

N61165.AR.005585  
CNC CHARLESTON  
5090.3a

LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND  
ENVIRONMENTAL CONTROL REVIEW OF UNDERGROUND STORAGE TANK (UST)  
ASSESSMENT REPORT DATED 11 JULY 1997 FOR BUILDING 654 CNC CHARLESTON SC  
10/27/1997  
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL



PROMOTE PROTECT PROSPER

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 July 11, 1997  
Building 654 (Site Identification # 00963)  
Charleston Naval Complex/Charleston Naval Base  
Charleston, SC  
Charleston County

Date: October 27, 1997

Dear Mr. Magwood:

The author has completed technical review of the referenced document. As submitted, the report provides a narrative describing closure activities and analytical results of environmental sampling conducted to determine if releases have occurred from operation of the referenced vessel and/or associated piping system. The results presented indicate levels of PAH (polynuclear aromatic hydrocarbons) were detected in soil grab samples obtained from the piping run excavation. Although soil sample results for the tank pit excavation were reported as BDL (below detection limits) the detection limits for these samples were elevated due to matrix interference. As noted 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 (Soils Corrective Action Plan, amended July 30, 1997) and appear to indicate that additional endeavors for remedial actions and contaminant 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 654 (#00963)  
October 27, 1997  
page 2

Should you have any questions, please

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

cc: Trident District EQC