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NAS CECIL FIELD
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FIGHTLINE DEEP GROUNDWATER SCREENING PROGRAM MB-18 FLIGHTLINE AREA
WITH TRANSMITTAL NAS CECIL FIELD FL
5/6/1998
ABB ENVIRONMENTAL



May 6, 1998

Ms. Debbie Vaughn-Wright
Remedial Project Manager
Federal Facilities Branch
Waste Management Division, 10th Floor
USEPA Region IV
61 Forsyth St.
Atlanta, Georgia 30303

**Subject: Flightline DPT Proposal
Naval Air Station Cecil Field
Jacksonville, Florida
Contract No. N62467-89-D-0317/090**

Dear Ms. Vaughn-Wright:

On behalf of Southern Division, Naval Facilities Engineering Command (SOUTHNAVFACENGCOCOM), ABB Environmental Services, Inc. is pleased to forward three copies of the subject proposal. We will be discussing this proposal during the May 11 telecon.

Questions you may have concerning this memorandum should be directed to Mr. Mark Davidson (843-820-5669).

Sincerely,

ABB ENVIRONMENTAL SERVICES, INC.

Rao Angara
Installation Manager

cc: Mr. Mark Davidson, SDIV (1 copy)
Mr. David Porter, SDIV (1 copy)
Mr. Mike Deliz, FDEP (2 copies)
Mr. David Kruzicki, NASCF (2 copies)
Mr. Dale Obenauer, BEI (1 copy)
Mr. Mark Speranza, Tetra Tech NUS (1 copy)
Mr. Sam Pratt, Tetra Tech NUS (3 copies)
File

ABB Environmental Services Inc.



Flightline Deep Groundwater Screening Program
MB-18, Flightline Area
NAS Cecil Field

As discussed at the April 1998 partnering meeting, several deep (greater than 45 feet bls) groundwater contaminant plumes have been identified throughout NAS Cecil Field. A concern was identified that additional deep plumes may be present under the flightline apron. It was noted that deep (45-85 feet bls) BTEX and solvent plumes was recently (1997) identified southeast of the Day Tank 2 site in an area where deep groundwater plumes were not expected to be present. In an effort to identify any additional deep groundwater plumes under the flightline apron, ABB-ES was tasked by the partnering team to conduct a deep groundwater screening program under BRAC Phase III. The scope of the deep groundwater screening program is as follows:

1. Collect groundwater screening samples from 22 locations (see attached figure) at depths of 45, 65, and 85 (or top of the dolomite) feet bls. Sixteen of the 22 locations are the same location where DPT screening samples were collected in 1996 to a depth of 35 feet bls. The remaining 6 locations will be used to delineate the deep chlorinated solvent plume identified during the Day Tank 2 site assessment.
2. Groundwater samples will be analyzed for EPA methods 601 and 602 to identify both petroleum and solvent contamination. The data quality level will be Level E and quick turnaround time on the analysis will be implemented if necessary.
3. Groundwater samples will not be collected at locations where the horizontal and vertical extent of the contaminant plume has previously been delineated. These areas include Site 16, Day Tank 2 (with the exception of the solvent plume), and Facilities 13 and 14.

