

ENVIRONMENTAL NOTES

FALL/WINTER 1994

VOLUME 1, NUMBER 3

DEAR TENANTS AND NEIGHBORS



Capt. Resavage

When I came to NAS Jacksonville in August 1993, I firmly committed myself to making environmental issues a priority during my watch. As I learned more about the Installation

Restoration Program and the environmental issues aboard the Air Station, I promised myself that we would turn dirt and begin actual cleanup before I signed off duty here.

This newsletter outlines two Interim Remedial Actions that make good on that promise. Cleanup at the Child Street Area (Operable Unit One) will begin in November. Cleanup at the

Wastewater Treatment Plant Area begins soon.

These actions, while not the final cleanup at either area, represent important milestones in our Installation Restoration Program. As we at NAS Jacksonville progress in our cleanup endeavors, I am renewing both the Navy's and my commitment to keep you, the public, informed and an involved restoration partner.

To further assist our efforts and to further increase input and participation, we are forming a Restoration Advisory Board. This Restoration Advisory Board will be an expansion of our present Technical Review Committee. The Restoration Advisory Board will be an important vehicle for direct community input and involvement in

our cleanup program. Through this group, community representatives can talk directly with restoration personnel developing cleanup plans and the regulators who will approve the cleanup actions.

This newsletter will provide you with the highlights of these topics. As always, additional information and resource people to answer your questions are available. As we turn dirt and begin cleanup, I renew my promise to provide you, the public, with the information you need and desire to help our cleanup efforts. Please let us hear from you.

Sincerely,

Roy D. Resavage
Commanding Officer
NAS Jacksonville

COMMUNITY MEMBERS NEEDED FOR BOARD

If you're concerned about the environment, NAS Jacksonville wants your help.

To increase public involvement in the environmental cleanup program at NAS Jacksonville, the existing Technical Review Committee (TRC), the group designated to review environmental cleanup plans and actions, will be expanded so that additional community members who represent the diverse interests of our local community will be included.

This new group, the Restoration Advisory Board (RAB), will have an

opportunity to provide input into the Navy's environmental cleanup programs at NAS Jacksonville early in the process, before cleanup decisions are made.

To do this, the RAB will bring together community members, environmental regulators and Navy officials in an open discussion about the environmental program, investigations and proposed cleanup plans.

You don't have to have special education or environmental experience to participate on the RAB. A community panel will select community members.

Following orientation and training, the volunteer board will meet as needed to review Installation Restoration issues identified by the board.

Applications for membership in the RAB are due by January 6. If you have questions or would like more information or an application for membership in the RAB, please call Fred Milton at the Public Affairs Office, (904) 772-4033.

CLEANUP BEGINS AT TWO AREAS

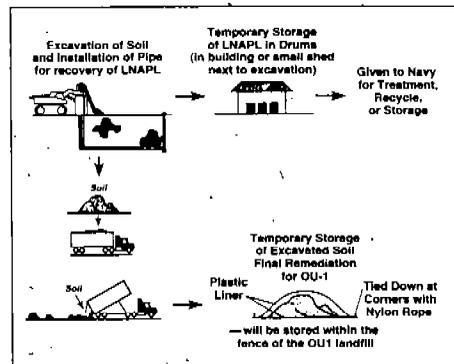
As part of its Installation Restoration Program at NAS Jacksonville, the Navy accelerates cleanup at sites where contamination has been identified as requiring immediate action. Two early cleanup actions—Interim Remedial Actions—are underway at two areas on NAS Jacksonville.

THE CHILD STREET AREA

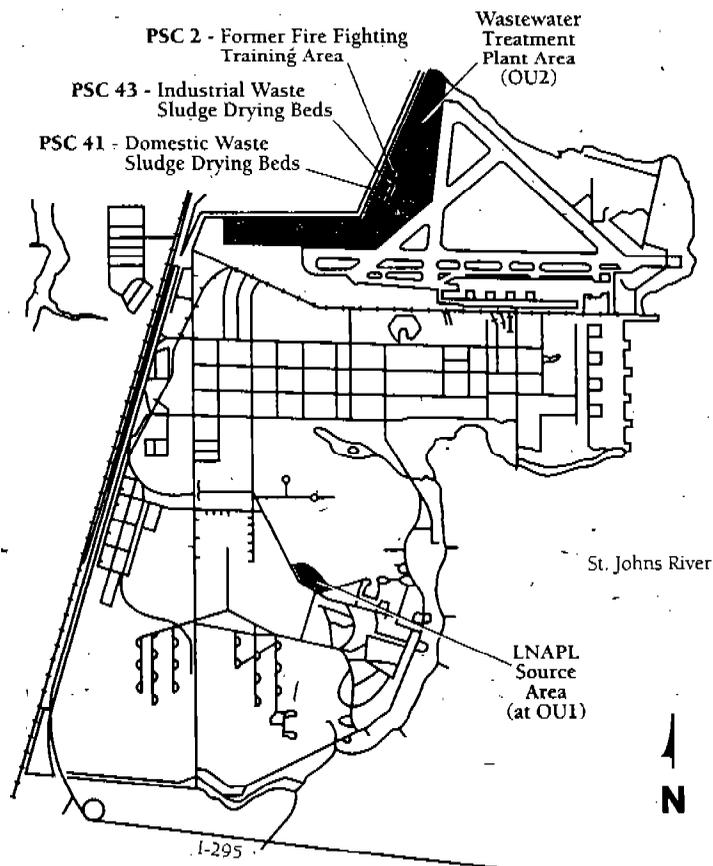
Cleanup begins in November at the Child Street Area. Known in technical documents as Operable Unit One, the area is located on the southern portion of the air station. The base golf course is located to the north and east and Child Street is located to the south and west of the area.

During the course of remedial investigations at the Child Street area, Light Nonaqueous-Phase Liquid (LNAPL) flowed into two of the monitoring wells. LNAPL is a technical name for a fluid containing oil, gasoline or other petroleum products that float on water but does not easily mix with it—such as oil and vinegar in salad dressing.

Up to 8 1/2" of the LNAPL fluid was discovered in the area. The petroleum product contained contaminants that ranged from 100 parts per million



Cleanup at the Child Street Area involves excavation of soil and installation of pipe for pumping out LNAPL.



(ppm) to greater than 10,000 ppm. An example of a parts per million is that for every million gallons of water, there is one gallon of petroleum product.

High concentrations of polychlorinated biphenyls (PCBs) and concentrations of total petroleum hydrocarbons (TPH) ranged from 100 parts per million (ppm) to greater than 10,000 ppm. PCBs are materials that were widely used for insulation in electrical transformers. They were later determined to be hazardous. TPH is not a specific chemical but measures the total concentration of a range of chemicals typically found in petroleum products.

Based on these findings, an Interim Remedial Action—a short-term cleanup to eliminate a source of contamination—was proposed. Three alternatives to clean up the LNAPL were reviewed.

A public comment period was held from June 10 through July 25 to allow members of the community the opportunity to ask questions or make comments about the proposed cleanup alternatives before a final decision was made. There were no comments relating to the selected alternative.

The recommended alternative for the area, Alternative 3 described in the proposed plan, will take 24 months to complete and involves the installation of two recovery trenches on the north side of Child Street and the installation of a single, large diameter recovery sump on the south side of the street. The LNAPL will be collected and transported offsite for disposal at an approved facility.

CLEANUP CONTINUED

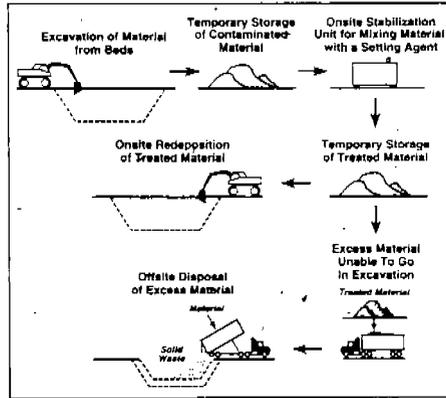
An Interim Record of Decision, reflecting the choice of Alternative 3, was signed on August 11, 1994, and work is now in progress.

THE WASTEWATER TREATMENT PLANT AREA

Three sites, or Potential Sources of Contamination (PSC), located within the Wastewater Treatment Plant Area on the northern portion of the Air Station are also slated for interim cleanup. The three sites are the Former Fire Fighting Training Area (PSC 2), the Domestic Waste Sludge Drying Beds (PSC 41), and the Industrial Waste Sludge Drying Beds (PSC 43).

Soil samples at the Former Fire Fighting Training Area revealed contaminants typical of products used to ignite fires. Since these contaminants were ignited and extinguished as part of the training, they are referred to as weathered petroleum products.

Materials sampled at the Domestic Waste Sludge Drying Beds and the Industrial Waste Sludge Drying Beds revealed metal contaminants related to operation of the sludge drying beds.

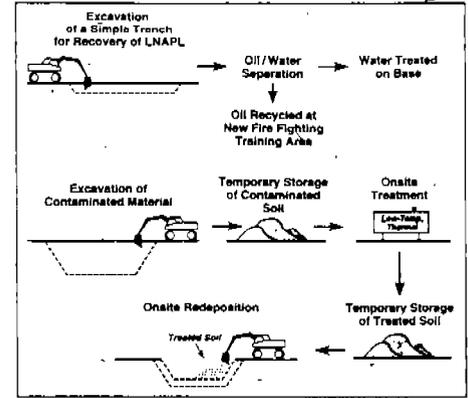


Materials from the Domestic and Industrial Waste Sludge Drying Beds will be stabilized in a cement-like mixture and backfilled into the area.

The cleanup selected for the Former Fire Fighting Training Area includes the collection of the waste oil and disposal at an offsite waste oil disposal facility. Soils in the area will be excavated, thermally treated and disposed onsite.

Cleanup at the Domestic Waste Sludge Drying Beds and the Industrial Waste Sludge Drying Beds will include removing the contaminated material from the beds and encapsulating the material in a concrete-like mixture.

A public comment period for the Wastewater Treatment Plant Area was held from August 10 through September 23. The comments



At the former Fire Fighting Training Area LNAPL will be collected and treated. Contaminated soil will be heat treated and backfilled into the area.

received during this time are summarized in a Responsiveness Summary that will be made part of the public record.

Copies of the proposed plans, including descriptions of the alternatives considered for each site are in the public information repository at the Webb Wesconnett Branch of the Jacksonville Public Libraries.

This is not intended to be the final cleanup in these areas. A full investigation and recommendations are not yet complete. If needed, additional cleanup will be performed concurrently or after the Interim Remedial Actions.

ENVIRONMENTAL PUBLIC AFFAIRS OFFICER JOINS TEAM

Frederick J. Milton has joined the NAS Jacksonville environmental team this summer as the Environmental Public Affairs Officer for the Installation Restoration Program. Fred, who has an extensive background in public affairs, arrived in late July from Augsburg, Germany, where he was the public affairs officer for the military community there.

This is Fred's first assignment with the Navy after over 29 years of service as a civilian employee with the Department of the Army. He will be managing the community relations



Fred Milton, Environmental Public Affairs Officer

activities for the Installation Restoration Program at NAS Jacksonville, including the coordination of public information activities.

Fred has a wife, Erzebet, and a daughter, Natalie, who is now attending Orange Park Junior High School.

"I am looking forward to working with the public on the Navy's Installation Restoration Program here at NAS Jacksonville," said Fred. "I consider myself the Navy's link with the public to provide and obtain information. I take this responsibility seriously."

RADIOLOGICAL SURVEY TO HELP DETERMINE CLEANUP LEVELS

NAS Jacksonville has scheduled surveys of naturally occurring radioactivity levels within a three-mile radius of NAS Jacksonville. These surveys will provide a basis for comparison with radioactivity readings on the installation. Ultimately, they will help in establishing a standard level to determine cleanup levels, methods and procedures.

Five sites within a one-mile radius and five within a three-mile radius were identified. Readings within the one-mile radius will be taken in the vicinity of:

- *Albermarle Avenue and Hancock Street*
- *Corner of Enterprise and Biscayne Streets*
- *Birmingham Avenue and McFarland Street*
- *Corner of Enterprise and Wasp Streets*
- *Intersection of Rapallo Road and Lucern Avenue*

Readings within the three-mile radius will be taken in the vicinity of:

- *Corner of Princess Anne Lane and Carlisle Road*
- *Blanding Boulevard and Goodman Road*
- *Blanding Boulevard and Morse Avenue*
- *Oakside Drive and Coral Sea Road*
- *Corner of Huntington Drive and Batman Lane*

As with all investigations in the Installation Restoration Program, results of the radiological survey will become a part of the public record located at the Webb Wesconnett Branch of the Jacksonville Public Libraries.

WHO TO CALL

For general questions or comments relating to NAS Jacksonville's environmental program, contact Fred Milton, Environmental Public Affairs Officer, NAS Jacksonville--772-4032.

For specific technical questions relating to the project and cleanup operations, contact Diane Lancaster--772-2717.

For information about wells or to make a request that your drinking water well be tested, contact Grazna Powolowicz, Duval Public Health Unit, City of Jacksonville, 630-3272.

An information repository containing documents related to the Installation Restoration activities at NAS Jacksonville is available at the Webb Wesconnett Branch of the Jacksonville Public Libraries. Documents include work plans, summary of applicable laws, remedial investigation and cleanup reports and other site related documents. They are available at:

Webb Wesconnett Branch
Jacksonville Public Libraries
6887 103rd Street
Jacksonville, Florida 32210
(904) 778-7305



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