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REQUEST FOR APPROVAL OF MONITORING WELL INSTALLATION LOCATIONS
CLOUTER ISLAND CNC CHARLESTON SC
3/26/2002
ENSAFE



ENSAFE INC.

ENVIRONMENTAL AND MANAGEMENT CONSULTANTS

313 Wingo Way • Mt. Pleasant, South Carolina 29464 • Telephone 843-884-0029 • Facsimile 843-856-0107 • www.ensafe.com

March 26, 2002

Mr. Paul Bergstrand
Bureau of Solid and Hazardous Waste
South Carolina Department of Health and Environmental Control
8901 Farrow Road
Columbia, SC 29203

RE: Request for Approval of Monitoring Well Installation Locations
Charleston Naval Complex, Clouter Island RFI (CTO-0158)

Dear Mr. Bergstrand:

EnSafe Inc. is preparing to install two shallow temporary groundwater monitoring wells (694015 and 694016) at Clouter Island (see enclosed map). Well 694015 is to evaluate groundwater quality up gradient of 694009. Well 694016 is to be installed proximal to elevated detections of lead in soil at boring 694SB041 and determine if lead is present in groundwater at this location.

The 2-inch diameter PVC wells will be installed inside 4-inch diameter borings to a maximum anticipated depth of eight (8) feet below ground surface using stainless steel hand augers. The five-foot long screen section will consist of machine sawn .010 inch slot around which a sand filter pack will be installed. Bentonite (Hole Plug™) will be used to seal well annulus space above the filter pack. Development of these wells will be by surging and pumping unless formation conditions limit flow requiring either bailer or low-flow development. Wells will be completed above ground with approximately two (2) feet of stick-up. Groundwater analysis will be for metals (total and dissolved).

Wells will be installed in accordance with South Carolina Well Standards and Regulations R. 61-71. All wells will be surveyed and tied to the South Carolina State Plane Coordinate system. Ground and TOC elevations will be tied to MSL Datum.

Mr. Paul Bergstrand

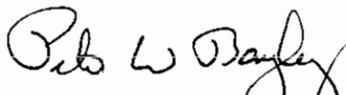
March 25, 2002

Page 2

We anticipate field work to begin April 15, 2002 pending your approval.

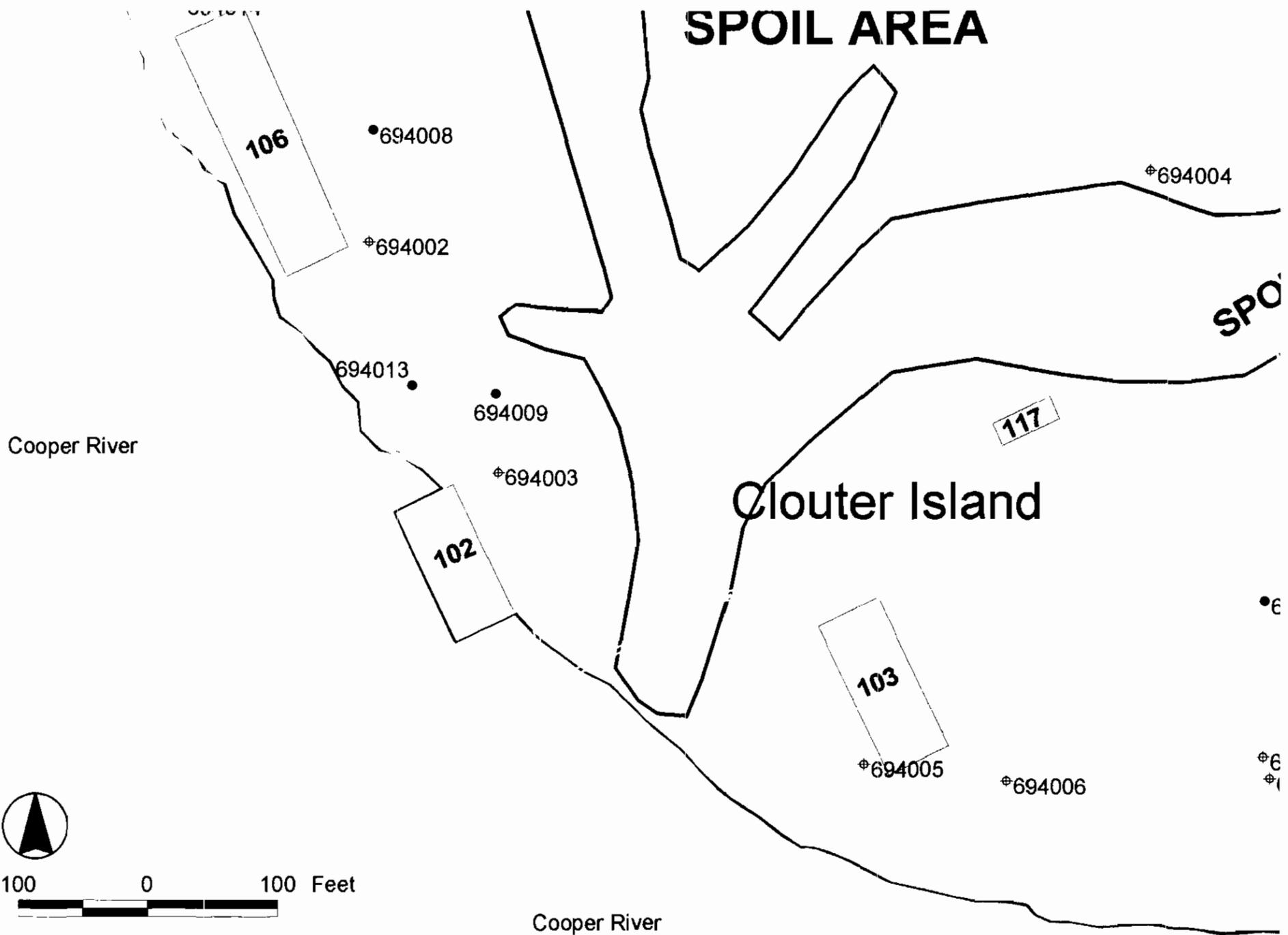
Please contact me at (843) 884-0029 if you have any questions regarding this request or if you need additional information.

Sincerely,
EnSafe Inc.



By: Peter W. Bayley
Geologist

cc: Rob Harrell, Southern Division; w/enclosure
Project File 0158-001; w/enclosure



Proposed Well Locations For Clouter Island RFI Well Permit Application