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LETTER AND COMMENTS FROM NEW YORK DEPARTMENT OF ENVIRONMENTAL
CONSERVATION ON FEASIBILITY STUDY/CORRECTIVE MEASURES STUDY SITE 4 AREA
OF CONCERN 22 (AOC 22) FORMER UNDERGROUND STORAGE TANKS NWIRP
BETHPAGE NY

11/26/2013

NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION

New York State Department of Environmental Conservation
Division of Environmental Remediation
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Joseph Martens
Commissioner

November 26, 2013

Lora Fly-Project Manager
Naval Facilities Engineering Command, Midlant
9742 Maryland Avenue
Norfolk, Virginia 23511-3095

RE: Naval Weapons Industrial Research Plant (NWIRP)-Bethpage,
NYSDEC Site No. 1-30-003B.

Dear Ms. Fly:

The Department of the Navy (Navy) submitted a report entitled "Feasibility Study/Corrective Measures Study, Site 4, Area of Concern (AOC) 22, Former Underground Storage Tanks, Naval Weapons Industrial Reserve Plant (NWIRP), Bethpage New York." These former underground storage tanks are the No. 6 fuel oil spill also known as Area of Concern 22 (Site 4) of operable unit 1 (OU 1). This report was prepared by Tetra tech NUS (TTNUS) on behalf of the Navy. This report has been reviewed by the New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation Bureau A and Bureau of Spill Response.

The Recommendation and Conclusion Section did not include any recommendations. Significant petroleum contamination remains both in soil and groundwater with floating product at the water table and significant staining. This after the bioremediation project only succeeded in removing an estimated 15 percent of the existing product. Based on the review and evaluation of this report and following the technical conference call with NAVFAC and TTNUS, The NYSDEC has determined that Alternative 3, "Steam Injection and Free Product Recovery Development" is the most appropriate remedy. Steam extraction is a reasonably available technology that is known to effectively achieve the desired remedial goals for this project and is cost effective.

It is the NYSDEC understanding that the Navy plans to screen the remedies in this FS and select a remedy in a ROD amendment for OUI. If you have any questions, please contact me at your earliest convenience.

Sincerely,

Steven M. Scharf, P.E.
Project Engineer
Division of Environmental Remediation
Bureau of Remedial Action A

cc: J. Swartwout
S. Scharf
W. Parish, Region 1
N. Acampora, Region 1
D. Brayack, TTNUS
E. Hannon, NGC