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TRANSMITTAL LETTER FOR SOUTH CAROLINA DEPARTMENT OF HEALTH AND
ENVIRONMENTAL CONTROL COMMENTS ON INTERIM MEASURES COMPLETION
REPORT AREA OF CONCERN 700 (AOC 700) ZONE C CNC CHARLESTON SC
1/18/2002
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL



2600 Bull Street
Columbia, SC 29201-1708

January 18, 2002

Ms. Amy Daniell
Caretaker Site Office
Charleston Naval Complex
CSO 1895 Avenue F
North Charleston, SC 29405

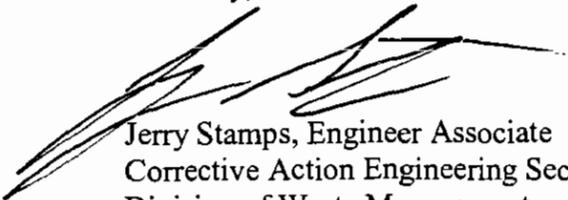
RE: Interim Measure Completion Report, Area of Concern 700, Zone C
Charleston Naval Complex (CNC)
SC0 170 022 560

Dear Ms. Daniell:

The Corrective Action Engineering and the Hydrogeology Sections of the South Carolina Department of Health and Environmental Control (Department) have completed the review of the above referenced document, which was received on October 8, 2001. This review was based upon applicable State and Federal Regulations, and the CNC Hazardous Waste Permit, effective September 17, 1998. The Department has determined that the attached comment must be adequately addressed prior to receiving a final determination with respect to the above referenced document. Please note that the attached comment was discussed with Mr. Jim Edens of CH2M-Jones on January 18, 2002.

Thank you for your cooperation in this matter. If you have any questions or concerns, please contact me at (803) 896-4285.

Sincerely,



Jerry Stamps, Engineer Associate
Corrective Action Engineering Section
Division of Waste Management
Bureau of Land and Waste Management

Attachment:

cc: Tony Hunt, PE, SOUTHDIV
Rob Harrell, PE, SOUTHDIV
Dean Williamson, PE, CH2M-Jones
Gary Foster, PE, CH2M-Jones

Rick Richter, Trident EQC District
Dann Spariosu, PhD, EPA Region 4
Paul Bergstrand, P.G., Hydrogeology

ENGINEERING COMMENTS
Prepared by Jerry Stamps
Charleston Naval Complex (CNC)
January 18, 2002

1. General

Sample ID LC037SB025, located north of the excavated area, had arsenic concentrations of 39J mg/kg and 70J mg/kg in the surface and subsurface soils, respectively. The surface soil concentration is on the upper limit of the Zone C background range of 0.40 – 39 mg/kg, and the subsurface soil concentration significantly exceeds the background range of 0.36 – 32 mg/kg. It should be noted that this area is within the vicinity of the railroad. Though the surface soil concentration is within the range of arsenic concentration presented in the technical memorandum entitled *Results form Additional Background Sampling of the CNC Railroad Lines and Naval Annex (Zone K)*, it does exceed the average arsenic concentration calculated in this technical memorandum. Furthermore, this technical memorandum address surface soils only; therefore, the issue of the elevated subsurface soil concentrations remains to be resolved. Consequently, additional delineation (surface and subsurface soils) adjacent to sample location LC037SB025 is necessary to determine if additional excavation is warranted.

It should be noted that similar concentrations of arsenic as those found in LC037SB025 were detected in LC037SB001, which prompted further investigation and subsequent soil excavation at AOC 700.