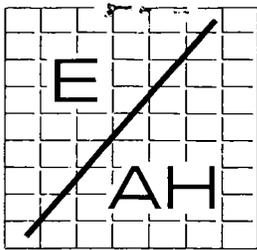


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LETTER REQUESTING APPROVAL OF GEOPROBE SAMPLE POINTS ZONE K CNC
CHARLESTON SC
3/26/1997
ENSAFE/ ALLEN AND HOSHALL



EnSafe / Allen & Hoshall

a joint venture for professional services

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March 26, 1997

Mr. Paul Bergstrand
Bureau of Solid and Hazardous Waste
South Carolina Department of Health and Environmental Control
8901 Farrow Road
Columbia, SC 29203

Re: Request for Approval of Geoprobe Sample Points
Naval Base Charleston, Zone K RFI (CTO-2911)

Dear Mr. Bergstrand:

EnSafe/Allen & Hoshall, (E/A&H) is coordinating a Geoprobe sampling event at Naval Base Charleston (NAVBASE) in Zone K, Naval Annex. This event will be a follow-up event to the Geoprobe sampling event described in my March 12, 1997, request letter to you regarding the 20 additional sample locations designed to provide data associated with the TCE detected during the first two Geoprobe sampling events associated with SWMU 166 (Sewer System, Septic Tank, and Drainfield). E/A&H intends to begin this fourth phase of sampling on March 24, 1997, contingent on your approval.

As discussed with you and other project team members yesterday at the E/A&H Charleston office, the most recent sampling event encompassed a much larger area than the second sampling event and, as with the second sampling event, three samples were collected from each boring location. The initial sample results presented in yesterday's meeting identified a plume of TCE/DCE contamination in groundwater which extends in an easterly direction from the location of a former auto service rack. The downgradient extent of the contaminant plume and other locations along the edge of the suspected plume were not identified by the most recent sampling event. Ten additional onsite locations are proposed to further define the contaminant plume. The attached map identifies the locations. One of the downgradient locations will be continuously soil sampled. If the additional data indicates that the lithology/stratigraphy is different than the other three locations which have been continuously soil sampled, more than one of the ten additional sample locations will be continuously soil sampled to provide lithologic/stratigraphic data.

Mr. Paul Bergstrand
March 26, 1997
Page 2

Sampling will be performed in accordance with Section 6.1.3 included in Revision No. 01 of the *Final Comprehensive Sampling and Analysis Plan*. Samples will be analyzed onsite for TCE and 1,2-DCE. Additional volume will be collected on 20% of the samples and sent to an offsite laboratory for VOC analysis. After sampling, each borehole will be abandoned using either bentonite pellets or a high-solids bentonite grout.

The majority of the additional locations proposed in this letter are along the property boundary of Naval Annex. If these locations prove to be within the groundwater contaminant plume, it is probable that the plume extends beyond the property boundary. If this is the case, additional locations along the right-of-way for Interstate 26 will be sampled. E/A&H will contact you as soon as the analytical sample results are available to discuss the direction and location of further sample collection.

If there are any questions regarding this sampling event, please call me at (615) 399-8800, or Lawson Anderson at (901) 372-7962, or Todd Haverkost at (803) 884-0029.

Sincerely,
EnSafe/Allen & Hoshall



By: Britton Dotson
Site Manager

Attachment

cc: Christine Coker, SCDHEC
M.A. Hunt, SOUTHDIV
Lawson Anderson, E/A&H
Todd Haverkost, E/A&H
Project file (CTO 2911)

Proposed fourth round
 Geoprobe sample locations,
 Zone K, Naval Annex
 NAVBASE Charleston

