



DEPARTMENT OF THE NAVY

NORTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
10 INDUSTRIAL HIGHWAY
MAIL STOP, #82
LESTER, PA 19113-2090

IN REPLY REFER TO

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Code 1821/JLC

DEC 20 1996

MEMORANDUM

**FOR THE MEMBERS OF THE TECHNICAL REVIEW COMMITTEE (TRC) FOR THE
INSTALLATION RESTORATION PROGRAM AT NAVAL WEAPONS INDUSTRIAL RESERVE
PLANT (NWIRP) CALVERTON, NEW YORK**

Enclosed is the Navy's Draft Summary Results Report for the Phase 2 Air Sparging/Vapor Extraction Pilot Study that was conducted at NWIRP Calverton, New York. Please review this document, especially the conclusions and recommendations section, and return any comments that you may have back to me by February 7, 1997.

This second-phase study was conducted at the Fire Training Area (IRP Site 2) during a five month period which started in the beginning of May 1996 and ran through September 1996. Operation of this Phase 2 Pilot Study was performed based on recommendations that were the result of an initial air sparging pilot study which was conducted during the summer of 1995.

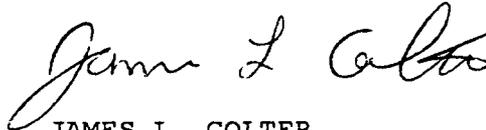
The purpose of the Phase 2 Pilot Study was to continue operation of the air sparging system in order to gather additional information regarding the overall effectiveness of this technology and its potential use for final remediation of this site. Additional information was also required in order to determine if this technology could be used to eliminate the free-product layer that exists at this site, as well as other sites located at NWIRP Calverton.

If you would like to discuss this issue further or if you need additional information, please call either myself at (610) 595-0567, extension 163, or the design manager Mr. Steve Lehman at (610) 595-0590. If you would like to fax any comments, my fax number is (610) 595-0555.

Please note that upon finalization of this Phase 2 Pilot Study Report, only Attachment 1 will be resubmitted. Therefore, you are asked to retain the draft version of Attachment 2 as this will eventually become the final appendices to the Phase 2 Pilot Study Report. If changes to the appendices are required, only those affected pages will be sent to you.

Thank you for your continued interest and participation in NWIRP Calverton's IR program.

Sincerely,



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

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