

N60200.AR.001855
NAS CECIL FIELD, FL
5090.3a

SUPPLEMENTAL SAMPLING PLAN FOR FACILITY 16A AND FACILITY 631 NAS CECIL
FIELD FL
4/28/1999
TETRA TECH NUS INC

Phase III Work
Plan
16A & 631

Supplemental Sampling Plan
Facility 16A and Facility 631

April 28, 1999

This Supplemental Sampling Plan applies to two separate BRAC sites: 16A and 631. The results from the previous sampling rounds are sufficient to delineate the excavation. However, an additional sample is required at each site for waste classification for disposal.

The following samples are to be collected:

- At Facility 16A, collect a soil sample from the 0 to 1 foot interval within 2 feet of the previous sample location CEF-16A-SS-007. This sample will be analyzed for TCLP, lead only.
- At Facility 631, collect a soil sample from the 0 to 1 foot interval within 2 feet of the previous sample location CEF-631-SS-002. This sample will be analyzed for TCLP, lead only.

MAX LEAD CONC (563 ppm)
was @ SS-009

The sampling activities and procedures described in this work plan will be performed in accordance with the U.S. EPA Region 4 Environmental Investigation Standard Operating Procedures and Quality Assurance Manual (EISOPQAM) and the Base-Wide Generic Work Plan for Naval Air Station (NAS) Cecil Field. Specifically, the Base-Wide Generic Work Plan includes procedures for management of investigation-derived wastes in Volume I and standard operating procedures in the Project Operations Plan in Volume II.

The surface soil samples will be collected as grab samples using plastic, disposable trowels. Because disposable trowels will be used, decontamination of sampling equipment will not be necessary. The location will be located in the field by a registered land surveyor and marked with a wooden stake or pin flag labeled with the sample identification. The sampling crew will work with the survey crew to establish the best procedures to limit the time the wooden stakes or pin flags are in the area. If the sample location requires movement based on field observations or conditions, the location where the sample was actually collected will be surveyed and reported.

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. Removed soil in excess of sampling volume requirements will be placed back on the ground and the turf replaced or repaired.

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⁾
TCLP, Lead only	SW-846 1311/6000B	16-oz. glass jar	Cool to 4 °C	180 days to extraction

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

Analytical results will be provided on a 7-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: Susan Gaudios
(407) 425-5700
Fax: (407) 425-0707

**Supplemental Sampling Plan
Facility 16A and Facility 631**

April 28, 1999

No field duplicates or MS/MSD duplicate samples need to be collected.

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

Supplemental Sampling Plan
Facility 16A and Facility 631

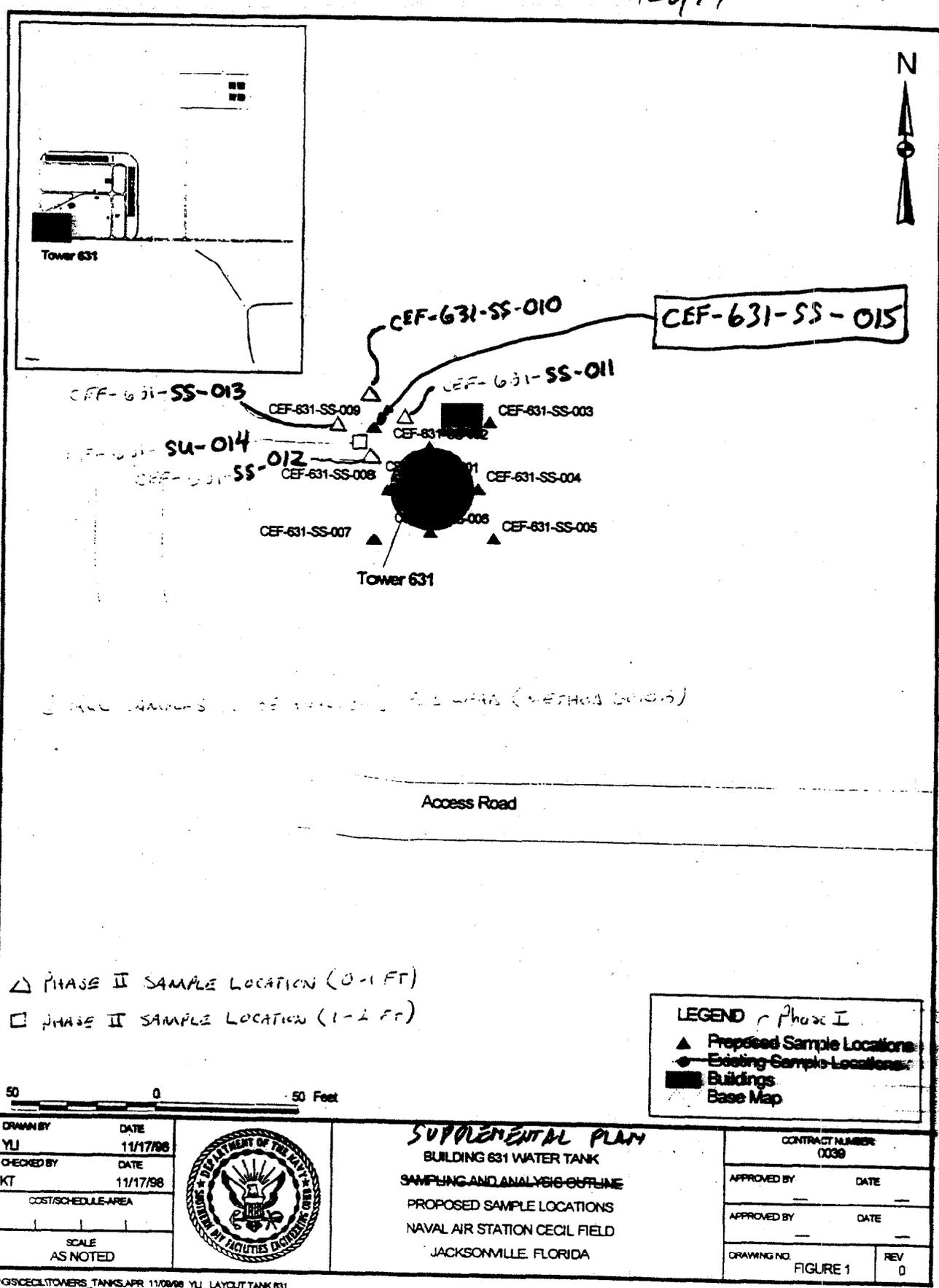
April 28, 1999

Sample No.	Site	Location	Analysis, TCLP, Lead Only
CEF-16A-SS-014	Facility 16A	Near CEF-16A-SS-007, 0-1 feet	X
			X
CEF-631-SS-015	Facility 631	Near CEF-631-SS-002 0-1 feet	X

009

4/1/99
 Revision 1
 January 1999

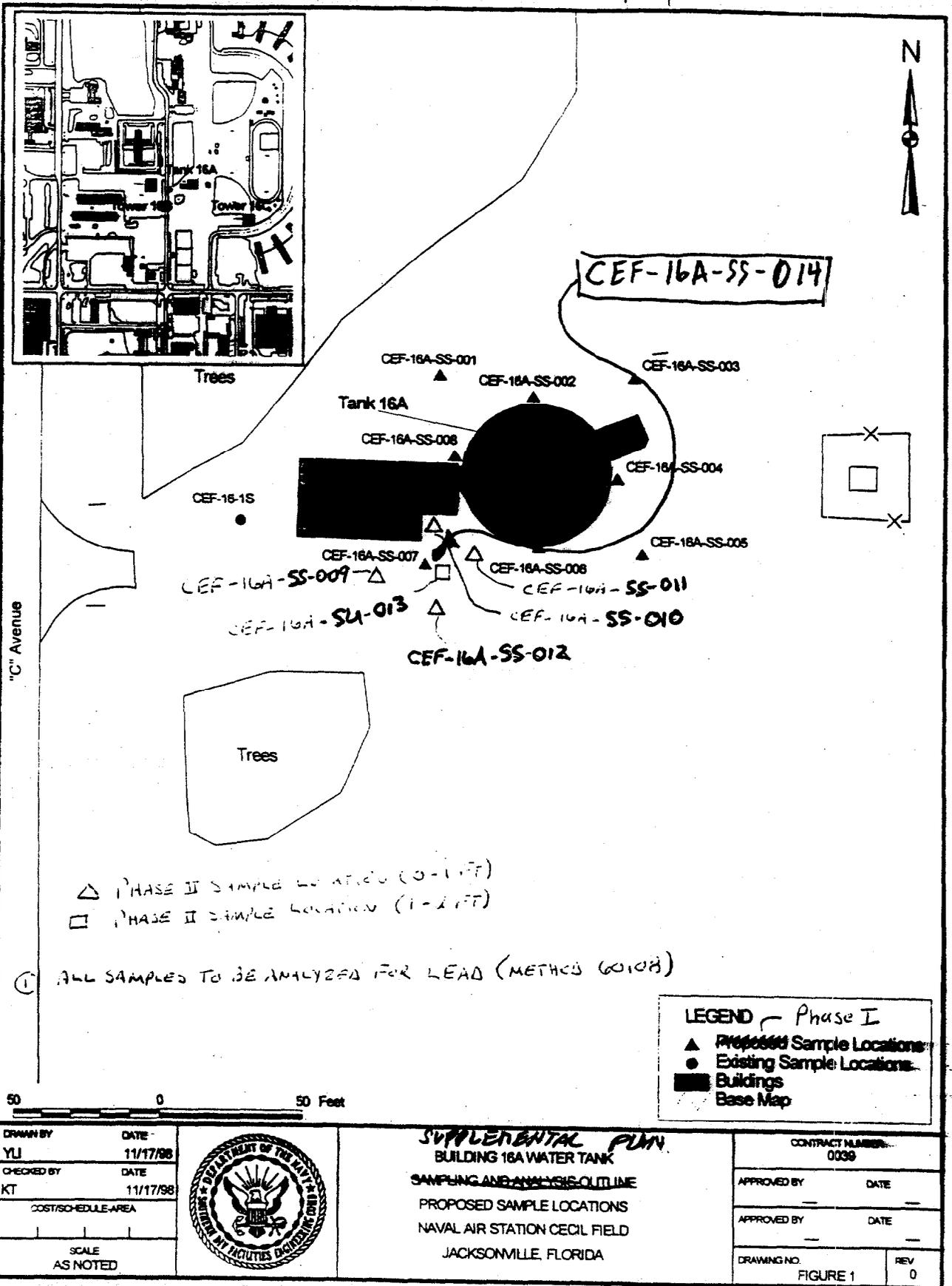
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4/26/99

4/1/99
Revision 1
January 1999



▲ PHASE II SAMPLE LOCATION (0-1 FT)
 □ PHASE II SAMPLE LOCATION (1-2 FT)

① ALL SAMPLES TO BE ANALYZED FOR LEAD (METHOD 60108)

LEGEND - Phase I
 ▲ Proposed Sample Locations
 ● Existing Sample Locations
 ■ Buildings
 - - - Base Map

50 0 50 Feet

DRAWN BY	DATE
YLI	11/17/98
CHECKED BY	DATE
KT	11/17/98
COST/SCHEDULE-AREA	
SCALE AS NOTED	



SUPPLEMENTAL PLAN
 BUILDING 16A WATER TANK
 SAMPLING AND ANALYSIS OUTLINE
 PROPOSED SAMPLE LOCATIONS
 NAVAL AIR STATION CECIL FIELD
 JACKSONVILLE, FLORIDA

CONTRACT NUMBER	
0039	
APPROVED BY	DATE
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APPROVED BY	DATE
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DRAWING NO.	REV
FIGURE 1	0

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