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NSB KINGS BAY  
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LETTER REQUESTING A PERMIT TO INSTALL RECOVERY WELLS ADJACENT TO ROADS  
NSB KINGS BAY GA  
8/31/1993  
ABB ENVIRONMENTAL

133

August 31, 1993

*approved*  
*[Signature]*  
P.H. 1093-1-039 S. E.

Mr. Jeff Griffith  
Department of Transportation  
State of Georgia  
Jessup District  
District Office  
P. O. Box 608  
Jessup, GA 31545-0608

SUBJECT: Permit for Installation of Piezometers, Recovery Wells and Road Bore  
Naval Submarine Base, Kings Bay, Georgia

ABB Environmental Services is requesting a permit to be issued to ABB Environmental Services, Inc. to install recovery wells, piezometers, conveyance piping, and two adjacent road bores within D.O.T. right-of-way along Spur 40 north of the Jackson Gate to Naval Submarine Base, Kings Bay, Georgia.

There will be three recovery wells and four piezometers installed. In addition, there will be two adjacent, 10-inch diameter road bores installed underneath Spur 40. It is anticipated that these structures will remain in place for approximately 5 to 15 years.

Enclosed you will find details for both the recovery well and piezometer construction. The Plan View shows the locations of the recovery, piezometers, and road bore in relation to Spur 40. The positions were determined based on concentration levels and to increase the efficiency of recovery. We have enclosed items we understand are necessary for the permitting process.

If there are any additional requirements regarding permitting, please call Frank Cater at 615/531-1922.

Sincerely,

*[Signature of Frank Cater]*

Frank Cater, P.E.  
Project Manager

Enclosures: Plan View  
Details for both the recovery well and piezometer construction  
Responses to items received from G.D.O.T.

cc: Ed Cohn  
John Garner  
CT094 File

ABB Environmental Services Inc.

GEORGIA DEPARTMENT OF TRANSPORTATION

- 1) A full site assessment:

ABB Environmental Services, Inc. (ABB-ES), 1993. RFI Interim Report for Site 11, Naval Submarine Base, Kings Bay, Georgia. Contract Task Order No. 041 Navy Clean-District 1, Contract No. N62467-89-D-0317. March. Volume 1, Sections 1 thru 8.

- 2) Any Georgia Environmental Protection Division correspondence:

None found.

- 3) Well Survey information and subsequent site specific remediation standards:

ABB Environmental Services, Inc. (ABB-ES), 1993. RFI Interim Report for Site 11, Naval Submarine Base, Kings Bay, Georgia. Contract Task Order No. 041 Navy Clean-District 1, Contract No. N62467-89-D-0317. March. Volume 1, Pages 4-2, 4-8 thru 4-22, 5-26 thru 5-28, and 7-8.

- 4) A map showing the delineation of the contaminant plume:

ABB Environmental Services, Inc. (ABB-ES), 1993. RFI Interim Report for Site 11, Naval Submarine Base, Kings Bay, Georgia. Contract Task Order No. 041 Navy Clean-District 1, Contract No. N62467-89-D-0317. March. Volume 1, Pages 4-24 thru 4-31.

- 5) A groundwater contour map:

ABB Environmental Services, Inc. (ABB-ES), 1993. RFI Interim Report for Site 11, Naval Submarine Base, Kings Bay, Georgia. Contract Task Order No. 041 Navy Clean-District 1, Contract No. N62467-89-D-0317. March. Volume 1, Page 2-11.

- 6) All soil and groundwater test results and/or soil vapor results:

ABB Environmental Services, Inc. (ABB-ES), 1993. RFI Interim Report for Site 11, Naval Submarine Base, Kings Bay, Georgia. Contract Task Order No. 041 Navy Clean-District 1, Contract No. N62467-89-D-0317. March. Volume 1, Pages 4-8 thru 4-22, 4-38 thru 4-43, 4-53 thru 4-54.

- 7) The dimensioned location of the proposed well(s) within the right-of-way:

The proposed wells are located on the northwest side Right-of-way of Georgia State Road 40.

- Recovery Well 3 is located at station 210+80.
- Recovery Well 4 is located at station 206+50.
- Recovery Well 6 is located at station 208+25.
- Piezometer 10 is located at station 208+65.
- Piezometer 9 is located at station 211+20.
- Piezometer 8 is located at station 211+20 (clustered w/ P-9).
- Piezometer 7 is located at station 212+05.

- 8) The existing pavement and right-of-way width:

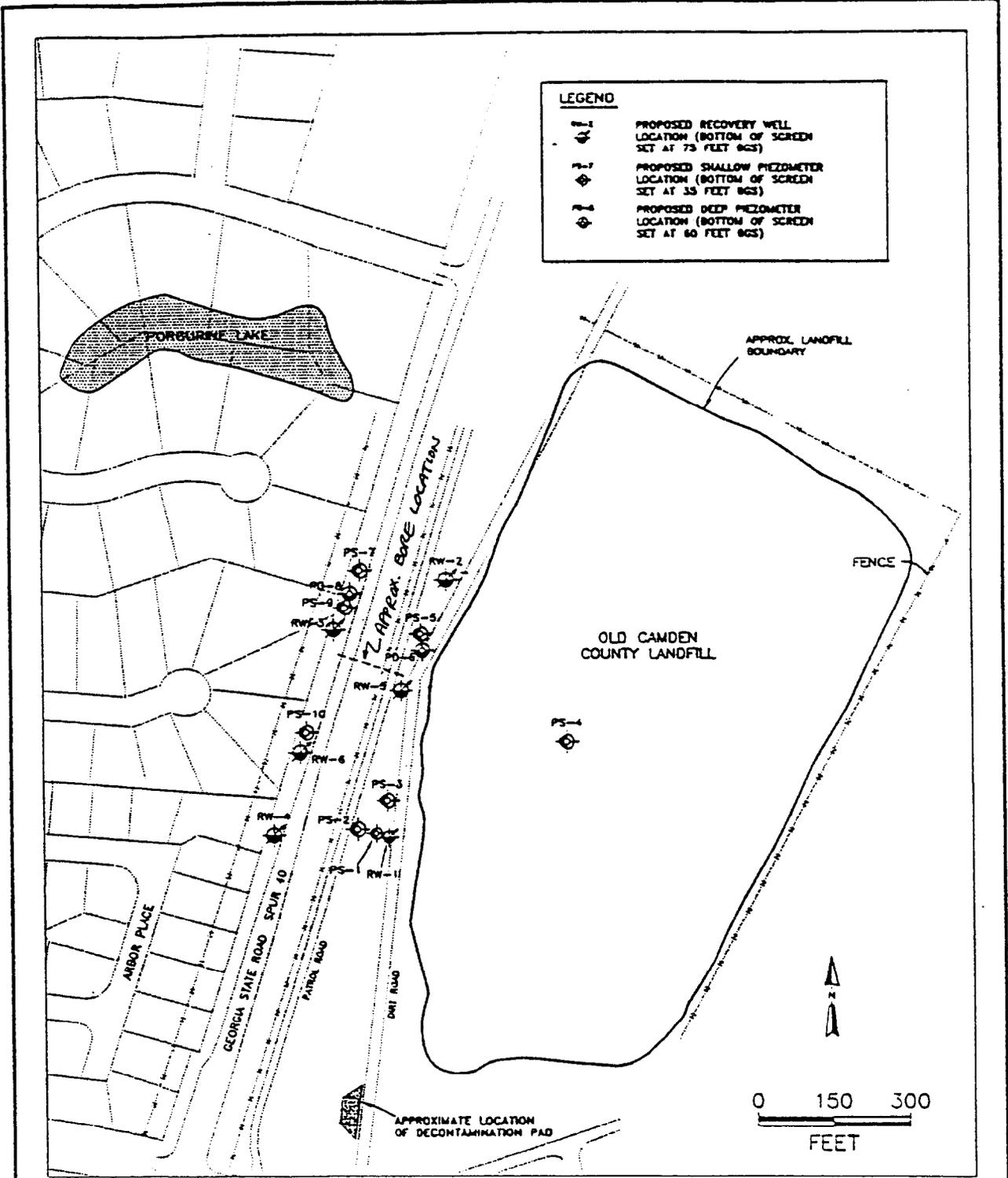
The existing right of way width is 100 feet, 50 feet each side of the roadway centerline. The pavement width is 26 feet.

- 9) The predicted length of time the well(s) will be in place:

The wells will be in place for 8 to 10 years.

- 10) The reason why areas inside the Department's right-of-way need to be used:

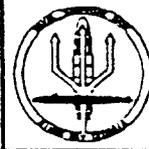
The optimum locations for plume control are within the Department's right-of-way.



OWN: NLW  
 CHKD: KDS  
 DATE: 8/18/93

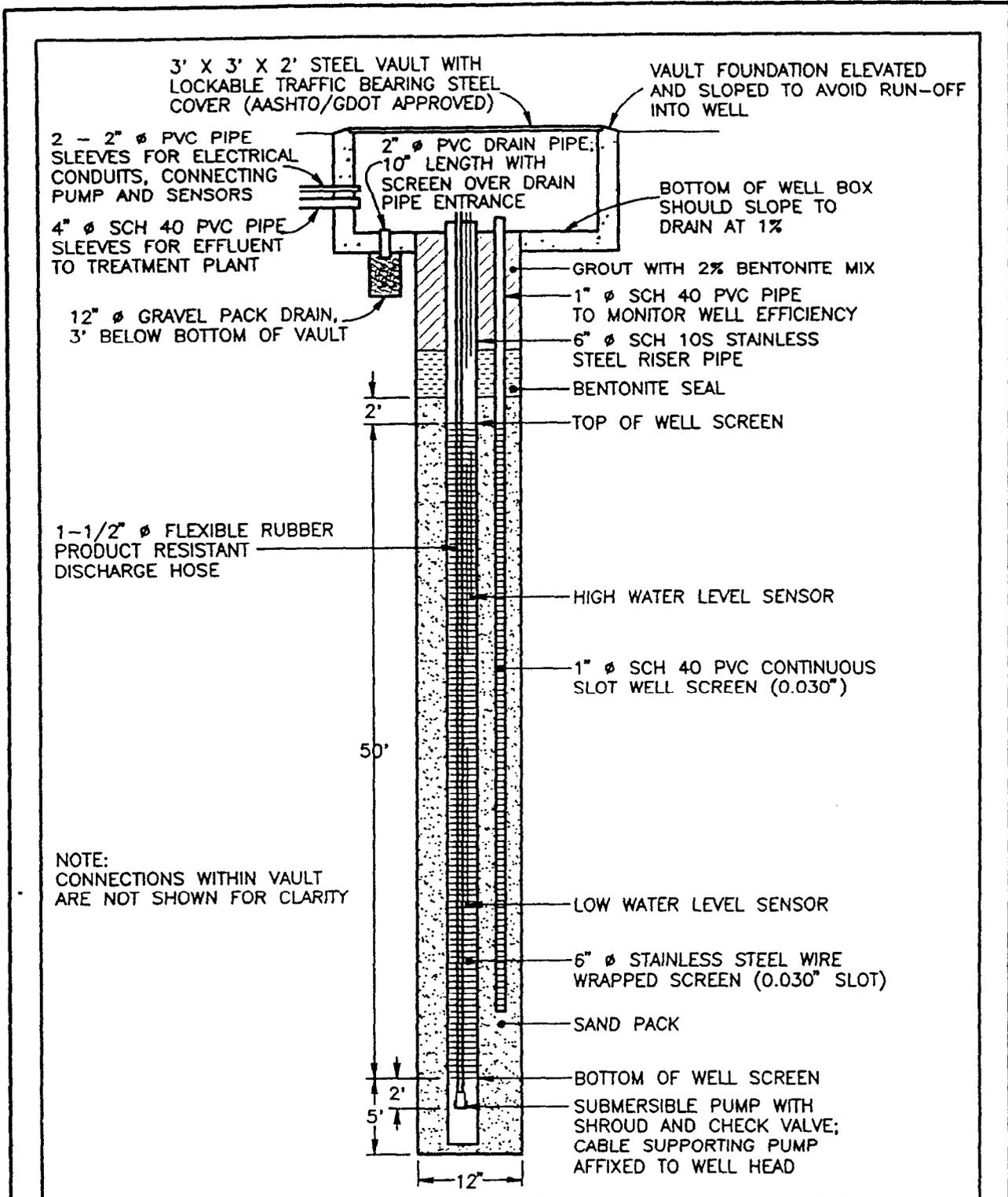
PROJECT NO.: 08503  
 FIGURE NO.: 1

TITLE: PROPOSED RECOVERY WELL AND PIEZOMETER LOCATIONS



NAVAL SUBMARINE BASE  
 KINGS BAY, GEORGIA

*Handwritten signature*



DWN: DMF	DES: HF	PROJECT NO.: 08503.02	TITLE: RECOVERY WELL DETAIL
CHKD: KDS	APPD.: GMB	FIGURE NO.: 3	
DATE: 8-12-93	REV.:		



*Handwritten signature*