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LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND  
ENVIRONMENTAL CONTROL REVIEW OF UNDERGROUND STORAGE TANK (UST)  
ASSESSMENT REPORT DATED 31 MARCH 1997 FOR BUILDING 191 ABOVE GROUND  
STORAGE TANK 191 (AST 191) AND UNDERGROUND STORAGE TANK 191NM (UST  
10/20/1997  
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL



2600 Bull Street  
Columbia, SC 29201-1708

Mr. Gabriel L. Magwood  
Southern Division NFEC  
P.O. Box 190010  
2155 Eagle Drive  
North Charleston, South Carolina 29419-9010

Re: Underground Storage Tank Assessment Report dated March 31, 1997  
Bldg. 191 (AST 191 and UST 191NW) (Site Identification # 00936)  
Charleston Naval Complex/Charleston Naval Base  
Charleston, SC  
Charleston County

Date: October 20, 1997

Dear Mr. Magwood:

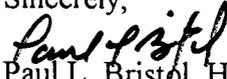
The author has completed technical review of the referenced document. As submitted, the report provides analytical results of environmental sampling conducted to determine if releases have occurred from operation of the referenced vessels and/or associated piping systems. The results presented indicate elevated levels of PAH (polynuclear aromatic hydrocarbons) were detected in soils grab samples obtained from the tank pit excavation. Although samples obtained for the piping run were reported as BDL (below detection limits), the detection limits for these samples were elevated due to matrix interference. As identified in previous correspondence (Bristol to Amey, September 2, 1997), when detection limits are elevated and CoC's (contaminants of concern) are reported as zero (0) or BDL it will be assumed that the chemical constituent is equal to the elevated detection limit. With this consideration, these results exceed levels proposed in the Soil Corrective Action Plan (amended July 30, 1997) for the Charleston Naval Complex and appear to indicate that additional endeavors for remedial actions (soils removal) and contamination characterization are warranted at the referenced site. In this regard, assessment/corrective action activities provided in the Tank Management Plan (dated October 18, 1996) should be implemented in an appropriate and timely manner. The employed activities should be technically sufficient and reasonable to determine the extent and severity (including horizontal and vertical delineation) of suspected contamination. Please be reminded that groundwater sampling (if necessary) will require construction of sampling points and will need to be submitted for prior review and approval, as appropriate.

Charleston Naval Base  
Building 191 (#00936)  
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Concerning the AST, the results presented appear to indicate that no additional endeavors for remedial actions and contaminant characterization are warranted at this time. If in the future contamination is identified which is attributable to this site, additional assessments and/or remedial actions may be required, as appropriate.

Should you have any questions, please contact me at (803) 734-5328.

Sincerely,

  
Paul L. Bristol, Hydrogeologist  
Groundwater Quality Section  
Bureau of Water

cc: Trident District EQC