

N61165.AR.005469
CNC CHARLESTON
5090.3a

LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND
ENVIRONMENTAL CONTROL REVIEW OF GROUNDWATER ASSESSMENT REPORT
RECEIVED JULY 2007 FOR CHICORA TANK FARM CNC CHARLESTON SC
11/12/2007
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

BOARD:
Paul C. Aughtry, III
Chairman
Edwin H. Cooper, III
Vice Chairman
Steven G. Kisner
Secretary



C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment

BOARD:
Henry C. Scott
M. David Mitchell, MD
Glenn A. McCall
Coleman F. Buckhouse, MD

12 November 2007

Jeff Meyers, BEC
BRAC PMO SE
4130 Faber Place Drive, Suite 202
N. Charleston, SC 29405.

Re: CNB – Chicora Tank Farm
Site Identification # 13350
Groundwater Monitoring Report received July 2007
Charleston County

Dear Mr. Meyers:

The Department has completed technical review of the referenced document. Interpretation of the analytical data provided in the referenced report indicates that chemicals of concern remain above established Risk-Based Screening Levels in soils at the subject site.

According to the report, monitoring well 2 contained Naphthalene in excess of the RBSL limit. In addition, well 34R contained free product. As the Department previously noted in our review of the excavation report for this site (Bishop to Magwood) "Sampling data included in the report indicates that excavation activities were unsuccessful in removing all of the soil contamination at this site. Although much of the site continues to exceed the RBSL limits for sandy soils, only two areas (trenches 8 & 13) exceeded the residential limits for ingestion and dermal contact. However, two items remain unclear. First, what, if any, continuing treat do the contaminated site soils pose to groundwater quality in the area? Second, no parties have announced a redevelopment plan for this site. As redevelopment is unknown, the use of the most protective RBSL limits (residential) must be employed."

Given the results of the latest monitoring report, additional source areas may remain on the site that pose a continuing threat. The Department requests that the Navy produce a soil and free product remediation proposal for this site. The plan should also include a component for ongoing sampling at the site.

Please submit the requested remediation to the Department no later than 28 February 2008. Should you have any questions please contact me at (803) 898-3553 (office phone), (803) 898-2893 (fax) or by e-mail bishopma@dhec.sc.gov.

Sincerely,

Michael A. Bishop, Hydrogeologist
Groundwater Quality Section
Bureau of Water

cc: Region 7 District EQC
Jerry Stamps, BLWM
Technical File