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AUTHORIZATION FOR PROPOSED SOIL BORINGS TEMPORARY MONITORING WELLS AT
THE CHICORA TANK FARM AND THE RESERVE TRAINING CENTER CNC CHARLESTON
SC
02/06/2009
ADVENT ENVIRONMENTAL INC



February 6, 2009

South Carolina Department of Health and Environmental Control
Bureau of Land and Waste Management, Land Revitalization Division
AST Petroleum Restoration & Site Environmental Investigation Section
2600 Bull St.
Columbia, SC 29201

Attention: Ms. Janice Cooke

Subject: Authorization for Proposed Soil Borings/Temporary Monitoring Wells at the
Chicora Tank Farm and the Reserve Training Center
Charleston Naval Complex, North Charleston, SC
Naval Facilities Engineering Command, Southeast
Contract Number N62467-06-D-0125
ADVENT Project 09-500

3555

Dear Ms. Cooke:

This letter is to seek authorization for the installation of sixteen (16) soil borings/temporary monitoring wells at two sites at the Charleston Naval Complex (CNC) in support of activities for Naval Facilities Engineering Command (NAVFAC) Contract Task Order (CTO) 0048, dated January 13, 2009. The soil borings/temporary monitoring wells will be emplaced at the Chicora Tank Farm (CTF) (Figure 1) and the Reserve Training Center (RTC) (Figure 3) at the Charleston Naval Complex, North Charleston, SC.

CHICORA TANK FARM

NAVFAC has directed ADVENT to install twelve (12) soil borings/temporary wells in the vicinity of CTF MW34-R (Site ID 13350) in an attempt to further delineate the source of continued presence of naphthalene above the RBSLs. All temporary monitoring wells will be properly abandoned by a South Carolina certified driller upon completion of sample collection.

1. Proposed boring/temporary monitoring well locations are presented on Figure 2.
2. The temporary monitoring wells will be installed to a depth of 25 feet below ground surface. They will be constructed of 1 inch (ID) Schedule 40 PVC with a 10 foot screened interval.
3. The intended purpose of the wells is to delineate the source of continued contamination in the vicinity of CTF MW34-R.

4. The wells will be owned by: BRAC Program Management Office Southeast
Attn: Kathy Stewart
4130 Faber Place Drive, Suite 202
North Charleston, SC 29405
5. The property owners name and address are:
C. Anthony Rhodes
PO Box 70902
North Charleston, SC 29415
6. Site address and county:
Chicora Tank Farm
Tax ID: 4691500144
0 Carner Ave.
North Charleston, SC 29405
Charleston County
7. The soil and water samples collected will be analyzed for benzene, toluene, ethyl-benzene, and Xylene (BTEX) and naphthalene via EPA Method 8260B.
8. Drilling is proposed to be carried out on Tuesday, February 17, 2009.

RESERVE TRAINING CENTER

NAVFAC has directed ADVENT to install four (4) soil borings/temporary wells to determine if groundwater was impacted from two former fuel oil underground storage tanks (USTs) at the RTC (Site ID 13370). All temporary monitoring wells will be properly abandoned by a South Carolina certified driller upon completion of sample collection.

1. Proposed boring/temporary monitoring well locations are presented on Figure 4.
2. The temporary monitoring wells will be installed to a depth of 25 feet below ground surface. They will be constructed of 1 inch (ID) Schedule 40 PVC with a 10 foot screened interval.
3. The intended purpose of the wells is to determine if groundwater was impacted from two former fuel oil underground storage tanks (USTs) at the RTC.

FIGURES



Figure 1: Chicora Tank Farm Site Location Map

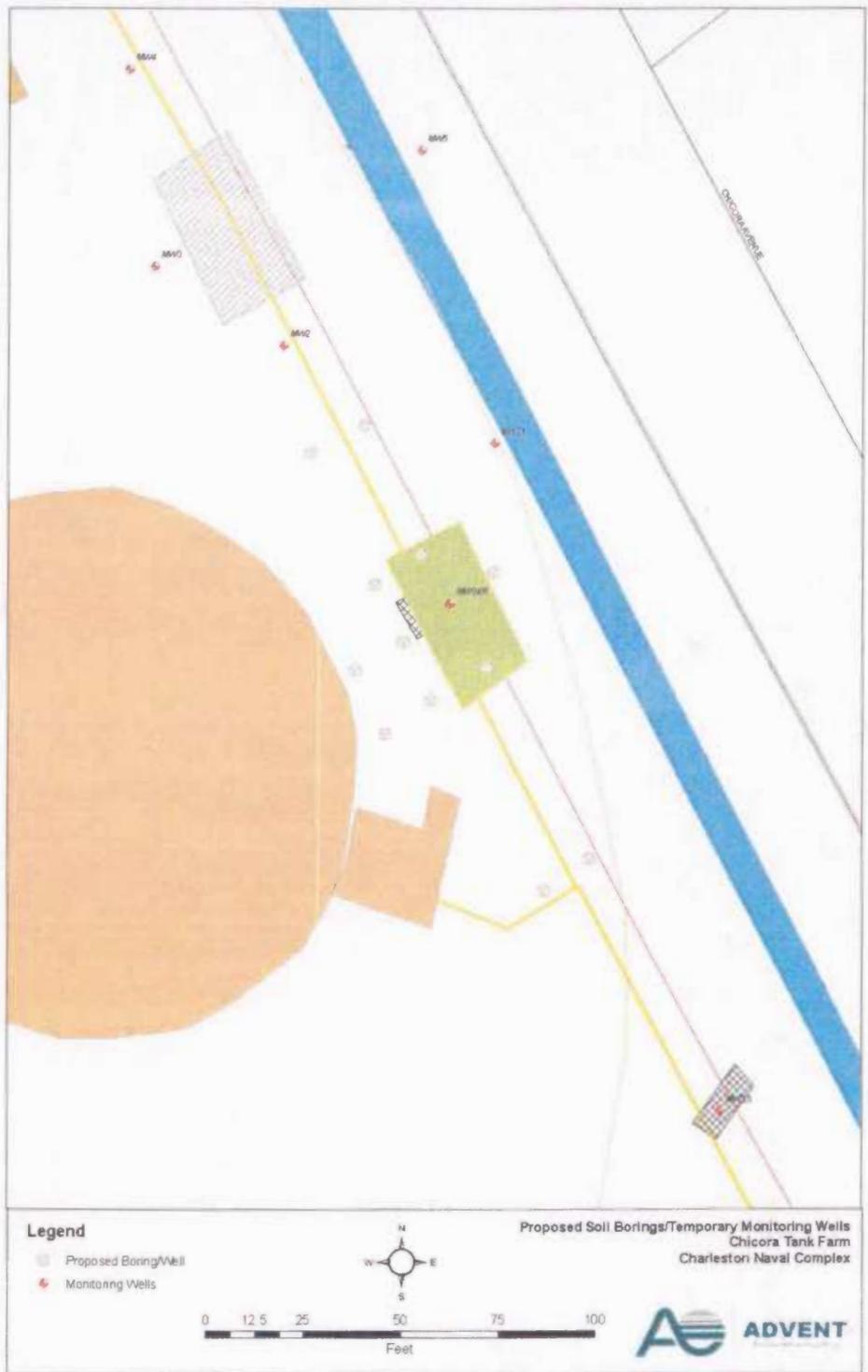


Figure 2: Proposed Soil Boring/Monitoring Well Locations at the CTF