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MISCELLANEOUS FILES ZONE H BUILDING NS-71 CNC CHARLESTON SC
11/04/1998
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL



4 November 1998

2600 Bull Street
Columbia, SC 29201-1708

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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: Site Assessment Plan dated 23 September 1998
Building NS 71 (Zone H) (Site Identification # 01166)
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 SAP (site assessment plan) provides for additional investigative endeavors to determine the extent and severity of soil and groundwater contamination, if any, associated with a suspected release at the subject site. It is recognized that the initial tasks (i.e., soil borings, piezometers/temporary monitoring wells, etc.) are generically designed to allow for field modifications/adjustments, as necessary. Based on the foregoing review, the proposal to perform soil borings, piezometer installation (Phase I) and monitoring well installation (Phase II) and appropriate sampling is approved for implementation.

With regard to Section 4 (Field Investigation), the facility may use best professional judgement to install additional temporary monitoring points to define the extent and severity of free phase petroleum product and/or significant dissolved phase contamination if identified during Phase I field activities. Temporary monitoring wells may be converted to permanent wells at the time of installation in the presence of free phase petroleum product, as appropriate.

Please find enclosed monitoring well approval # 0282 for the proposed piezometers, soil borings and monitoring wells. Abandonment of all intrusive sampling points will be in accordance with the technical specifications and descriptions provided and/or referenced in the SAP or as approved by the Department.

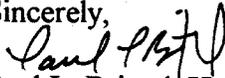
Charleston Naval Complex/Charleston Naval Base

4 November 1998

page 2

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 0282

cc: Trident District EQC



Date of Issue: 4 November 1998
Approval No: 0282

2600 Bull Street
Columbia, SC 29201-1708

Monitoring Well Installation Approval

COMMISSIONER:
Douglas E. Bryant

Approval is hereby granted to: Charelston Naval Complex/Charelston Naval Base
(on behalf of): Building NS 71 (Zone H)
Site ID#: 01166
County: Charleston

BOARD:
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Chairman

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Brian K. Smith

Rodney L. Grandy

This approval is for the construction of eighteen (18) Direct Push Technology (dpt) soil boring/groundwater sampling point(s), three (3) piezometers and six (6) monitoring wells designated (no designation) in accordance with the construction plans and technical specifications submitted to the Department on 30 September 1998. The piezometers and monitoring wells are 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 (803-740-1590).
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

D H E C



PROMOTE PROTECT PROSPER

6 September 2001

2600 Bull Street
Columbia, SC 29201-1708

COMMISSIONER:
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Louisiana W. Wright

Larry R. Chewning, Jr., DMD

DEPARTMENT OF THE NAVY
SOUTHERN DIVISION NAVAL FEC
GABRIEL MAGWOOD
P.O. BOX 190010
N. CHARLESTON SC 29419-9010

Re: AOC 656 (NS 71)
Site Identification # 01166
Correspondence received 23 May 2001
No Further Action
Charleston County

Dear Mr. Magwood:

Records submitted to the Department indicate that AOC 656 and NS 71 are the same site. AOC 656 was transferred from the Bureau of Land and Waste Management to the Bureau of Water in a letter dated 4 September 1996. The letter indicated that petroleum contamination found at AOC 656 was most likely associated with the adjacent tank system (NS 71). NS 71 was issued a No Further Action by the Department 12 August 1999.

Based on the information and analytical data submitted, the Department recognizes that the Department of the Navy has adequately addressed the known environmental contamination identified on the property to date in accordance with the approved scope of work. Consequently, no further investigation is required at this time. Please note, this statement pertains only to the portion of the site addressed in the referenced report and does not apply to other areas of the site and/or any other potential regulatory violations. Furthermore, the Department retains the right to request further investigation if deemed necessary.

The monitoring well(s) may be permanently abandoned by a certified well driller licensed in South Carolina in accordance with the South Carolina Well Standards and Regulations, R.61-71 or properly maintained. Should you choose to abandon the well, please submit a well abandonment record to my attention within 30 days of abandonment. Should you choose to properly maintain the monitoring well, please notify me within 14 days of this correspondence. Should you have any questions, please contact me at 803-898-3553 (office phone), 803-898-3795 (fax) or bishopma@columb32.dhec.state.sc.us.

Sincerely,


Michael Bishop, Hydrogeologist
Groundwater Quality Section
Bureau of Water


Tom Knight, Manager
Groundwater Quality Section
Bureau of Water

cc: Trident District EQC
Paul Bergstrand - SCDHEC BLWM
Brian Crawford, Charleston Naval Complex, 1848 Ave. F, N. Charleston, SC 29405
Technical File



12 August 1999

2600 Bull Street
Columbia, SC 29201-1708

COMMISSIONER:
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Secretary

Mark B. Kent

Cyndi C. Mosteller

Brian K. Smith

Rodney L. Grandy

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

Re: Final Assessment Report dated 6 August 1999
Zone H/Site 1-Building NS-71 (Site Identification # 01166)
Charleston Naval Complex/Charleston Naval Base
Charleston, SC
Charleston County

Dear Mr. Magwood:

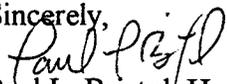
The author has completed technical review of the referenced document. As submitted, the report provides a narrative describing previous assessment activities and analytical results from additional sampling conducted to determine the environmental fate of suspected contamination at the subject property. The analytical results provided indicate that reportable concentrations of BTEX and PAH compounds were detected above established method detection limits in soil samples obtained at the subject site. The reported compounds are at a concentration(s) which is at or below the RBSL (Risk-Based Screening Levels, SCDHEC *Risk-Based Corrective Action for Petroleum Releases*, 5 January 1998) and/or proposed RBC (Risk-Based Concentrations for Residential Soils, EPA Region III Risk-Based Concentrations Table, 1 October 1999). Based on the analytical results presented and description of site specific geology/hydrogeology, potential releases, if any, from previous activities at the subject site do not appear to present a significant threat to human health and/or the environment at the present time. In this regard, the employed assessment activities and sampling results appear to indicate that no additional endeavors for remedial actions and/or contaminant characterization is warranted for the Building NS-71 site at this time.

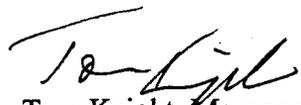
With consideration to the above comments, the Department has reviewed the referenced environmental data. Based on the information and analytical data submitted, the Department recognizes that the Department of the Navy and Charleston Naval Complex has adequately addressed the known environmental contamination identified on the property to date in accordance with the approved scope of work. Please note, this statement pertains only to the portion of the site addressed in the referenced report and does not apply to other areas of the site and/or any other potential regulatory violations. Further, the Department retains the right to request further investigation if deemed necessary.

Charleston Naval Complex/Charleston Naval Base
12 August 1999
page 2

Should you have any questions please contact me at (803) 898-3559.

Sincerely,


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


Tom Knight, Manager
Groundwater Quality Section
Bureau of Water

cc: Trident District EQC



J.A. JONES
ENVIRONMENTAL
SERVICES

01166

Charleston Naval Complex
1849 Avenue F
North Charleston, SC 29405

Phone (843) 740-2780
Fax (843) 740-2785

FAX

To: Michael Bishop From: Brian Crawford
Fax #: 803 298 3795 Total Pages: 5
Phone #: _____ Date: 2/21/01
Re: AOC 656 / NS71

Urgent For Review Please Comment Please Reply

Comments:

FYI: BUILDING NS71 had a AST which supplied
FUEL OIL to BLDG NS71. IF needed I could supply
you WITH DETAILED MAPS showing the site incorporating
AOC 656

brcrawfor@jajms.com



Commissioner: Douglas E. Bryant

Board: John H. Burris, Chairman
William M. Mull, Jr., MD, Vice Chairman
Roger Leake, Jr., Secretary

Richard E. Jabbour, ODE
Cyndi C. Mosteller
Brian K. Smith
Rodney L. Grandy

Promoting Health, Protecting the Environment

CERTIFIED MAIL
Return Receipt Requested

September 4, 1996

LCDR Paul Rose
Officer in Charge, Caretaker Site Office
Naval Facilities Engineering Command, Southern Division
Building NH-45
Charleston Naval Base
Charleston, South Carolina 29408-2020

Acc 656

607, NS 71, 657

SWMU 178

NS 53

RE: Transferring sites from the RCRA Subtitle C
to the RCRA Subtitle I Authority
Charleston Naval Shipyard
SCO 170 022 560

Dear LCDR Rose:

The Department is in receipt of your letter dated July 26, 1996 requesting to transfer SWMU 178 and AOC 656 from the RCRA Subtitle C to the RCRA Subtitle I authority. Information packages of both sites were included for review by the Department.

Based on the review of current available information of SWMU 178 and AOC 656 the Charleston Naval Base has shown that the petroleum contamination present at these two sites are most likely related to releases from tanks adjacent to these sites. Therefore this Section concurs with the CNB recommendation to investigate SWMU 178 and AOC 656 under the Department's Underground Storage Tank Program; further investigation at these sites should be coordinated with Mr. Paul Bristol of the Department's Groundwater Protection Division.

The transfer of SWMU 178 and AOC 656 from the RCRA Subtitle C to the RCRA Subtitle I authority, will require a permit modification by creating a new Appendix entitled *List of Solid Waste Management Units and Areas of Concern which require investigation and will be regulated under the Department's RCRA Subtitle I Authority*. This new Appendix will list SWMU 178 and AOC 656. Additional modifications to the current RCRA/HSWA Permit are outlined in the attached internal memo (dated February 16, 1996) from the Hazardous Waste Permitting Section of this Department. Compliance with RCRA Subtitle I (i.e. GWPD requirements) will negate the need for further investigation of the two above mentioned sites under the Permit.

Should the Charleston Naval Base (CNB) wish to proceed with this Permit modification, then a formal request must be submitted to the Department in writing. If you have any questions concerning this matter please contact me at (803) 896-4179.

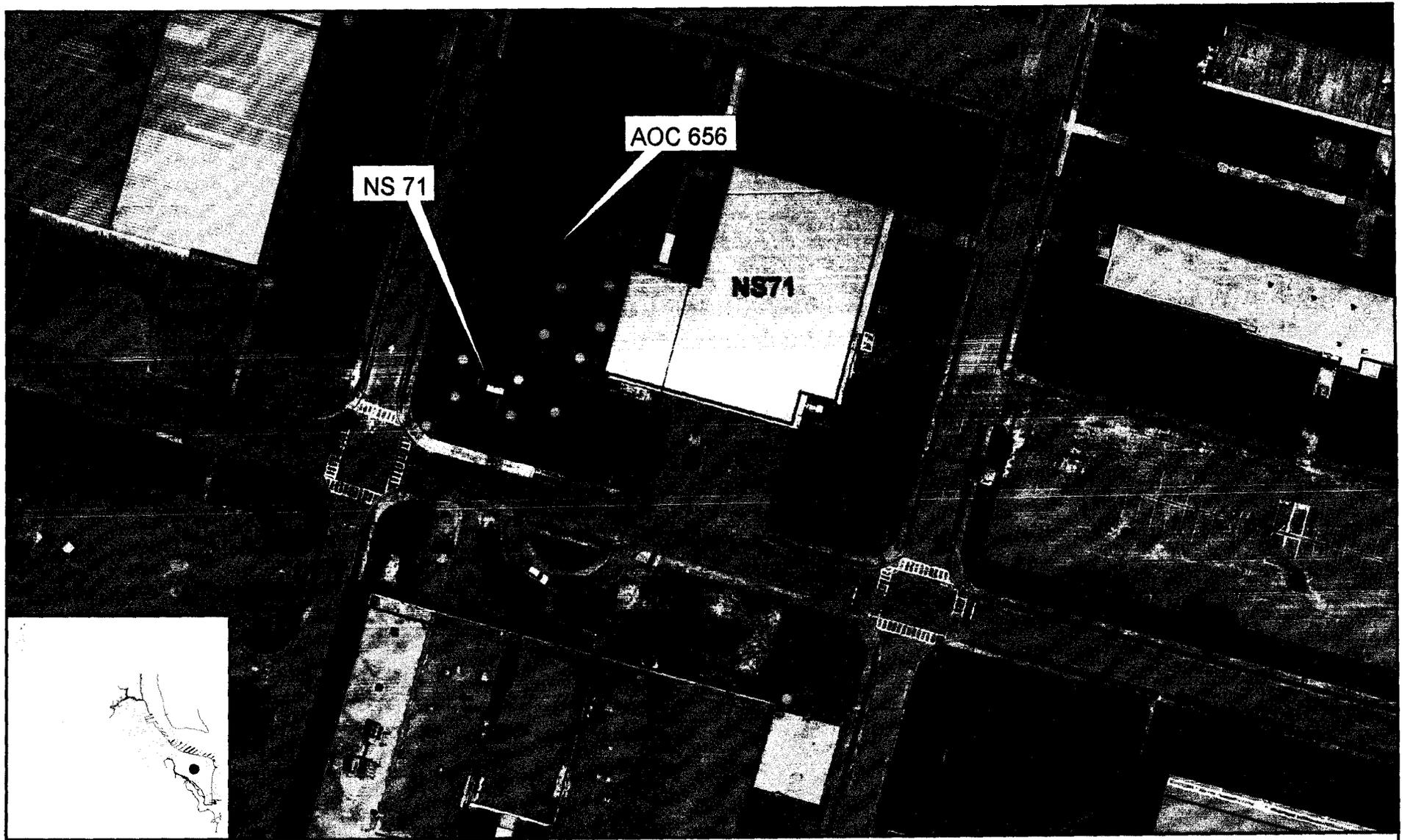
Sincerely,



Johnny Tapia, Environmental Engineer Associate
Hazardous Waste Permitting Section
Bureau of Solid and Hazardous Waste Management

attachments

cc: Paul Bergstrand, Hydrogeology
Paul Bristol, GWPD
Doyle Brittain, USEPA - Region IV
Tony Hunt, SOUTHDIVFACENGCOM
Brian Stockmaster, SOUTHDIVFACENGCOM
Rich Richter, Trident EQC



- Surface Soil
- Groundwater Well
- ∩ Fence
- ∩ Railroads
- ∩ Roads - Lines
- ∩ Bridges
- ∩ Surrounding Area
- ∩ Shoreline
- AOC Boundary
- SWMU Boundary
- Buildings

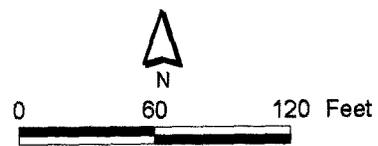


Figure 1
AOC 656/ NS71
 Map Subtitle
 Charleston Naval Complex

CH2MHILL



J.A. JONES

ENVIRONMENTAL
SERVICES

Charleston Naval Complex
1849 Avenue F
North Charleston, SC 29405

Phone (843) 740-2780
Fax (843) 740-2785

FAX

To: Michael Bishop From: Brian Crawford
Fax #: 803-8984190 Total Pages: 3
Phone #: _____ Date: 5/23/01
Re: _____

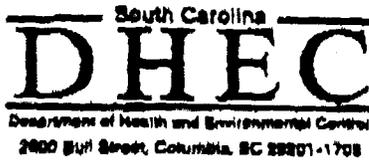
Urgent For Review Please Comment Please Reply

Comments:

RECEIVED

MAY 29 2001

Water Monitoring, Assessment &
Protection Division



Commissioner: Douglas E. Bryant

Board: John H. Burris, Chairman
William M. Mull, Jr., MD, Vice Chairman
Roger Leake, Jr., Secretary

Richard E. Jabbour, DDS
Oynd C. Meester
Brian K. Smith
Rodney L. Grandy

Promoting Health. Protecting the Environment

CERTIFIED MAIL
Return Receipt Requested

September 4, 1996

LCDR Paul Rose
Officer in Charge, Caretaker Site Office
Naval Facilities Engineering Command, Southern Division
Building NH-45
Charleston Naval Base
Charleston, South Carolina 29408-2020

AOC 656
602, NS 71, 657

RE: Transferring sites from the RCRA Subtitle C
to the RCRA Subtitle I Authority
Charleston Naval Shipyard
SCO 170 022 560

RECEIVED
SEP 11 1996
STATE OF SOUTH CAROLINA
DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

SWMU 178,
NS 71

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Sincerely,



Johnny Tapia, Environmental Engineer Associate
Hazardous Waste Permitting Section
Bureau of Solid and Hazardous Waste Management

attachments

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