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CNC CHARLESTON  
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REQUEST FOR INSTALLATION OF GEOPROBE SAMPLING LOCATION AREAS OF  
CONCERN 711 AND 715 (AOC 711 AND 715) OIL/ WATER SEPARATORS ZONE I CNC  
CHARLESTON SC  
6/7/2002  
CH2MHILL

CH2M HILL  
4824 Parkway Plaza Blvd.  
Suite 200  
Charlotte, NC 28217-1968  
Tel 704.329.0072



**CH2MHILL**

June 7, 2002

158814.ZI.PR.13

Mr. Paul Bergstrand, P.G.  
South Carolina Department of Health and Environmental Control  
Bureau of Land & Waste Management  
Division of Hydrogeology  
8901 Farrow Road  
Columbia, SC 29203

Subject: Request for the Installation of Geoprobe Sampling Location  
Zone I, AOCs 711 & 715, Oil Water Separators  
Charleston Naval Complex, North Charleston, South Carolina

Dear Paul:

On behalf of the U.S. Navy Southern Division Naval Facilities Engineering Command, CH2M-Jones requests a well installation permit for the installation of two Geoprobe groundwater sampling locations by CH2M Hill's subcontractor Prosonic.

The Geoprobe sampling locations will be advanced to a maximum depth of approximately 10 feet below land surface and sampled for VOCs, SVOCs, PCBs, and pesticides. A groundwater sample will be collected from approximately 5 to 10 feet below land surface. The borings will not be completed as groundwater monitoring wells. The attached figures present the locations of the proposed Geoprobe boring. The boring abandonment will be performed in accordance with the South Carolina Well Standards and Regulations (R.61-71), including submittal of Water Well Record Form HDI (9-77).

Mr. Paul Bergstrand, P.G.

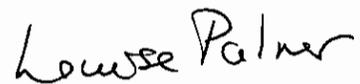
Page 2

June 7, 2002

CH2M-Jones' subcontractor has scheduled to complete this work the week of June 10, 2002. If you have any questions, comments, or require additional information please do not hesitate to contact us.

Sincerely,

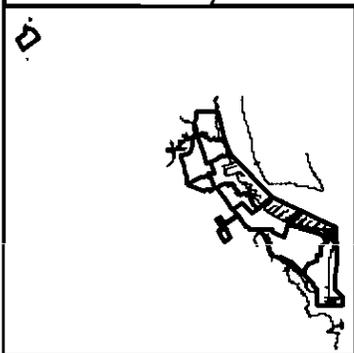
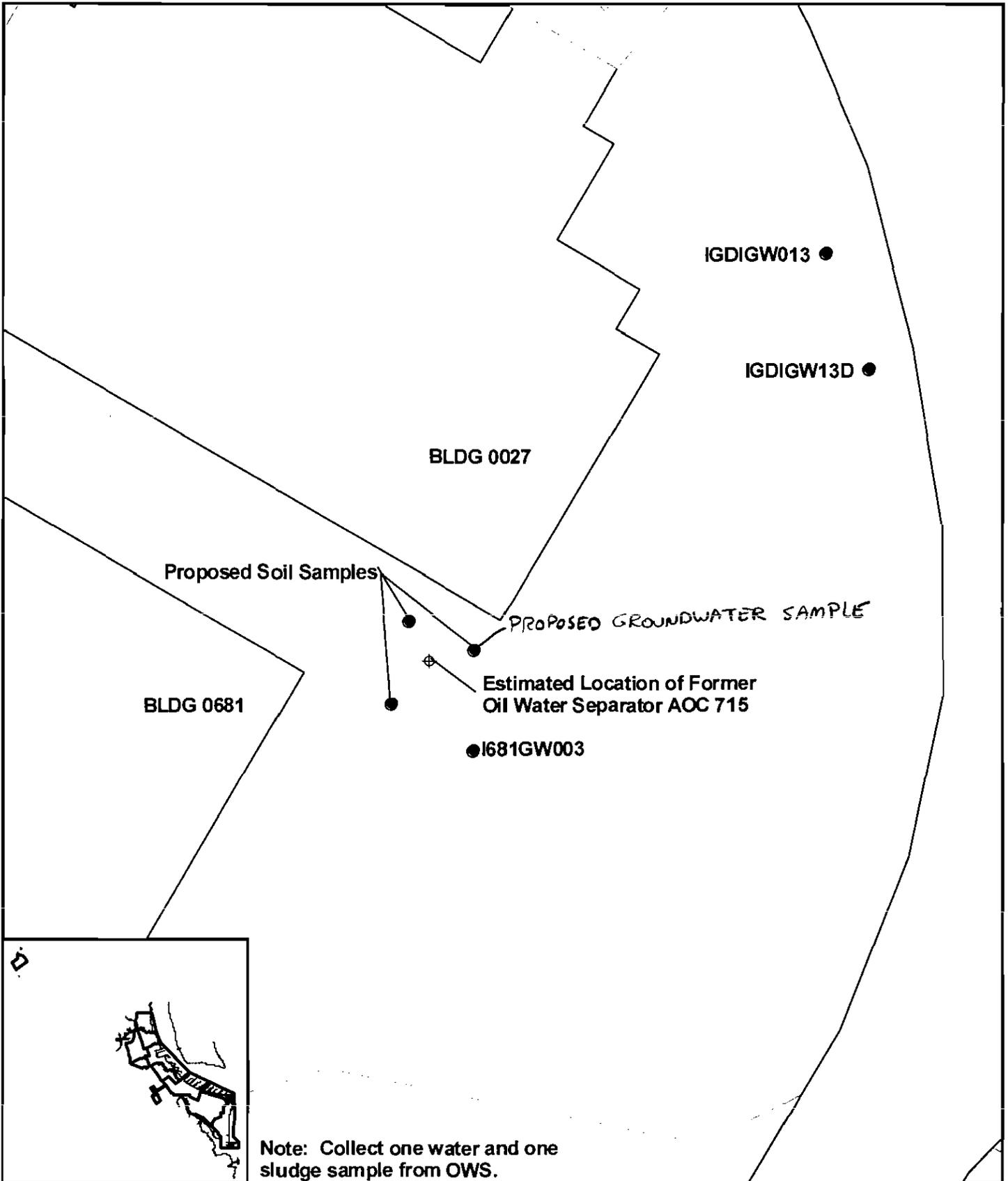
CH2M HILL

A handwritten signature in cursive script that reads "Louise Palmer".

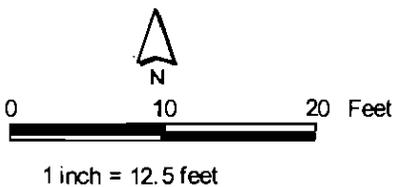
Louise Palmer, P.E.  
Project Engineer  
(704) 329-0073 ext. 296

enclosures

cc: Tony Hunt, P.E./SOUTHDIV  
Rob Harrell/SOUTHDIV  
Dean Williamson, P.E./CH2M HILL/GNV

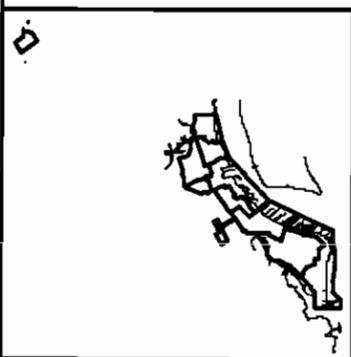
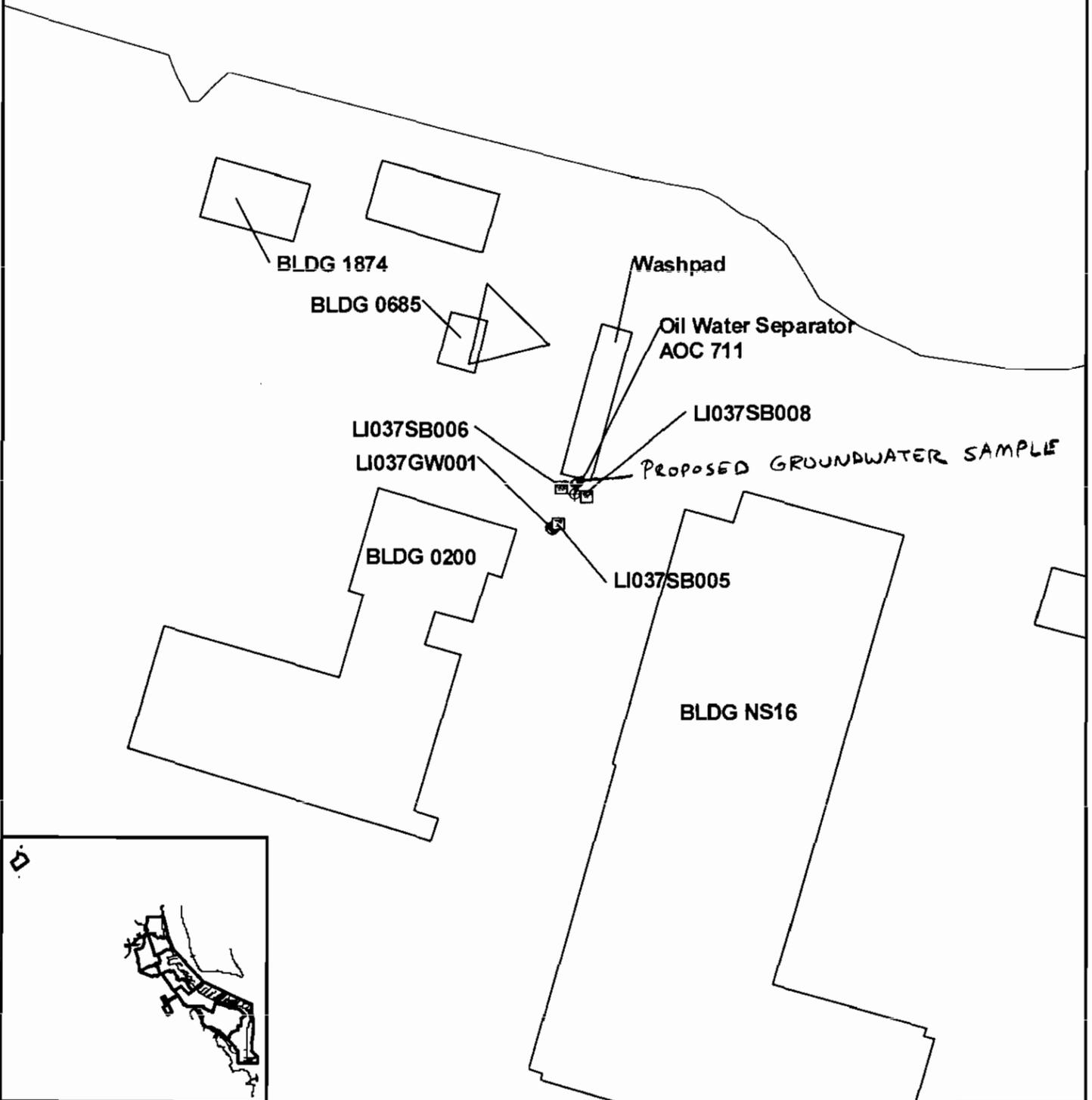


- Proposed Soil Sample
- Groundwater Well
- ⊕ AOCs
- ∧ Roads
- Buildings
- ∨ Pavement

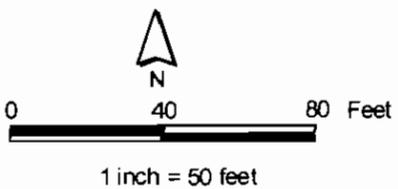


**Figure 5**  
AOC 715 Sampling Locations  
Confirmatory Sampling Investigation  
Charleston Naval Complex

Note: Collect composite water and composite sludge from OWS.



- Existing Soil Boring
- Existing Groundwater Well
- ⊕ AOCs
- ∧ Shoreline
- Buildings



**Figure 8**  
AOC 711 Sampling Locations  
Confirmatory Sampling Investigation  
Charleston Naval Complex