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NAS CECIL FIELD, FL
5090.3a

REMEDIAL INVESTIGATION WORK PLAN ADDENDUM 2 FOR GROUNDWATER
MONITORING WELL SAMPLING AND ANALYSIS AT SITE 45 FACILITY 11 NAS CECIL
FIELD FL
7/31/2000
TETRA TECH NUS INC

**Remedial Investigation Work Plan Addendum 2
Groundwater Monitoring Well Sampling and Analysis
Site 45, Facility 11
Naval Air Station Cecil Field
Jacksonville, Florida**

July 31, 2000

Resampling of the groundwater from existing well CEF-P45-8S is proposed to verify an exceedance of the lead criterion. The sample will be analyzed for both unfiltered lead and filtered lead. The well location is shown on Figure A.

Sampling activities and procedures described will be performed in accordance with the U.S. EPA Region 4 Environmental Investigation Standard Operating Procedures and Quality Assurance Manual (EISOPQAM) and the Sites 36 and 37 RI report. The groundwater will be sampled using low-flow techniques.

Personnel protection equipment and other waste trash (e.g. disposable trowels) will not be considered hazardous and will be disposed in a municipal landfill. Such trash will be collected in a plastic bag and disposed in a suitable trash receptacle.

Sampling handling requirements, the bottleware required, preservation, and holding time requirements for the analysis proposed for this sampling event are as identified in the following table:

Analysis	Analytical Method	Bottleware	Preservation	Holding Time⁽¹⁾
GROUNDWATER				
Lead	SW-846 6101B	1 liter HDPE (total) 1 liter HDPE (dissolved)	pH < 2 with HNO ₃	180 days to analysis

1 Holding times are measured from the date/time of sample collection.

Analytical results will be provided on a **3-day** turn around basis.

The laboratory contracted to do this work is as follows:

ACCUTEST SOUTHEAST
4405 Vineland Road, Suite C-15
Orlando, Florida 32881
Attention: Heather Williams
(407) 425-6700
Fax: (407) 425-0707

As agreed upon by the BCT, the collection of rinsate and trip blanks has been eliminated at NAS Cecil Field. In addition, field blanks will not be collected during this sampling program because there will be no decontamination of sampling equipment. In accordance with these changes, the following table summarizes the frequency and type of field Quality Assurance/Quality Control (QA/QC) samples to be collected for this sampling program.

Type of Samples	Frequency	Samples to be Collected
Field Duplicate	1/10 sample/matrix	0
Lab MS/MSD	1/20 samples	0 ⁽¹⁾

⁽¹⁾ MS/MSD is a laboratory QA/QC requirement, separate sample not required, only additional volume.

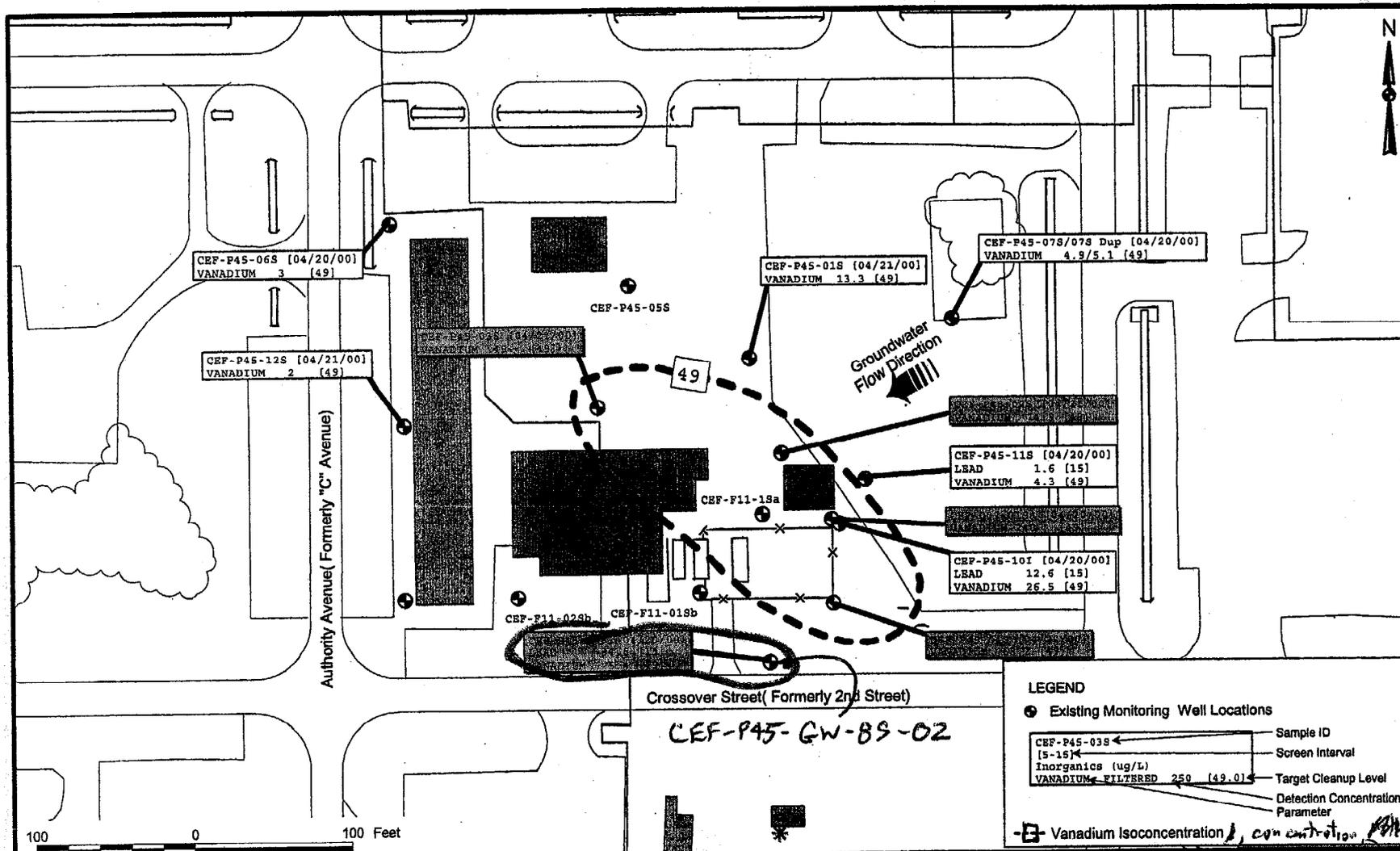
As agreed upon by the BCT, formal data validation has been eliminated from the installation restoration program at NAS Cecil Field. However, the analytical data packages generated by the analytical laboratory will be reviewed by Tetra Tech NUS personnel to eliminate false positives and false negative results.

Table 1⁽¹⁾

**Remedial Investigation Work Plan Addendum 2
Groundwater Sampling and Analysis
Site 45, Facility 11**

Sample ID	Location	Analysis	
		Lead, Total	Lead, Dissolved ⁽¹⁾
GROUNDWATER			
CEF-P45-GW-08S-02	Well CEF-P45-MW-08S	X	X

(1) Filtered sample to be passed through 1-micron filter



DRAWN BY	DATE
MJJ	13Oct99
CHECKED BY	DATE
COST/SCHEDULE-AREA	
SCALE AS NOTED	



RESULTS IN GROUNDWATER (RI DATA)

OK **SITE 45 - Addendum 2**

REMEDIAL INVESTIGATION REPORT

NAVAL AIR STATION CECIL FIELD

JACKSONVILLE, FLORIDA

CONTRACT NUMBER 0039	
APPROVED BY	DATE
APPROVED BY	DATE
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FIGURE **A**