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CNC CHARLESTON
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LETTER REGARDING UPDATE TO THE PERMANENT GROUNDWATER MONITORING
WELL INSTALLATION PERMIT REQUEST FOR WELLS IN THE VICINITY OF THE
UNDERGROUND STORAGE TANK SYSTEM CNC CHARLESTON SC

6/5/1996

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JUN 7 1996

June 5, 1996

Groundwater Protection
Division

Mr. Tim Mettlen
Bureau of Drinking Water Protection
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Re: Permanent Groundwater Monitoring Well Installation Permit Request
Revised Well Locations
Proposed Commissioners of Public Works Lease Areas
Naval Base Charleston
North Charleston, South Carolina

Dear Mr. Mettlen:

This letter updates the "Permanent Groundwater Monitoring Well Installation Permit Request" submitted to Mr. Paul Bergstrand of the South Carolina Department of Health and Environmental Control (DHEC) on May 30, 1996, for the referenced facility. Per our conversation yesterday, General Engineering Laboratories, Inc. (GEL) plans to install three permanent groundwater monitoring wells in the vicinity of the on-site underground storage tank (UST) system. These three wells will be used for the "Change-of-Ownership" assessment of the UST system; therefore, GEL does not intend to install the 11 soil borings originally planned in the "Evaluation of Baseline Environmental Conditions," May 24, 1996.

As shown on Figure 1, one well, MW-2, will be installed hydraulically upgradient of the USTs, and two wells, MW-3 and MW-4, will be installed in hydraulically downgradient locations of the USTs. The USTs meet all 1998 guidelines for leak detection; therefore, these wells will serve as an additional leak detection system in the future.

Please note that proposed wells MW-2 and MW-9, from the original permit request, have been eliminated. In addition, wells MW-16 and MW-17, which were proposed for the 3.62-acre lease area in the original permit request have also been eliminated. Therefore, the total number of wells to be installed on the CPW lease areas is 15. All wells will be installed following the procedures outlined in GEL's May 30, 1996, "Permanent Groundwater Monitoring Well Installation Permit Request." Groundwater samples collected from the wells surrounding the UST system will be analyzed for benzene, toluene, ethyl benzene, total xylenes, methyl tert butyl ether, naphthalene, and polyaromatic hydrocarbons.

P O Box 30712 • Charleston, SC 29417 • 2040 Savage Road • 29414

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Mr. Tim Mettlen
June 5, 1996
Page 2

Thank you for your assistance with this project. If you have any questions concerning the well installation procedures or if you need additional information, please call me at (803) 769-7378, extension 4418.

Sincerely,



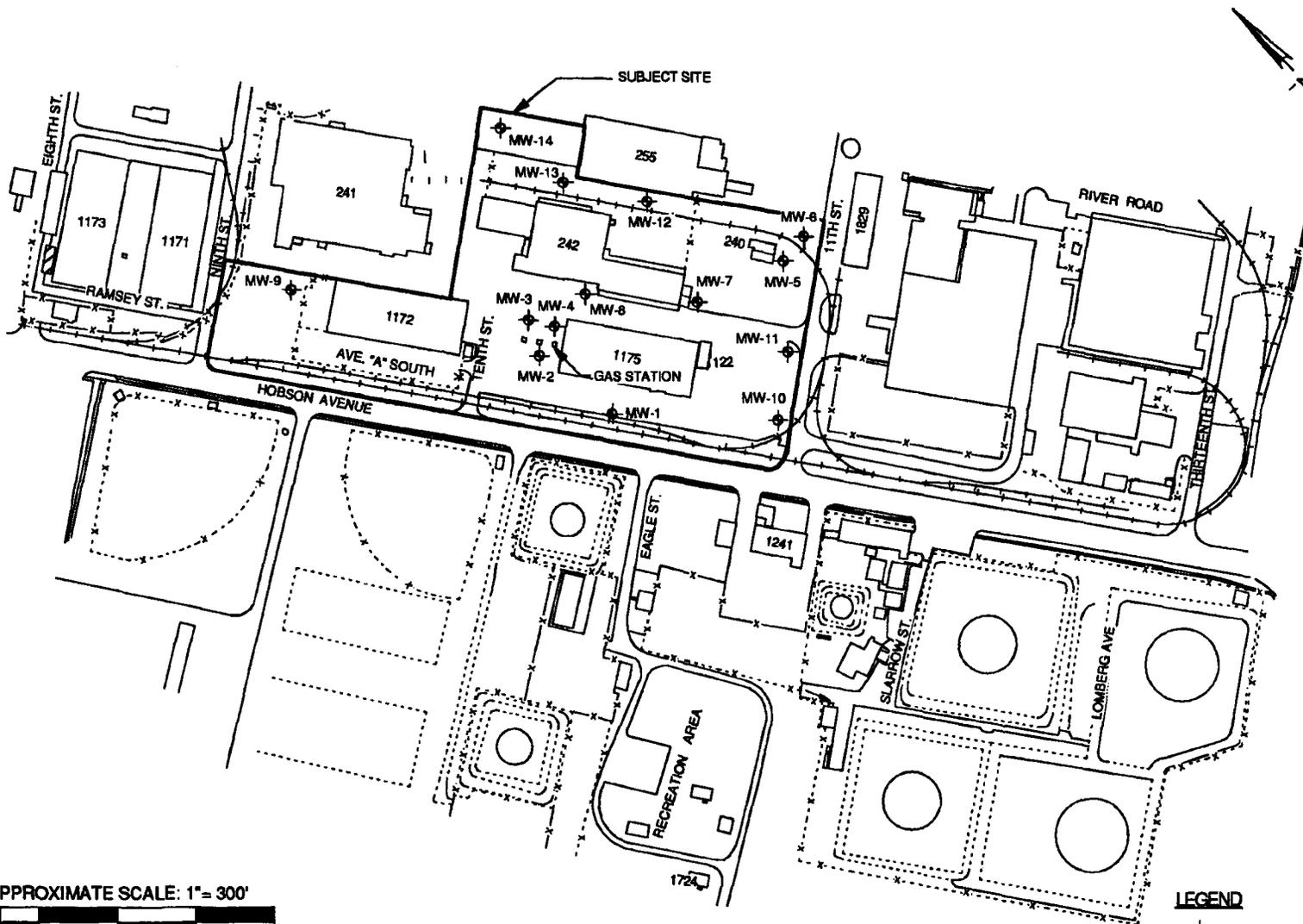
Tracy D. Jones
Hydrogeologist II

enclosure

cc: Paul M. Bergstrand, Bureau of Solid and Hazardous Waste, DHEC

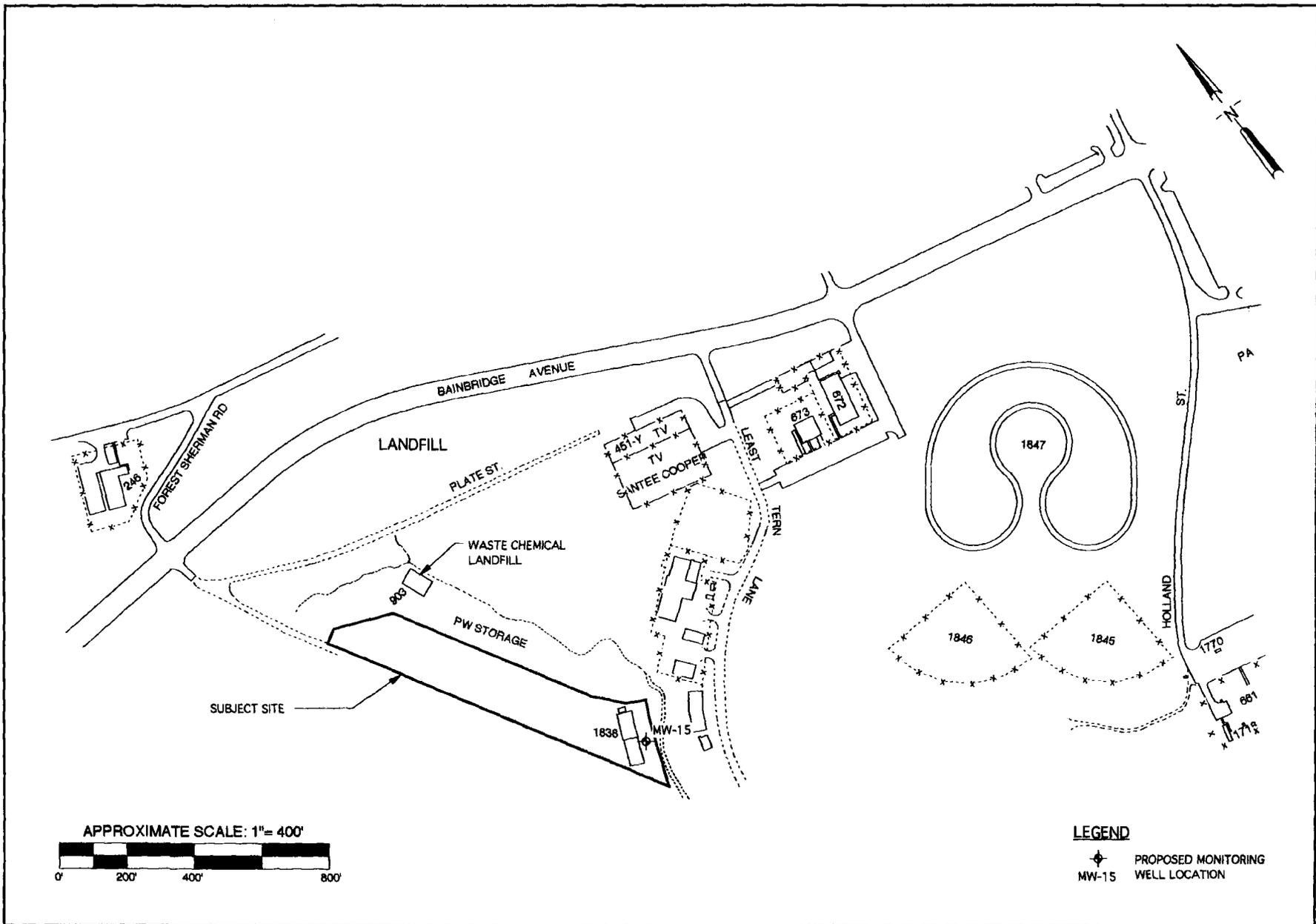
fc: cpwc00196.060596.well.chng





LEGEND
 PROPOSED MONITORING WELL LOCATION

GENERAL ENGINEERING LABORATORIES, INC. environmental consulting and analytical services 	P.O. BOX 30712 CHARLESTON, SC 29417 (803) 556-8171	PROJECT: cpwa00198	SITE MAP WITH SURROUNDING PROPERTIES	FIGURE 1
		EVALUATION OF BASELINE ENVIRONMENTAL CONDITIONS 10.1 ACRE TRACT NAVAL BASE CHARLESTON CHARLESTON, SOUTH CAROLINA		



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PROJECT: cpwc00198

EVALUATION OF BASELINE
ENVIRONMENTAL CONDITIONS
3.82 ACRE TRACT
NAVAL BASE CHARLESTON
CHARLESTON, SOUTH CAROLINA

DATE: May 23, 1986

DRAWN BY: SMY

APPRV. BY: TDH

SITE MAP WITH
SURROUNDING PROPERTIES

FIGURE

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