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NWS EARLE
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LETTER DISCUSSING REMEDIAL INVESTIGATION AT UNDERGROUND STORAGE SITES
NWS EARLE NJ
8/29/1995
HALLIBURTON NUS



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HNPH/51-8-5-103

August 29, 1995

Project Number 5333

Mr. Robert Macolina
Commonwealth of New Jersey
Department of Environmental Protection
Division of Responsible Parties
CN 026, Trenton, New Jersey, 08625-0028

Copy:
CTO 206
CTO 226

Reference: CLEAN Contract No. N62472-90-D-1298
Contract Task Orders (CTO) 206 and 226

Subject: Remedial Investigation - UST Sites
Naval Weapons Station Earle
Colts Neck, New Jersey

Dear Mr. Marcolina:

The purpose of this letter is to provide an update on the status of the Remedial Investigation (RI) for the UST sites located at the Naval Weapons Station Earle. This letter also documents Halliburton NUS Corporation's (HNUS) understanding of recent discussions with you regarding field investigation methods.

As you recall, the proposed RI activities are documented in two separate work plans; June 1994 - Underground Storage Tank Remedial Investigation Work Plan for Various Sites (Group I) and, "January 1995 - Underground Storage Tank Remedial Investigation Work Plan for Various Sites (Group II)".

WORK COMPLETED

Phase I soil and groundwater samples have been collected and analyzed at all areas of concern (AOC) except the main-side and waterfront area gasoline service stations. Analytical data for approximately 75% of the samples has been received. Data assessment and validation has been initiated. Limited data interpretation has been completed for the purposes of conducting phased field screening at various AOCs.

Unanticipated site conditions have delayed completion of Phase I field activities at all Group I AOCs. Completion of this work is expected by the end of November, 1995. Site conditions have also delayed Phase I field work at AOC 566. The Navy is currently evaluating an interim response action at this AOC.

REVISED FIELD INVESTIGATION APPROACH

HNUS expects to complete the RI within the original intent of the work plans. Based on site conditions that were not known during work plan development, and recent discussions with you, we anticipate the following revisions to the proposed field investigation approach:

- NJDEP accepts direct-push (geoprobe) sample acquisition methods to determine the extent of contamination above NJDEP cleanup criteria, provided that samples are analyzed at an NJDEP approved laboratory, in accordance with N.J.A.C. 7:26E-2.1.



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(This represents a deviation from the work plans which specified soil borings/continuous split spoon samples, and permanent groundwater monitoring well installation and sampling, as a means to confirm the extent of contamination.)

- Soil gas surveys at the service stations and at AOC S106B, will be conducted using EMFLUX soil gas technology. The soil gas survey will be used as a field screening effort to aid in positioning future direct-push soil and groundwater sample locations. The direct push samples will be used to confirm the extent of the contamination.

On behalf of the Navy, and as always, we appreciate your continued support and technical guidance on this project. Please contact me if you have any questions regarding this letter or the RI in general.

Sincerely,

A handwritten signature in cursive script, appearing to read "Richard J. Gorrell".

Richard J. Gorrell
Project Manager

RJG/dhd

- c: Brian Helland (NORTHDIV - NAVFAC)
John Pawlus (NWS Earle)
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