Attachment 4 (reference letter dated 3 Aug 2000 and USACE letter dated 20 July 2000)

20 JULY 2000 ADDITIONS TO THE SAP FOR AREA 30.

INSERTION LOCATION: Insert pages between Table B-l 1-2 and B-l 1-3.

AREA 30 WAS NOT INCLUDED IN THE ORIGINAL INVESTIGATION. THIS WILL SUBSTITUTE AS THE ORIGAL SAP FOR AREA 30:

Because Area 30 was not included in the original Phase II investigation, a SAP does not currently exist. Area 30 was not included in the original scope of the Phase II RI due to previous use of Building 30-l for storage by the current land owner. However, a debris pile west of the building appears to be a relict from decommissioning of AFP-68. An investigation of the debris pile was approved by the USACE in the letter dated 20 July 2000. The investigation shall include the following:

A reconnaissance of the debris pile will be performed to evaluate whether there appears to be debris not associated with the decommissioning of the AFP-68. This evaluation will be qualitative and will be made by assessing the relative age of the material based on weathering, potential dated material, potentially recovered model numbers of debris pile constituents. A photograph log will also be completed for the debris pile. If the age evaluation indicates that the debris is not recently deposited, but may have been deposited during decommissioning of the plant, three sampling locations will be established (see revised Figure B-l l-l).

A direct push rig will be used to collect a surface soil sample (0 to 0.5 ft bgs), a semi-subsurface soil sample (4 to 5 ft bgs), and a subsurface soil sample (near the upper tills, Glaciolacustrine Clay contact). The sample intervals may be changed at the discretion of the field geologist based on possible observations of elevated organic vapor concentrations or soil staining.

The samples will be field screened for total PAHs, total PCBs, TNT, and VOCs in accordance with SOPs established for the Phase II RI. The location exhibiting the highest concentration of constituents, based on the results of the field screening, will be re-sampled for laboratory confirmatory information. During the re-sampling, a surface soil sample (for to aid in evaluation of risk assessment) and the subsurface soil sample, from the interval exhibiting the highest concentrations of constituents, will be submitted to the laboratory for analysis of full suite parameters as listed in Table B-l l-3.

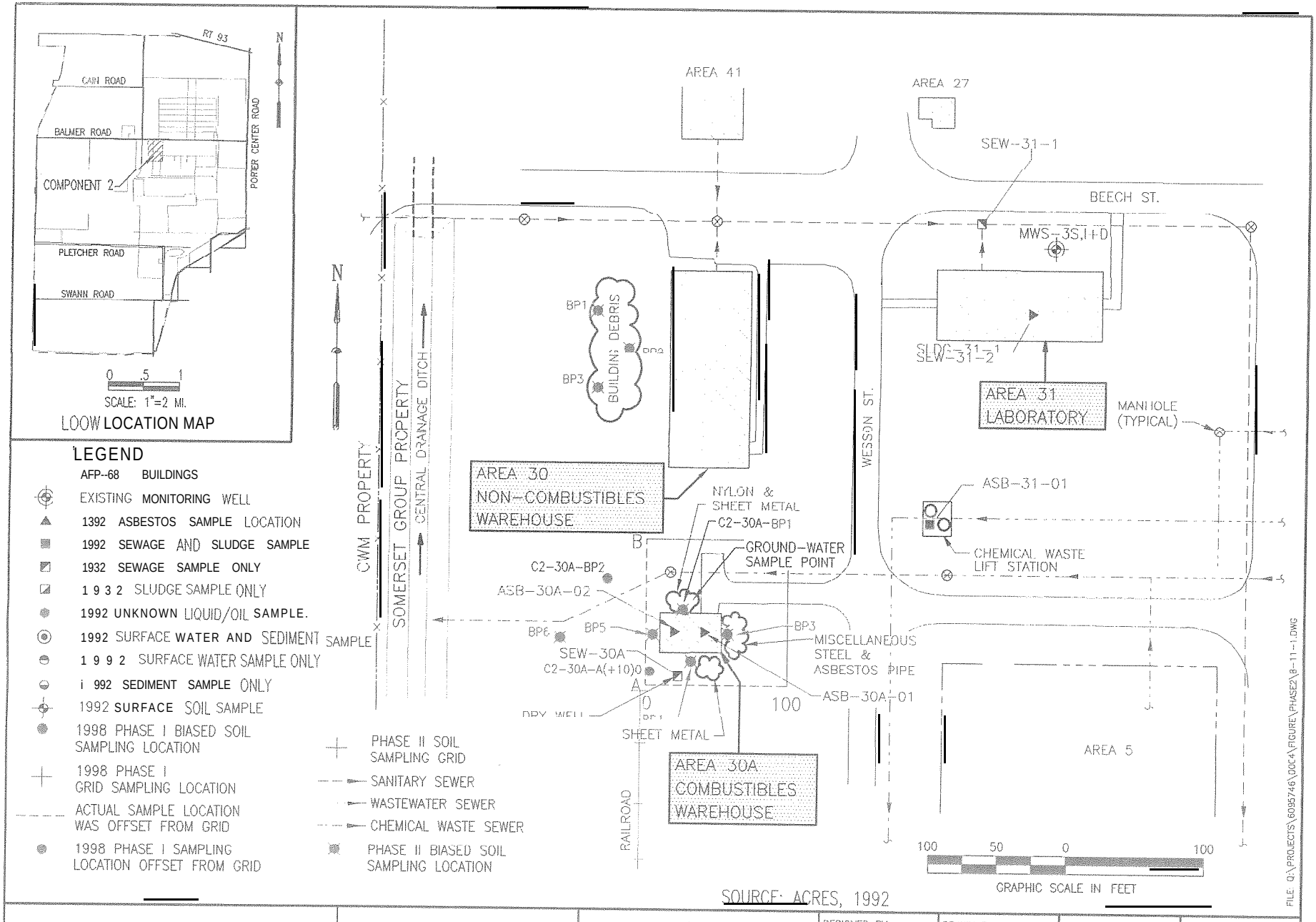
The table below summarizes the sampling plan for the Area 30 debris pile.

Attachment 4, continued

ADDENDUM TO TABLE B-11-2
SUMMARY OF PHASE II SAMPLING LOCATIONS FOR FORMER AFP-68 PROCESS AREA 30

Sampling Location	SOIL (FIELD SCREENING)			SOIL (LABORATORY ANALYSIS)			GROUND WATER	
	Number of Grid Locations	Number of Samples / Location	Field Screening Analysis	Number of Locations	Number of Samples / Location	Analysis	Number of Wells	Analysis
BP1 (north end of debris pile)	None	3* (0 to 0.5 ft, 4 to 5 ft bgs, GLC)	PAHs, TNT, PCBs, VOCs[1]	1 (from the locations exhibiting the highest concentration of constituents)	2 (surface and subsurface)	Full Suite[2]	None	None
BP2 (mid-point of debris pile)	None	3* (0 to 0.5 ft, 4 to 5 ft bgs, GLC)	PAHs, TNT, PCBs, VOCs				None	None
BP3 (south end of debris pile)	None	3* (0 to 0.5 ft, 4 to 5 ft bgs, GLC)	PAHs, TNT, PCBs, VOCs				None	None

[1] PAH by field immunoassay method E4035. TNT by field immunoassay method E4050. PCB by field immunoassay method E4020. VOC by field gas chromatography.
[2] Full Suite full TCL/TAL analysis plus boron, lithium, and explosives.
* Sample interval will be based upon field observation of potential impact from COPC (e.g., staining, elevated organic vapor, historical site use). In the absence of such observations, sample will be collected at the designated depth interval.



EA ENGINEERING, SCIENCE, AND TECHNOLOGY	BASEWIDE RI/FS LAKE ONTARIO ORDNANCE WORKS	COMPONENT 2 (SOMERSET GROUP) PROCESS AREA 30 & 30A, PHASE II SAMPLING LOCATIONS	DESIGNED BY SMS	DRAWN BY FDV	DATE AUGUST 2000	PROJECT NO. 60957.46
			CHECKED BY SMS	PROJECT MGR. HGP	SCALE AS SHOWN	FIGURE B-11-1

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Attachment 5 (reference letter dated 3 Aug 2000 and USACE letter dated 20 July 2000)

20 JULY 2000 ADDITIONS TO THE SAP FOR THE BACKGROUND SAMPLING

INSERTION LOCATION: Insert before Table B-l 4- 1.

CHANGES TO ORIGINAL, SAP:

Due to the prevalence of PAHs across the LOOW site, PAH analysis has been added to the proposed background samples.

Table B-14-1 is hereby amended to include 15 surface soil samples and 15 subsurface soil samples for analysis of PAHs by method E4035 (field screening) and method SW846 83 10. Therefore, those samples already proposed for collection and analysis of metals and total organic carbon will also be analyzed for PAHs.

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