Dioxin нсв Arsenic Perchlorate **OCPs** Asbestos 2,700 ppt 1.77 mg/kg 795 mg/kg >5 chrysotile 1.2 mg/kg Sampling Sample Comments **Boring ID** (site specific) 1 amphibole Location Depths EPA 8290 EPA 8270C EPA 6020 EPA 314.0 EPA 8081A EPA 540-R-97-028 SSAI3-02 0-2" The 4-6" asbestos to be analyzed if 0-2" is above Surficial Х Hold Asbestos 4-6" comparison criteria. Within Berm 1-2' 0.44 < 0.031 Х Х Х Bottom of berm approximately 15 feet bgs. Collect Х Х Х 5-6' Х Х samples at 1, 5, 8, 11 and 14 feet within berm. One foot 8-9' Х Х Х Х Х samples for dioxin and HCB already exist. Х Х Х Х 11-12' Х 14-15' Х Х Х Х Х **Below Base** 15-16' Х Х Adjacent area to east to be excavated to 10 feet bgs and of Berm 19-20' Х Х to west to 4 feet bgs. Sample at base of berm and 4 and 25-26' Х Х 10 feet below base of berm. SSAI3-03 Surficial 0-2" Х The 4-6" asbestos to be analyzed if 0-2" is above Asbestos 4-6" Hold comparison criteria. 1-2' 0.53 < 0.031 Х Х Bottom of berm approximately 15 feet bgs. Collect Within Berm Х Х Х Х samples at 1, 5, 8, 11 and 14 feet within berm. One foot 5-6' Х Х 8-9' Х Х Х Х Х samples for dioxin and HCB already exist. 11-12' Х Х Х Х Х 14-15' Х Х Х Х Х Х Х Below Base 15-16' Adjacent area to east to be excavated to 8 feet bgs and to of Berm 23-24' Х Х west to 10 feet bgs. Sample at base of berm and 8 and 25-26' Х Х 10 feet below base of berm. SSAI3-04 Surficial 0-2" Х The 4-6" asbestos to be analyzed if 0-2" is above 4-6" Hold Asbestos comparison criteria. Within Berm OCPs<BCL Bottom of berm approximately 15 feet bgs. Collect 1-2' 22 0.31 J Х Х OCPs<BCL samples at 1, 5, 8, 11 and 14 feet within berm. One foot 3-4' Х OCPs<BCL samples for dioxin and HCB already exist. OCPs exist at 5-6' Х Х Х 7-8' OCPs<BCL 1, 3, 5, 7, 9. Collect one additional sample for OCPs at 14'. 8-9' Х Х Х Х 9-10' OCPs<BCL 11-12' Х Х Х Х Х 14-15' Х Х Х Х 15-16' Х Х Adjacent area to east to be excavated to 8 feet bgs and to Below Base west to 10 feet bgs. Sample at base of berm and 8 and of Berm 23-24' Х Х х 25-26' Х 10 feet below base of berm.

 TABLE 1

 Sampling Plan for Former TEP Berm

Boring ID	Sampling Location	Sample Depths	Dioxin 2,700 ppt (site specific)	HCB 1.2 mg/kg	Arsenic 1.77 mg/kg	Perchlorate 795 mg/kg	OCPs	Asbestos >5 chrysotile 1 amphibole	Comments
			EPA 8290	EPA 8270C	EPA 6020	EPA 314.0	EPA 8081A	EPA 540-R-97-028	
SSAJ3-02	Surficial	0-2"						Х	The 4-6" asbestos to be analyzed if 0-2" is above
	Asbestos	4-6"						Hold	comparison criteria.
	Within Berm	1-2'	2.8	<0.032	3.7	1.8	Х		Bottom of berm approximately 16 feet bgs. Collect
		5-6'	Х	Х	3.7	2.2	Х		samples at 1, 5, 8, 12 and 15 feet within berm. One foot
		8-9'	Х	Х	Х	Х	Х		samples for dioxin and HCB already exist. One foot and
		12-13'	Х	Х	Х	Х	Х		five foot samples for arsenic and perchlorate already
		15-16'	Х	Х	Х	Х	Х		exist.
	Below Base	16-17	Х	Х					Adjacent area to east to be excavated to 8 feet bgs and to
	of Berm	19-20'	Х	Х					west to 10 feet bgs. Sample at base of berm and 8 and
									10 feet below base of berm.
SSAJ3-05	Surficial	0-2"						Х	The 4-6" asbestos to be analyzed if 0-2" is above
	Asbestos	4-6"						Hold	comparison criteria.
	Within Berm	1-2'	Х	Х	Х	Х	Х		Bottom of berm approximately 17 feet bgs. Collect
		5-6'	Х	Х	Х	Х	Х		samples at 1, 5, 8, 12 and 16 feet within berm. Adjacent
		8-9'	Х	Х	Х	Х	Х		areas to east and west require no excavation; therefore,
		12-13'	Х	Х	Х	Х	Х		sampling below berm not necessary.
		16-17	X	X	X	X	X		

TABLE 1 Sampling Plan for Former TEP Berm

Notes:

Existing sample results shown in blue font

X - collect and analyze soil sample from this depth $bgs\,$ - below ground surface

HCB - hexachlorobenzene

J - estimated results

mg/kg - milligrams per kilogram

OCPs - organochlorine pesticides

ppt - parts per trillion

TEP - trade effluent pond

USEPA - United Staes Environmental Protection Agency