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FACT SHEET 14 FOR RESULTS OF SECOND ROUND OFF BASE SAMPLING NCBC GULFPORT MS
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NAVAL CONSTRUCTION BATTALION CENTER
Gulfport, Mississippi
Installation Restoration Program

The Installation Restoration (IR) Program is an environmental program conducted nationwide by the Department of Defense to identify and address contamination from past practices which do not meet today's environmental standards. This fact sheet is the fourteenth in a series informing interested citizens about the IR Program at NCBC Gulfport. Fact sheets will be produced at program milestones and in response to other items of public interest. Distribution is coordinated through the Public Affairs Office at NCBC Gulfport, telephone: (601) 871-2393.

FACT SHEET 14: Results of Second Round of Off-Base Sampling

INTRODUCTION

Fact Sheet 5 discussed the Seabee Center's plans to collect a second round of off-base sampling. This fact sheet provides a brief summary of the results of the sampling which was completed in early April 1995.

THE SAMPLING PROGRAM

Sediment samples were collected from drainage ditches leading from the base and surface soil samples were collected along 28th Street outside of the Seabee Center fenceline. Samples were analyzed in a laboratory to determine if dioxin was present.

WHAT WAS FOUND?

There were no surprises in the results of off-base surface soil and sediment sampling. Figure 1 shows the positions of each of the four sampling areas: Outfall No. 1, Outfall No. 3 (three separate sampling areas), Outfall No. 4, and the Turkey Creek Bridge area. In addition, a single sample was taken at a location approximately 2 to 3 miles northeast of the Seabee Center.

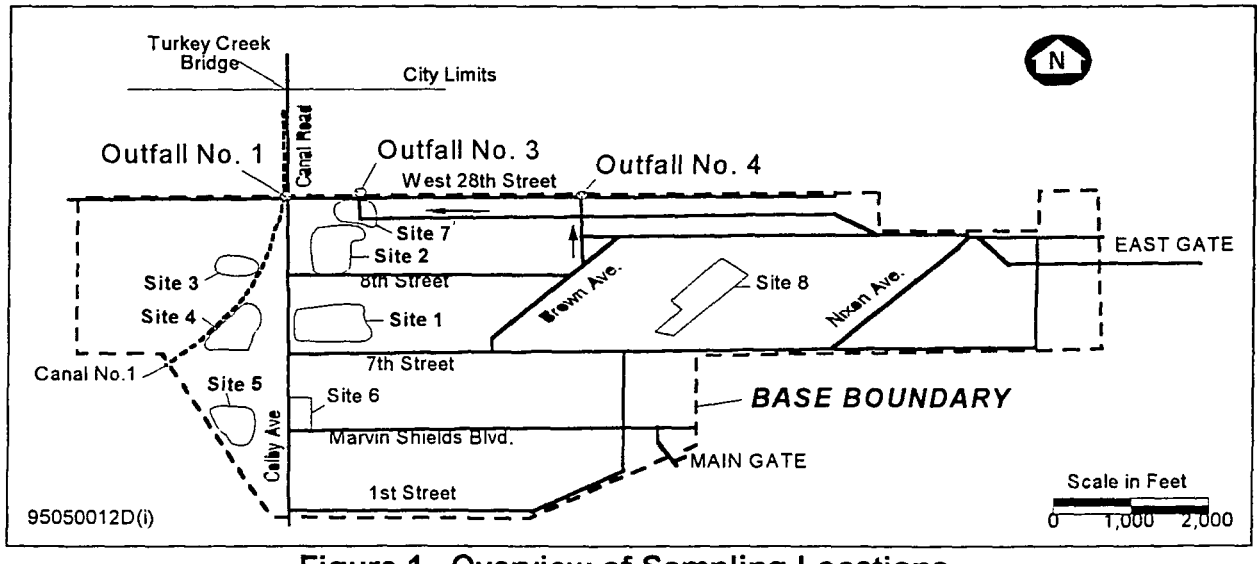

Figure 1. Overview of Sampling Locations

Figures 2 through 7 show the locations and results of laboratory analysis for each sample collected at or near the base boundary. The results are shown in parts per trillion, or ppt. A part per trillion of dioxin is equal to one particle of a dioxin in 1,000,000,000,000 particles of soil or sediment.

Analysis of the single sample collected from a location approximately 2 to 3 miles northeast of the base (not shown on any of the figures provided) found very low concentrations (1.7 ppt) of dioxins.

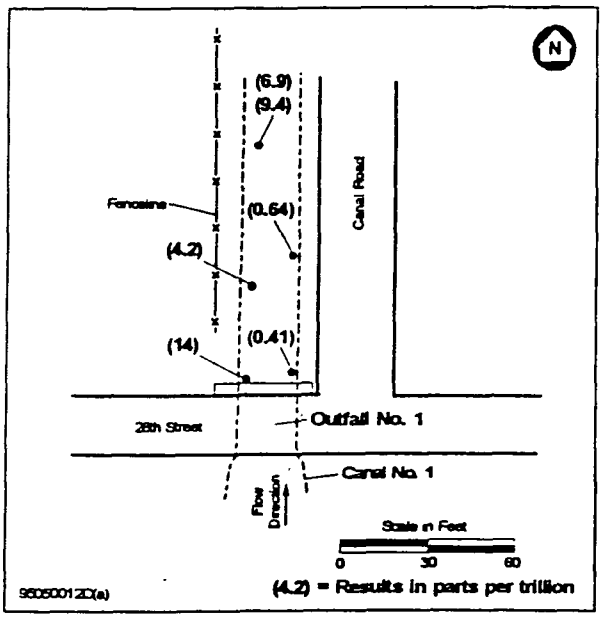

Figure 2. Results of sediment sampling near Outfall No. 1.

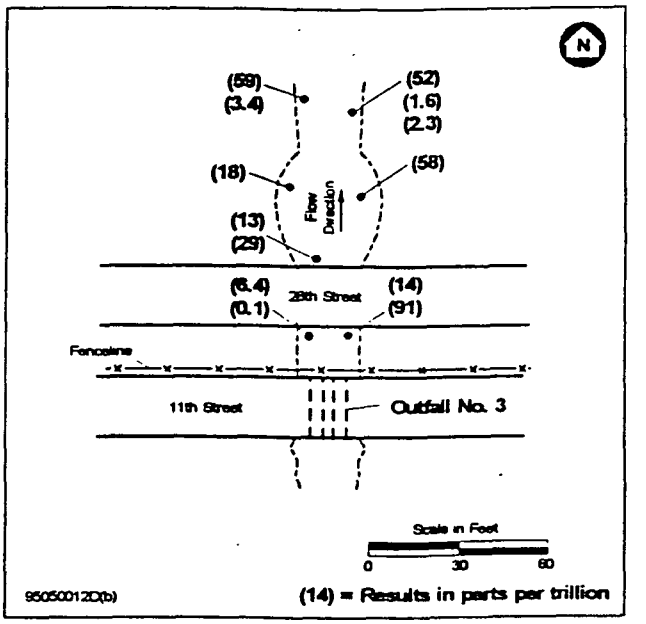

Figure 3. Results of sediment sampling near Outfall No. 3 .

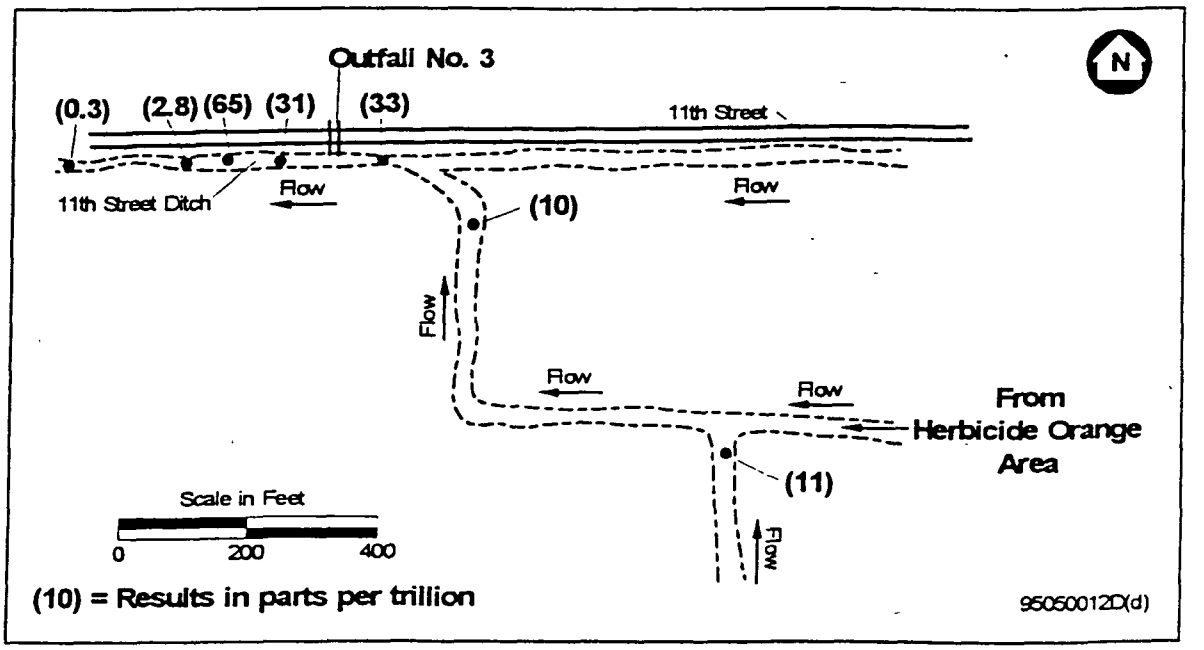

Figure 4. Results of sediment sampling from drainage ditches near Outfall No. 3.

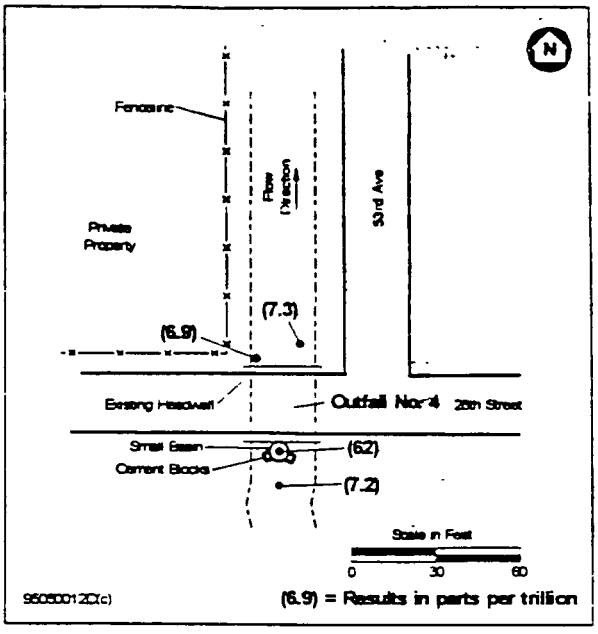

Figure 5. Results of sediment sampling near Outfall No. 4.

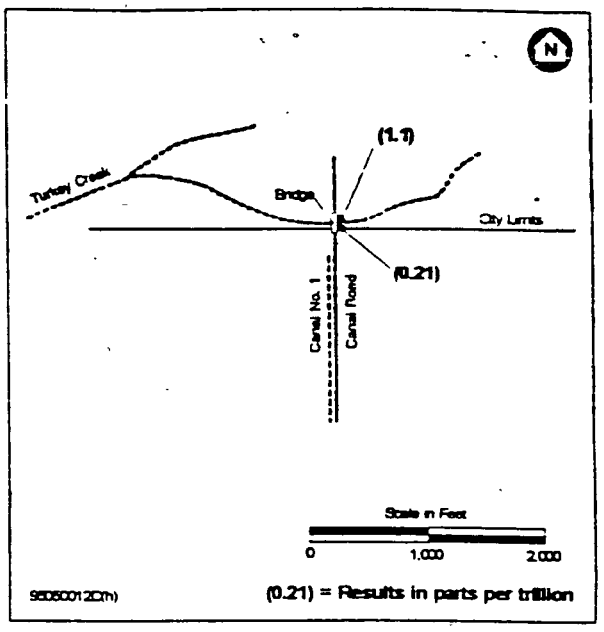

Figure 6. Results of sediment sampling near Turkey Creek Bridge.

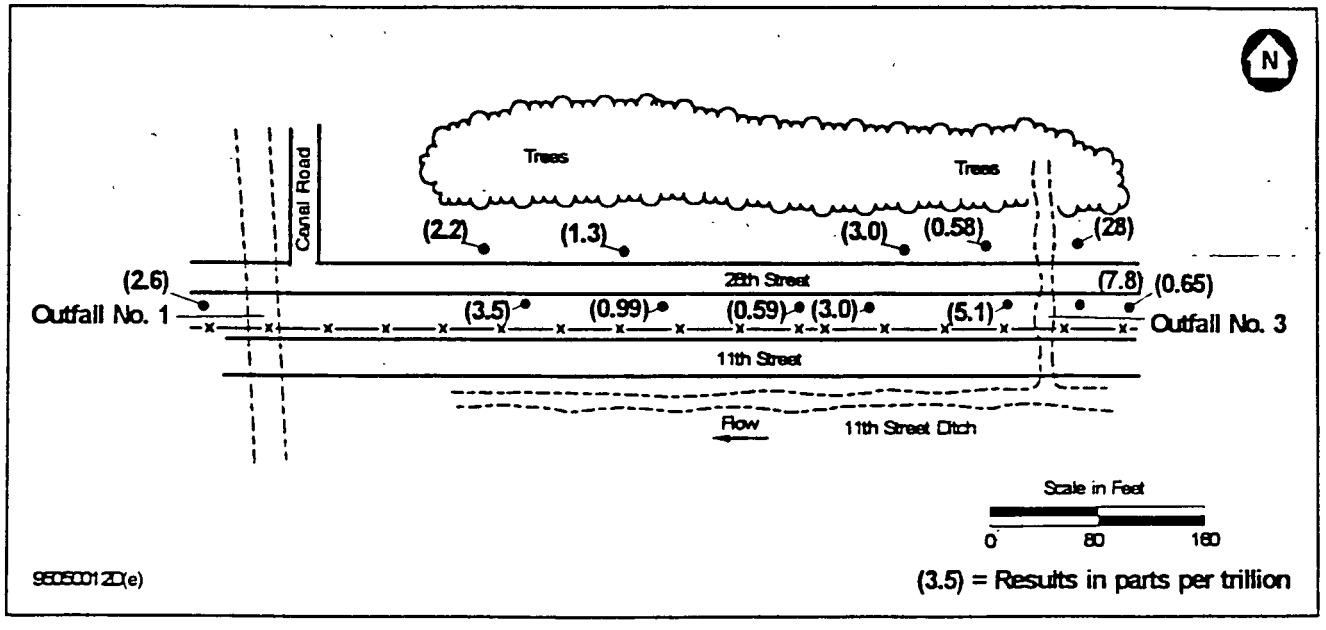

Figure 7. Results of surface soil sampling along 28th Street.

WHAT'S NEXT?

This fact sheet has been prepared as part of the Seabee Center's policy to release environmental data to the community immediately after it is received. The next step by the Navy will be to further review and evaluate the data, and to make recommendations for action. The Seabee Center will submit a report consisting of the sampling results and recommendations for action to the Mississippi Department of Environmental Protection. This report will be made available at the Information Repository located in the Gulfport Harrison County Library.

FOR MORE INFORMATION?

Additional information, including a report of findings, will be placed in the NCBC Gulfport Installation Restoration Program Information Repository, located in the:

Gulfport Harrison County Library
Reference Section
21st Avenue
Gulfport, MS 39501
Telephone: (601) 863-6411

You are also encouraged to call the NCBC Public Affairs Officer at (601) 871-2393 with any questions regarding the environmental program at the Seabee Center.