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CNC CHARLESTON
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LETTER REGARDING REQUEST TO INSTALL TWO MONITORING WELLS AT ZONE H
AREA OF CONCERN 659 (AOC 659) CNC CHARLESTON SC
07/12/2002
CH2M HILL

RECEIVED

July 12, 2002

JUL 15 2002

**Water Monitoring, Assessment &
Protection Division**

Mr. Michael Bishop
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, SC 29201

**Subject: Request for the Installation of Groundwater Monitoring Wells at
Zone H; Site 659 (SCDHEC No: 01311)
Charleston Naval Complex, North Charleston, South Carolina**

Mr. Bishop:

On behalf of the U.S. Navy Southern Division Naval Facilities Engineering Command, CH2M-Jones, LLC requests the installation of two additional groundwater monitoring well to evaluate source area at Zone H; Site 659 (01311). The requested monitoring wells will be installed adjacent to monitoring well U59GW001. The proposed monitoring well will be advanced to the top of the clay unit that lies approximately 10 to 13.5 feet below land surface.

Figure 1 presents the locations of the proposed monitoring well. Table 1 presents the required detailed information for monitoring well installation approval.

CH2M-Jones, LLC has scheduled to complete this work the week of 7-15-02. If you have any questions, comments, or require additional information please do not hesitate to contact us.

Sincerely,

CH2M-Jones , LLC



Brian R. Crawford, R.E.M.
Engineer II
(843) 740-2780

Table I:

Well Identification: U69GW003 and U59GW004
Well Diameter: 2"
Method of Drilling: Hollow Stem Auger
Screen Depth: 10-12.5
Screen Length: 5 ft
Screen Mesh/ Slot Size: 0.01
Expected Total depth of Well: 12'
Material of Well Construction: Schedule 40 PVC
Analysis Parameters: VOC/SVOCs
Development: High Flow Pump with Surge Block
Grout: Portland Type II, with 5% Bentonite
Finish Type: Flush Mount
Purpose for well: Delineate Plume of Free Product

NOTE: Original figure created in color

