	Sampla			Quality Control	
	Sample	A	0		0.1
Sampling Event	Туре	Analysis	Quantity	Samples	Subtotal
Soil Sampling					
Confirmation soil sampling ¹	Soil	VOCs	5	1 dup, 1 TB, 1 EB	8
VEW installation event ²	Soil	VOCs	12	1 dup, 2 TB, 1 EB	16
		metals	12	2 dup, 1 EB	15
		physical	10	none	10
April 2000 resampling	Soil	VOCs	12	3 dup	15
		metals	12	3 dup	15
January 1997 System Check					
Exhaust emissions, initial ³	air	TO-14	1	None	1
Sample flow lines ⁴	Soil gas	TO-14	4	None	4
Hydrocarbon recovery test ⁵	Soil gas	TO-14RSK	64	1 dup1 dup	75
		175			
Multiple Configuration Test					
Exhaust emissions, 1st test ⁶	air	TO-14	7	1 dup	8
Exhaust emissions, 2 nd test ⁶	air	TO-14	6	1 dup	7
Exhaust emissions, 3rd test ⁷	air	TO-14	6	1 dup	7
Waste Disposal					
Characterize generated waste ⁸	IDW	TCLP	1	None	1
1 Confirmation soil complex collected at some depth and from borings located within 4 fact of the spring 1006 SVE soil					

Table 3.31997 Treatability Study Sampling Summary SWMU B-3Camp Stanley Storage Activity, Texas

Confirmation soil samples collected at same depth and from borings located within 4 feet of the spring 1996 SVE soil borings [VEW-01(14-15), VEW-02(13-14), MPA(14-15), MPD(14-15), and VEW-01(9-11)].

During installation of 12 VEWs and the rework sampling effort, one sample was be collected from each soil boring drilled for construction of each VEW for VOCs and metals analysis. Ten samples were collected for physical testing. Sample depths were determined in the field.

³ Prior to shutting down extraction of the initial four-VEW SVE system, one sample was collected from the blower exhaust for comparison to emission samples collected when extraction was initiated in Spring 1996.

- Prior to shutting down extraction of the initial VEW SVE system, one soil gas sample was collected directly from each of four individual VEW flow lines to assess the VOCs being removed from each of the VEWs manifolded to the blower.
- ⁵ After shutting the blower system down, samples were collected to assess the rate of volatilization in a contaminated portion of the SWMU B-3 trench, and to monitor the generation of biological intermediary breakdown products.

6 After reinitiating extraction for performance of the first and second multiple configuration test, air emissions samples were collected after approximately 30 minutes, 6 hours, 24 hours, 2 days, 4 days, and 14 days, of continuous blower operation.

⁷ After reinitiating extraction for performance of the third configuration test, air emissions samples were collected at the same schedule as the first test, but were continued through the 28th day of continuous extraction.

⁸ One composite sample of soil cuttings was collected from drums generated during pilot test and expanded system operation and tested by TCLP analysis. The sample was composited from four drums that contained cuttings from soil borings that soil data indicated may be hazardous.