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LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND  
ENVIRONMENTAL CONTROL REVIEW OF ENVIRONMENTAL ASSESSMENT REPORT  
DATED 10 SEPTEMBER 1998 AND MONITORING WELL INSTALLATION APPROVAL FOR  
ZONE G AREA 1 CNC CHARLESTON SC  
11/13/1998  
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL



File

13 November 1998

2600 Bull Street  
Columbia, SC 29201-1708

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Douglas E. Bryant

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Department of the Navy  
Southern Division NFEC  
P.O. Box 190010  
North Charleston, SC 29419-9010  
Attention: Mr. Gabriel Magwood

Re: Environmental Assessment Report dated 10 September 1998  
Zone G/Area 1 (Site Identification # 01180)  
Fuel Distribution System  
Charleston Naval Complex/Charleston Naval Base  
Charleston, SC  
Charleston County

Dear Mr. Magwood:

The author has completed technical review of the referenced document. As submitted, the report provides a narrative describing environmental assessment activities and analytical results of soil and groundwater sampling conducted to determine if releases have occurred as a result of operation of the referenced piping system. The results presented indicate elevated levels of VOC (aromatic volatile organic compounds) and PAH (polynuclear aromatic hydrocarbon) compounds were detected in groundwater and soil grab samples obtained at the referenced site. Although the reported concentrations for soil samples are below levels proposed in the SCAP (Soil Corrective Action Plan, amended July 1997), reported concentrations from groundwater samples approach or exceed established MCL's and/or health advisories for Class GB groundwater.

With consideration to the above comments, the results presented by the assessment report appear to indicate that additional endeavors for remedial actions and contaminant characterizations are warranted at the referenced site. In this regard, the author concurs with conclusions and recommendations as presented and the proposed additional assessment activities are approved for implementation. Please find enclosed monitoring well approval # 0298 for the installation of one monitoring well at the subject site.

Please submit a schedule for the above activities to my attention by 2 January 1999.

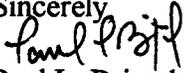
Charleston Naval Complex/Charleston Naval Base

13 November 1998

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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

enc: monitoring well approval # 0298

cc: Trident District EQC



Date of Issue: 13 November 1998  
Approval No: 0298

2600 Bull Street  
Columbia, SC 29201-1708

## Monitoring Well Installation Approval

COMMISSIONER:  
Douglas E. Bryant

Approval is hereby granted to: Charleston Naval Complex/Charleston Naval Base  
(on behalf of): Zone G-Area 1  
Site ID#: 01180  
County: Charleston

BOARD:  
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This approval is for the construction of one (1) monitoring well designated (no designation) in accordance with the construction plans and technical specifications submitted to the Department on 15 September 1998. The monitoring well is to be constructed within the surficial aquifer for the intended purpose of monitoring groundwater quality and/or water level(s) at the referenced facility. Approval is provided with the following conditions:

1. The surveyed elevations, boring and/or geologist logs and actual (as built) construction details for each well be submitted to within thirty (30) days of completion (of last well(s) installed).  
(to be submitted with Assessment Report)
2. Well construction and sampling derived waste including, but not necessarily limited to, drill cuttings, drilling fluids, development and purge water should be managed properly and in compliance with applicable requirements. If containerized, each vessel should be clearly labeled with regard to contents, source, and date of activity.
3. A minimum of forty-eight (48) hours prior to initiation of drilling activities, please provide notice to Trident District EQC Office (843-740-1590).
4. Please provide groundwater quality analytical data (chemical analyses and/or water level(s)) and associated measurements (i.e., field measurements) to Paul L. Bristol within thirty (30) days of receipt from laboratory.  
(to be submitted with Assessment Report)
5. Monitoring wells shall be installed by a well driller certified by the State of South Carolina.
6. Each well shall be labeled with an identification plate constructed of a durable material affixed to the casing or surface pad where it is readily visible. The plate shall provide monitoring well I.D.#, date of construction, static water level, and driller name and state certification number.  
(for permanent wells, only)

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and the Department of Health and Environmental Control Regulations R.61-71.

Approved by:

Paul L. Bristol, P.G.  
Groundwater Quality Section  
Bureau of Water

cc: Trident District EQC