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LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND  
ENVIRONMENTAL CONTROL REVIEW OF ABOVE GROUND STORAGE TANK (AST)  
ASSESSMENT REPORT DATED 11 JULY 1997 FOR AST 2513A AND 2513B AT BULDING  
2513 CNC CHARLESTON SC  
10/24/1997  
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: Aboveground Storage Tank Assessment Report dated July 11, 1997  
Building 2513 (AST 2513A and 2513B) (Site Identification # 00960)  
Charleston Naval Complex/Charleston Naval Base  
Charleston, SC  
Charleston County

Date: October 24, 1997

Dear Mr. Magwood:

The author has completed technical review of the referenced document. As submitted, the report provides a narrative describing closure activities, site conditions and 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 levels of PAH (polynuclear aromatic hydrocarbons) were detected in soil grab samples obtained from the original piping run excavation (sample SPORT0304-3). Subsequent excavation was conducted with additional clearance sampling performed. These results demonstrated a marked decrease in PAH compounds, however, naphthalene was reported at 493 micrograms per kilogram (ug/kg). Further, analytical results for samples SPORT0304-1, 0304-2 were reported as BDL (below detection limits) with detection limits 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 approach or exceed levels proposed in the SCAP (Soil Corrective Action Plan, amended July 30, 1997) for the Charleston Naval Complex and appear to indicate that additional remedial actions are warranted in the areas of the referenced sample locations. 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.

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Charleston Naval Base  
Building 2513 (#00960)  
October 24, 1997  
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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