



DEPARTMENT OF THE NAVY

ENGINEERING FIELD ACTIVITY, NORTHEAST
NAVAL FACILITIES ENGINEERING COMMAND
10 INDUSTRIAL HIGHWAY
MAIL STOP, #82
LESTER, PA 18113-2090

IN REPLY REFER TO

5090
Code 1821/JLC

10 JAN 2002

Mr. Larry Rosenmann
NYS Dept. of Environmental Conservation
Division of Solid & Hazardous Materials
625 Broadway
Albany, New York 12233-7252

Dear Larry:

Subj: Technical Memorandum for Test Pitting Activities at IR Sites 2 -
Fire Training Area and 6A - Fuel Calibration Area; Naval Weapons
Industrial Reserve Plant (NWIRP) Calverton, New York

The Navy is forwarding the subject report for your information. The Navy conducted the work described in the Technical Memorandum at the request of Mr. Jeff McCullough, who was the former NYSDEC project manager for NWIRP Calverton, to determine if a significant free product layer remained on the water table at either Sites 2 or 6A.

Throughout the 1990's, both the Navy and Northrop Grumman Corporation have removed free product from both Sites 2 and 6A using a variety of techniques, the most recent of which included the use of absorbent pillows being installed in a number of monitoring wells.

As summarized in the enclosed Technical Memorandum, several test pits were dug at Sites 2 and 6A. As noted in the report, a very thin free product layer was observed at Site 6A and is suspected to exist at Site 2. Due to the instability of the side walls at Site 2, excavation beyond 12 feet was not possible without having the side walls collapse. Since groundwater in this area is deeper than 12 feet, groundwater was not encountered.

It is the Navy's position that since it is probable that a thin layer of free product remains at the water table, it's overall removal can be made part of any groundwater remedy that is put into place at either site.

In addition, the Navy plans to remove the petroleum-contaminated soils that were observed at shallow depths at Site 2 and will include demolition of the concrete fire training ring and any contaminated soils that may exist below the ring.

If you have any questions, please give me a call at (610) 595-0567, extension 163. Comments regarding this report may be emailed to me at colterj1@efane.navfac.navy.mil.

Sincerely,



JAMES L. COLTER
Remedial Project Manager
By direction of the
Commanding Officer

Enclosures: (1) Draft PRAP for Site 1 - Northeast Pond Disposal Area

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