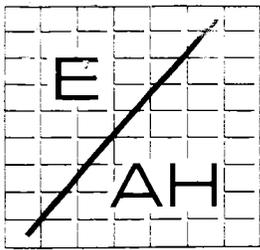


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LETTER REQUESTING MONITORING WELL APPROVAL ZONES C AND H CNC
CHARLESTON SC
7/25/1995
ENSAFE/ ALLEN AND HOSHALL



EnSafe / Allen & Hoshall

a joint venture for professional services

July 25, 1995

**Program
Management
Office**

Shelby Oaks Plaza
5909 Shelby Oaks Dr.
Suite 201
Memphis, TN 38134
Phone (901) 383-9115
Fax (901) 383-1743

**EnSafe/Allen & Hoshall
Branch Offices:**

Charleston
935 Houston Northcutt Blvd.
Suite 113
Mt. Pleasant, SC 29464
Phone (803) 884-0029
Fax (803) 856-0107

Cincinnati
400 TechneCenter Dr.
Suite 301
Milford, OH 45150
Phone (513) 248-8449
Fax (513) 248-8447

Pensacola
2114 Airport Blvd.
Suite 1150
Pensacola, FL 32504
Phone (904) 479-4595
Fax (904) 479-9120

Norfolk
303 Butler Farm Road
Suite 113
Hampton, VA 23666
Phone (804) 766-9556
Fax (804) 766-9558

Raleigh
5540 Centerview Drive
Suite 205
Raleigh, NC 27606
Phone (919) 851-1886
Fax (919) 851-4043

Nashville
311 Plus Park Blvd.
Suite 130
Nashville, TN 37217
Phone (615) 399-8800
Fax (615) 399-7467

Dallas
4545 Fuller Drive
Suite 326
Irving, TX 75038
Phone (214) 791-3222
Fax (214) 791-0405

Mr. Joe B. Bowers
Division of Hydrogeology
Bureau of Solid and Hazardous Waste Management
8901 Farrow Road
Columbia, South Carolina 29203

**Re: Request for Monitoring Well Approval at
NAVBASE Charleston Zone C and Zone H
Charleston, South Carolina CTO-029**

Dear Mr. Bowers:

This letter is to request approval for the installation of one monitoring well each in Zone C and Zone H at Naval Base Charleston (NAVBASE) for the U.S. Geological Survey (USGS). These monitoring wells are to be installed under the guidelines of the *RCRA Facility Investigation Final Comprehensive Sampling and Analysis Plan, Volume II*, and the *South Carolina Well Standards and Regulations*.

However, well construction and completion will be dictated by USGS' requests. Specifically, each well will be drilled into the shallow aquifer and set such that the screened interval straddles the surface of the shallow water table (not to exceed 15 feet in depth). Other technical specifications are as follows:

Well riser: 4-inch, flush threaded, schedule 40 PVC
Well screen: 4-inch, flush threaded, 0.010 slot, schedule 40 PVC (not to exceed 10 feet in length)
Filter pack: FX 50 grade clean silica sand
Seal: bentonite pellets, minimum 2 foot thickness

Each monitoring well will be completed with an aboveground, steel, hinged, locking protective casing within a 4 foot by 4 foot by 6 inch thick concrete pad sloping outwards from the casing.

Each monitoring well will be equipped with a continuous water level indicator for groundwater flow evaluation, and as a result, will not be used to monitor potential groundwater contamination. These wells will be identified using the base-wide grid sampling network that includes Zone specification. The proposed identifications are NBCH-GDH-012 and NBCC-GDC-003 for Zones C and H, respectively. The well locations may be found on the enclosed and enlarged maps for both Zones C and H.

Mr. Joe B. Bowers
July 25, 1995
Page 2

At this time we anticipate field work to begin in early August and last only 1 day.
Should you have any questions, please contact me at (803) 884-0029.

Sincerely,
EnSafe/Allen & Hoshall
A Joint Venture in Professional Services



By: Todd K. Kafka
Geologist

TKK

Enclosures:

CC: *Mr. Ted Campbell, USGS-WRD*
Mr. Tony Hunt, SOUTHDIV (Code 1877)
Mr. Ralph Laney, Charleston Naval Shipyard (Code 106)
Todd Haverkost, EnSafe/Allen & Hoshall
Debra Blagg, E/A&H-PMO
File - CTO 2905

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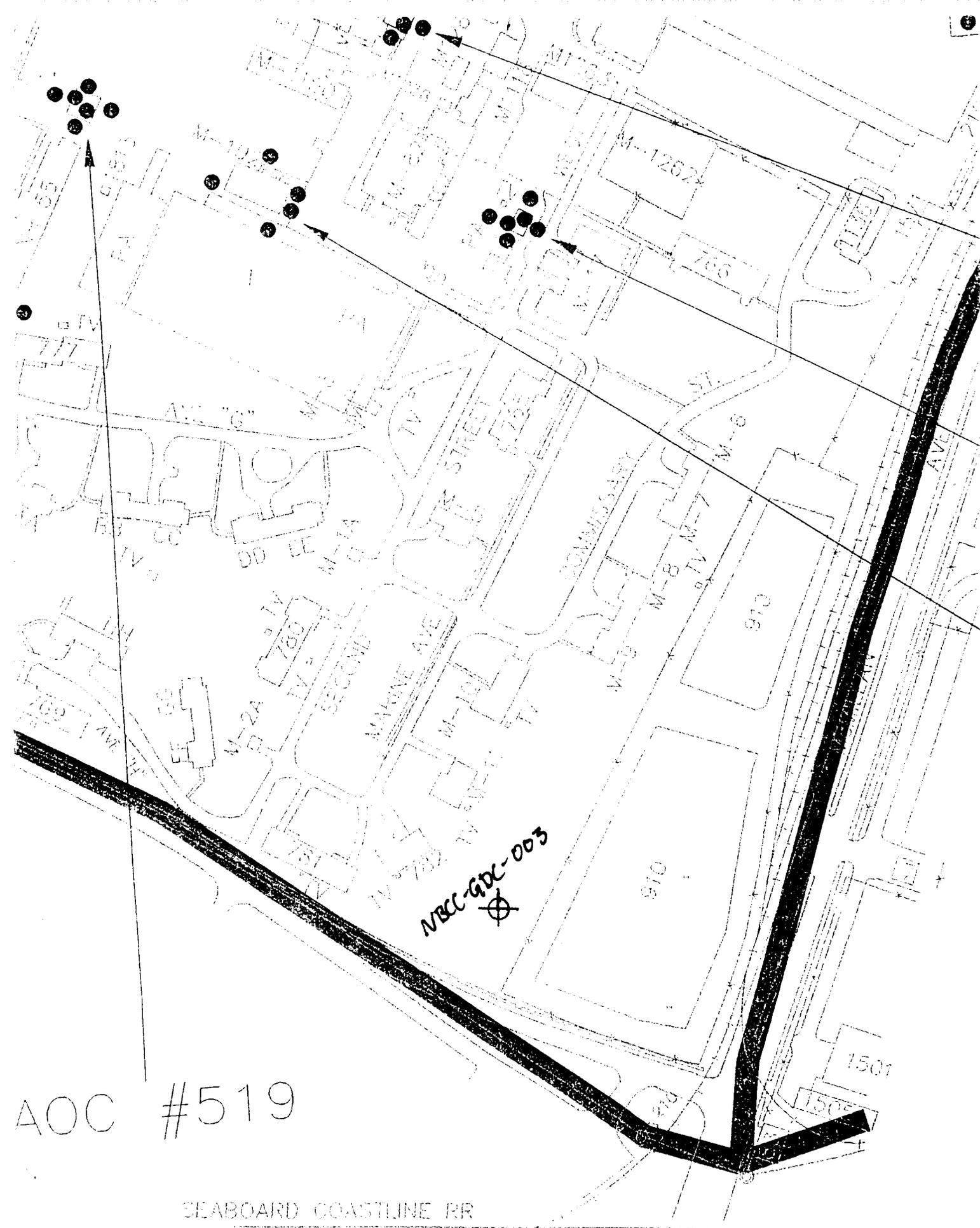
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