annual Restoration Advisory Board (RAB) Meeting and Tour was held on November 19, 2002, at NAS Whiting Field. A total of 18 persons attended the meeting including the following seven RAB and community members:

Garnett Breeding  
Greg Isphording  
W. E. and Nellie Parker  
Sam Vickers  
Carl J. Mohrher  
Jim Cason

A tour of Installation Restoration Program Sites 4 and 31 and Underground Storage Tank Site 2894 was conducted by Navy and Contractor support personnel from approximately 4:00 to 5:30 p.m. After the site tour a brief technical program and business meeting was held in the 2<sup>nd</sup> floor conference room of Public Works Building 1418.

Following adjournment of the meeting everyone was invited to the Wings Inn Courtyard for barbecued chicken and hamburgers. A good time was enjoyed by all!



Solar Remediation System Unit at Site 4



RAB Meeting Technical Program



Site Tour at Site 4

This progress report is produced by NAS Whiting Field to keep you informed about the Installation Restoration Program at NAS Whiting Field.

## Installation Restoration Program

The U.S. Navy has initiated an Installation Restoration Program (IRP) nationwide to identify, investigate, and, if necessary, clean up contamination at Navy installations, including NAS Whiting Field. Contamination may have resulted from hazardous materials handling practices or accidental spills. In the majority of cases, the releases occurred before laws were passed regulating hazardous materials handling and disposal or before it was known that these practices posed potential problems.

To date, the Navy has identified 29 sites at NAS Whiting Field where various potentially hazardous materials may have been handled or disposed. IRP sites identified at NAS Whiting Field and their current status are listed in the table on page 3 and their location is shown on the map on page 4.

### Site Activities Update

#### ***Navy UST and IR Programs Strategically Divide Clean-up of Abandoned Aviation Gasoline Pipeline***



Abandoned Aviation Gasoline Pipeline

The April 2001 Contamination Closure Assessment of a two-mile long abandoned aviation gasoline pipeline, identified four separate petroleum contaminated areas, Sections "A", "B", "E", and "F". The NAS Whiting Field Underground Storage Tank (UST) & IR Programs combined efforts to effectively address the contamination at the pipeline.

Normally the entire pipeline clean-up process would be handled under the UST Program. However due to UST funding issues, years could elapse before receiving the necessary clean-up dollars, thus subjecting soil and groundwater to further spread of contamination.

During planning sessions, it was decided it would be more timely, cost effective and practical to move the two areas affecting groundwater contamination to the IR Program. The first area (Section "A") is within the boundaries of IR Site 4 and the second area (Section "B"), consisting of the same type of contamination, is near Site 4. The existing Site 4 remediation system can be expanded, effectively remediating Section "B".

The two additional contaminated pipeline areas will remain under the UST Program. However, they are both adjacent to or near an already assessed UST site. This will allow both of the additional sections to be promptly remediated.

#### ***Site 40 Remedial Investigation and Community Relations Plan Update***

##### ***Site 40, Basewide Groundwater***

The draft RI Report is currently being finalized and is under going technical review. The RI Report documents field investigation activities performed for Site 40, Basewide Groundwater and includes human health and ecological risk assessments. Regulatory review of the draft RI Report is scheduled to be performed in the spring of 2003.

##### ***Community Relations Plan***

The revised Community Relations Plan (CRP) is in its final stages of preparation and is scheduled to be issued in January 2003. The updated CRP reflects current public relations activities performed as part of the IR Program. A copy of the revised CRP will be placed in the Information Repository when it is issued.

## Land Use Controls (LUCs)

LUCs are a type of remedial action where restrictions are used to protect human health by limiting exposure to contaminated media such as soils, surface water or groundwater. LUCs offer a safe, simple, and inexpensive alternative for managing low-risk sites. LUCs can include access control such as warning signs or fences, prohibitive directives to prevent activities such as digging or drilling, or institutional controls such as comprehensive plan notations.



A Memorandum of Agreement (MOA) signed by the Navy, USEPA, and FDEP on November 4, 1999, established the foundation for management of LUCs at NAS Whiting Field.

The MOA requires site-specific implementation plans, routine monitoring, and close coordination with regulatory agencies.

Site inspections are conducted annually to ensure compliance with the LUCs.

Prior to implementation of LUCs at any site, Proposed Plans are submitted to the regulatory agencies to present these controls as the final remedy. After the agencies' comments are incorporated, a public comment period is held to solicit community feedback on the proposed remedial action described in the Proposed Plan. When regulatory and community concerns have been addressed, LUCs are implemented in accordance with the MOA and the individual site plan requirements. LUCs are currently being evaluated as the potential remedy for numerous sites at NAS Whiting Field.

## Facility Update

Naval Air Station Whiting Field (NASWF) has developed a working relationship with the City of Milton and the Florida Defense Alliance (FDA) to secure funding for projects mutually beneficial to the Navy and the surrounding community. The Station secured a FDA grant of \$250,000 to develop a plan for wastewater reuse from the City of Milton. The wastewater will be utilized at or near several environmental restoration sites. These sites were prioritized for restoration to facilitate their use in the wastewater reuse project. The reuse project is of significant importance to the local community, as it will stop wastewater discharge into the Blackwater River.

The ultimate goal of the environmental restoration program at NASWF is to reduce the risk of contamination to human health and the environment. One of the major projects to accomplish this goal was the cleaning and closure of over 10,000 feet of an abandoned avgas pipeline connecting the fuel farms of the two airfields located at the Northern and Southern boundaries of the station. Two of the three contaminated areas along this pipeline have been remediated.

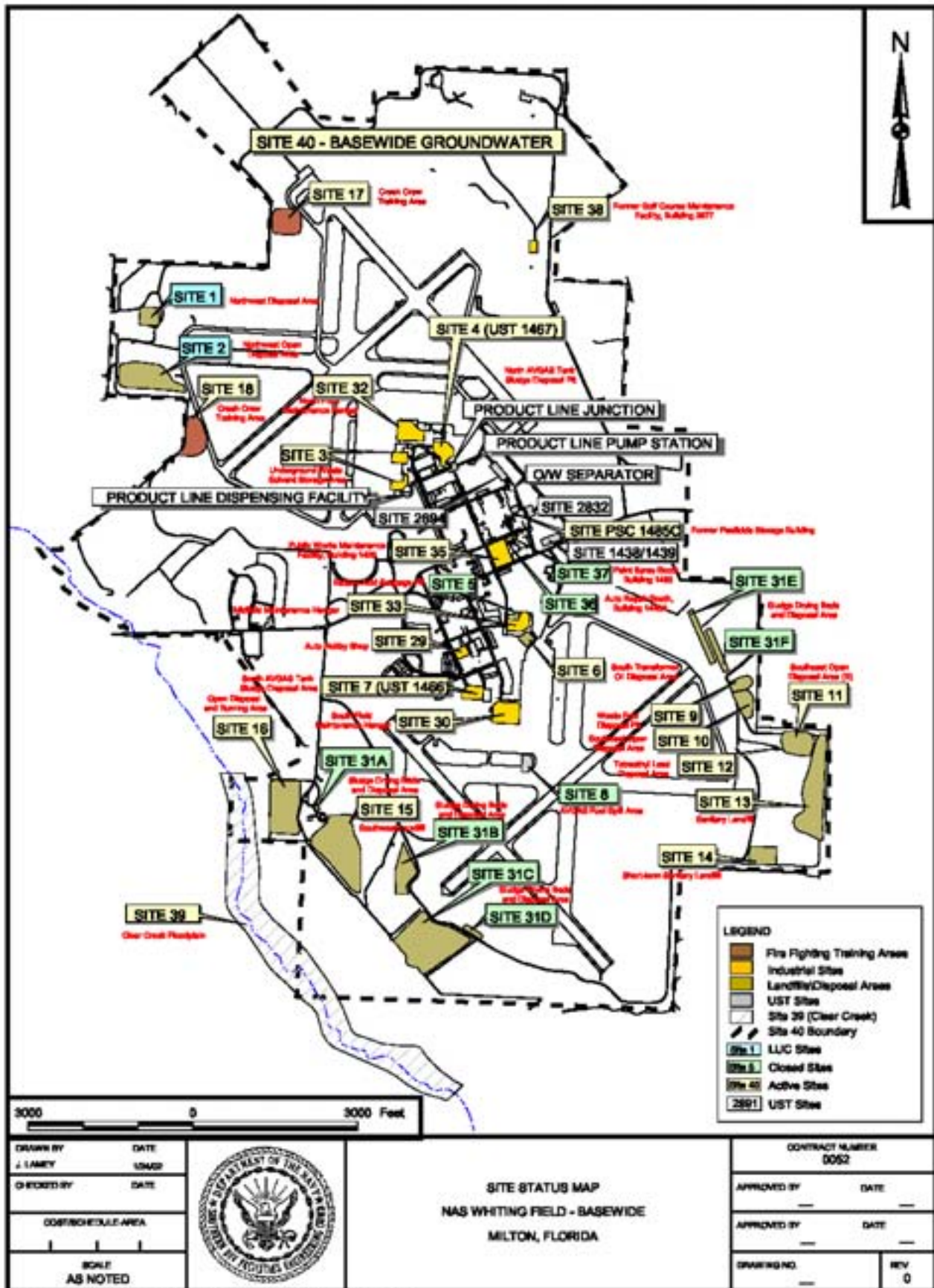
Source removals at Sites 4, 6, 11, 15, 16, 30, 32, 33, and 38 have also eliminated sources for groundwater contamination as well as eliminating exposure pathways to humans and the habitat at the Station.

Naval Air Station Whiting Field is proud of the significant accomplishments in the environmental restoration program. Reducing risk to human health and the environment, working with the local community to help raise environmental protection awareness and give the community a sense of pride in restoring the environment at Whiting Field have been a tremendous success.

**NAS WHITING FIELD  
IRP SITE STATUS**

Site No.	Site Name	Material Disposed of or Released	Status
1	Northwest Disposal Area	Refuse, waste paints, thinners, solvents, waste oils, and hydraulic fluids	Remedy Selected - LUCs
2	Northwest Open Disposal Area	Construction and demolition debris, tires, and furniture	Remedy Selected - LUCs
3	Underground Waste Solvent Storage Area	Waste solvents and paint stripping residue	Pending - LUCs
4	North AVGAS Tank Sludge Disposal Area	Tank bottom sludge containing tetra ethyl lead	Pending - LUCs Soil Venting Pilot Study
5	Battery Acid Seepage Pit	Waste electrolyte solution containing heavy metals and waste battery acid	Site closed - No action
6	South Transformer Oil Disposal Area	PCB-contaminated dielectric fluid	Pending - LUCs
7	South AVGAS Tank Sludge Disposal Area	Tank bottom sludge containing tetra ethyl lead	Under investigation
8	AVGAS Fuel Spill Area	AVGAS containing tetra ethyl lead	Site closed - No Action
9	Waste Fuel Disposal Area	Waste AVGAS containing tetra ethyl lead	Decision pending - Soil Removal Action
10	Southwest Open Disposal Area A	Construction and demolition debris, waste solvents, paints, oils, hydraulic fluid, PCBs, pesticides, and herbicides	Decision pending - Soil removal action
11	Southwest Open Disposal Area B	Construction and demolition debris, waste solvents, paints, oils, hydraulic fluid, and PCBs	Decision pending
12	Tetra ethyl Lead Disposal Area	Tank bottom sludge and fuel filters contaminated with tetra ethyl lead	Decision pending
13	Sanitary Landfill	Refuse, waste solvents, paints, hydraulic fluid, and asbestos	Decision pending
14	Short-Term Sanitary Landfill	Refuse, waste solvents, oils, paint, and hydraulic fluids	Decision pending
15	Southwest Landfill	Refuse, waste paints, oils, solvents, thinners, asbestos, and hydraulic fluids	Decision pending - Soil removal action
16	Open Disposal and Burning Area	Refuse, waste paints, oils, solvents, thinners, PCBs, and hydraulic fluids	Decision pending - Soil removal action
17	Crash Crew Training Area	JP-5 fuel	Decision pending - Soil removal action
18	Crash Crew Training Area	JP-5 fuel	Decision pending - Soil removal action
29	Auto Hobby Shop	Auto repair, maintenance, and painting materials	Under investigation
30	South Field Maintenance Hangar	Aircraft maintenance materials	Pending - LUCs
31	Sludge Drying Beds and Disposal Area	Wastewater treatment sludge	Site closed - No Action
32	North Field Maintenance Hangar	Aircraft maintenance materials	Pending - LUCs
33	Midfield Maintenance Hangar	Aircraft maintenance materials	Pending - LUCs
35	Public Works Maintenance Facility	Fuel, oil, and solvents	Under investigation
36	Auto Repair Booth	Oil, grease, fuel, and solvents	Site closed - No Action
37	Paint Spray Booth	Paint and solvents	Site closed - No Action
38	Former Golf Course Maintenance Building	Solvents, oil, pesticides, and metals	Under investigation
39	Clear Creek Floodplain	Suspected solvents, oil, and fuel	Under investigation
40	Basewide Groundwater	Solvents and fuel	Under investigation

1. Sites 19-28 are in the OLF Barin IRP.
2. There is no Site 34.
3. AVGAS is a common aviation fuel.
4. LUCs = Land Use Controls
5. PCB = Polychlorinated Biphenyl



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