

APPENDIX B

SUMMARY OF PROPOSED VERSUS ACTUAL WORK CONDUCTED AT SWMUs 13 AND 17

SEC Donohue Field Sampling Variance Table
TEAD-S RCRA Facility Investigation Phase II Task Order 0001 (1991)
SAMPLES: 13BG-(01-08)

Sample Identification	Sampling Date	Sample Depth (feet)		Metals Soils	TOC Soils	pH (lab) Soils	Moisture Content Soils	Grain Size Soils	Bulk Density Soils	Archive Soil
		Proposed	Collected	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*

*NOTE: P/S = Proposed sample / Collected Sample
 NP = Not proposed
 NA = Not applicable

SWMU 13 Background borings

B-3

13BG-01-1	07/23/91	0-1	0-1	1/1	1/1	1/1				
13BG-01-2	07/23/91	4-5	4-5	1/1	1/1	1/1				
13BG-01-3	07/23/91	NP	9-10	0/1	0/1	0/1				
13BG-02-1	05/19/91	0-1	NA	1/0	1/0	1/0				
13BG-02-2	05/19/91	4-5	NA	1/0	1/0	1/0				
13BG-03-1	DELETED	0-1	NA	1/0	1/0	1/0				
13BG-03-2	DELETED	4-5	NA	1/0	1/0	1/0				
13BG-04-1	06/01/91	0-1	9-10	1/1	1/1	1/1	1/1	1/1	1/1	
13BG-04-2	06/01/91	4-5	14-16	1/1	1/1	1/1				
13BG-05-1	05/21/91	N/P	0-1	0/1	0/1	0/1				
13BG-05-2	05/21/91	N/P	4-5	0/1	0/1	0/1				
13BG-05-3	05/21/91	N/P	5-6	0/1	0/1	0/1				
13BG-05-4	05/21/91	N/P	7-8	0/1	0/1	0/1				
13BG-05-5	05/21/91	N/P	9-10	0/1	0/1	0/1				
13BG-06-1	06/19/91	N/P	4-6							0/1
13BG-06-2	06/19/91	N/P	9-12							0/1
13BG-06-3	06/19/91	N/P	14-16							0/1
13BG-06-4	06/19/91	N/P	19-21							0/1
13BG-06-5	06/19/91	N/P	24-26							0/1
13BG-06-6	06/19/91	N/P	29-31							0/1
13BG-06-7	06/19/91	N/P	44-46							0/1
13BG-07-1	06/22/91	N/P	0-2							0/1
13BG-07-2	06/22/91	N/P	4-5							0/1
13BG-07-3	06/22/91	N/P	9-11							0/1
13BG-07-4	06/22/91	N/P	14-16							0/1

SEC Donohue Field Sampling Variance Table
TEAD-S RCRA Facility Investigation Phase II Task Order 0001 (1991)
SAMPLES: 13BG-(01-08)

Sample Identification	Sampling Date	Sample Depth (feet)		Metals Soils	TOC Soils	pH (lab) Soils	Moisture Content Soils	Grain Size Soils	Bulk Density Soils	Archive Soil
		Proposed	Collected	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*
13BG-07-5	06/22/91	N/P	19-20							0/1
13BG-07-6	06/22/91	N/P	29-31							0/1
13BG-07-7	06/22/91	N/P	34-36							0/1
13BG-07-8	06/22/91	N/P	39-41							0/1
13BG-07-9	06/22/91	N/P	44-46							0/1
13BG-08-1	06/23/91	N/P	0-1	0/1	0/1	0/1				
13BG-08-2	06/23/91	N/P	4-6	0/1	0/1	0/1				
TOTAL 13BG SAMPLES				0/12	0/12	0/12	1/12	1/12	0/12	0/12

*NOTE: P/S = Proposed sample / Collected Sample
 NP = Not proposed
 NA = Not applicable

B-4

SEC Donohue Field Sampling Variance table
TEAD-S RCRA Facility Investigation Phase II Task Order 0001 (1991)
Samples: SOIL GAS and 133X-(1-10)

Sample Identification	Sampling Date	Sampling Depth (feet)		Metals Soils	Metals TCLP Soils	Moisture Content Soils	Grain Size Soils	Bulk Density Soils	BTEX Soils	TCE CCL4 CH2CL2 Soils
		Proposed	Collected	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*

* NOTE: P/S = Proposed sample / Collected Sample

Soil Gas

Well point installations	Dec. 1990 March 1991	0-6	0-6						121 / 112	29 / 112
--------------------------	-------------------------	-----	-----	--	--	--	--	--	-----------	----------

Soil

B-5 3 X Yard

133X-01-1	05/03/91	0-1	1-2	1 / 1						
133X-01-2	05/03/91	1-2	3-4	1 / 1		1 / 1	1 / 1	1 / 1		
133X-01-3	05/03/91	2-3	9-10	1 / 1						
133X-02-1	05/03/91	0-1	1-2	1 / 1						
133X-02-2	05/03/91	1-2	4-5	1 / 1	1 / 1					
133X-02-3	05/03/91	2-3	9-10	1 / 1						
				1 / 1						
133X-03-1	05/03/91	0-1	1-2	1 / 1						
133X-03-2	05/03/91	1-2	4-5	1 / 1						
133X-03-3	05/03/91	2-3	9-10	1 / 1						
				1 / 1						
133X-04-1	05/02/91	0-1	1-2	1 / 1						
133X-04-2	05/02/91	1-2	4-5	1 / 1						
133X-04-3	05/02/91	2-3	9-10	1 / 1						
				1 / 1						
133X-05-1	05/02/91	0-1	1-2	1 / 1						
133X-05-2	05/02/91	1-2	4-5	1 / 1						
133X-05-3	05/02/91	2-3	9-10	1 / 1						
				1 / 1						
133X-06-1	05/02/91	0-1	1-2	1 / 1						
133X-06-2	05/02/91	1-2	4-5	1 / 1						
133X-06-3	05/02/91	2-3	9-10	1 / 1						

SEC Donohue Field Sampling Variance table
TEAD-S RCRA Facility Investigation Phase II Task Order 0001 (1991)
Samples: SOIL GAS and 133X-(1-10)

Sample Identification	Sampling Date	Sampling Depth (feet)		Metals Soils P/S*	Metals TCLP Soils P/S*	Moisture Content Soils P/S*	Grain Size Soils P/S*	Bulk Density Soils P/S*	BTEX Soils P/S*	TCE CCL4 CH2CL2 Soils P/S*
		Proposed	Collected							
				1 / 1						
133X-07-1	05/02/91	0-1	1-2	1 / 1						
133X-07-2	05/02/91	1-2	4-5	1 / 1						
133X-07-3	05/02/91	2-3	9-10	1 / 1						
				1 / 1						
133X-08-1	05/03/91	0-1	1-2	1 / 1						
133X-08-2	05/03/91	1-2	4-5	1 / 1						
133X-08-3	05/03/91	2-3	9-10	1 / 1						
133X-09-1	05/03/91	NP	0-.5	0 / 1						
133X-10-1	05/03/91	NP	0-.5	0 / 1						
TOTAL 133X YARD				24 / 26	1 / 1	1 / 1	1 / 1	1 / 1		
TOTAL SOIL GAS & 133X YARD SAMPLES				24 / 26	1 / 1	1 / 1	1 / 1	1 / 1	121 / 112	29 / 112

B-6

NOTE: A field decision was made to deepen the sampling intervals for the borings at the 133X metal site. The intervals were changed from the range of 0 to 1, 1 to 2, and 2 to 3 feet, to the range of 1 to 2, 4 to 5, and 9 to 10 feet. This change to analyze the deeper sampling intervals was made to better define the extent of the potential vertical contamination at the site.

SEC Donohue Field Sampling Variance Table
 TEAD-S RCRA Facility Investigation Phase II task 0001 1991
 SAMPLES: 13BB-(1-18)

Sample Identification	Sampling Date	Sample Depth (feet)		TPH Soil P/S*	TOC Soil P/S*	pH (lab) Soil P/S*	Moisture Content Soil P/S*	Grain Size Soil P/S*	Bulk Density Soil P/S*
		Proposed	Collected						

*NOTE: P/S = Proposed Sample / Collected Sample
 NP = Not proposed
 NA = Not applicable

Boiler Blowdown Ditch and Pond

13BB-01-1	DELETED	0-1	NA	1 / 0
13BB-01-2	DELETED	4-5	NA	1 / 0
13BB-01-3	DELETED	9-10	NA	1 / 0
13BB-02-1	DELETED	0-1	NA	1 / 0
13BB-02-2	DELETED	4-5	NA	1 / 0
13BB-02-3	DELETED	9-10	NA	1 / 0
13BB-03-1	DELETED	0-1	NA	1 / 0
13BB-03-2	DELETED	4-5	NA	1 / 0
13BB-03-3	DELETED	9-10	NA	1 / 0
13BB-04-1	DELETED	0-1	NA	1 / 0
13BB-04-2	DELETED	4-5	NA	1 / 0
13BB-04-3	DELETED	9-10	NA	1 / 0
13BB-05-1	07/22/91	0-1	0-1	1 / 1
13BB-05-2	07/22/91	4-5	4-5	1 / 1
13BB-05-3	07/22/91	9-10	9-10	1 / 1
13BB-06-1	07/22/91	0-1	0-1	1 / 1
13BB-06-2	07/22/91	4-5	4-5	1 / 1
13BB-06-3	07/22/91	9-10	9-10	1 / 1
13BB-07-1	07/22/91	0-1	0-1	1 / 1

SEC Donohue Field Sampling Variance Table
TEAD-S RCRA Facility Investigation Phase II task 0001 1991
SAMPLES: 13BB-(1-18)

Sample Identification	Sampling Date	Sample Depth (feet)		TPH Soil P/S*	TOC Soil P/S*	pH (lab) Soil P/S*	Moisture Content Soil P/S*	Grain Size Soil P/S*	Bulk Density Soil P/S*
		Proposed	Collected						

*NOTE: P/S = Proposed Sample / Collected Sample
 NP = Not proposed
 NA = Not applicable

B-8

13BB-07-2	07/22/91	4-5	4-6	1/1	1/1	1/1	1/1	1/1	1/1
13BB-07-3	07/22/91	9-10	9-10	1/1					
13BB-08-1	07/22/91	0-1	0-1	1/1					
13BB-08-2	07/22/91	4-5	4-5	1/1					
13BB-08-3	07/22/91	9-10	9-10	1/1					
13BB-09-1	07/16/91	0-1	0-1	1/1					
13BB-09-2	07/16/91	4-5	4-5	1/1					
13BB-09-3	07/16/91	9-10	9-10	1/1					
13BB-10-1	07/16/91	0-1	1.5-2.5	1/1					
13BB-10-2	07/16/91	4-5	5.5-6.5	1/1					
13BB-10-3	07/16/91	9-10	9.5-10.5	1/1					
13BB-11-1	07/16/91	0-1	0-1	1/1					
13BB-11-2	07/16/91	4-5	4-5	1/1					
13BB-11-3	07/16/91	9-10	9-10	1/1					
13BB-12-1	07/16/91	0-1	1.5-2.5	1/1					
13BB-12-2	07/16/91	4-5	5.5-6.5	1/1					
13BB-12-3	07/16/91	9-10	9.5-10.5	1/1					
13BB-13-1	07/15/91	0-1	2-3	1/1					
13BB-13-1	07/15/91	4-5	6-7	1/1					
13BB-13-1	07/15/91	9-10	10-11	1/1					

SEC Donohue Field Sampling Variance Table
 TEAD-S RCRA Facility Investigation Phase II task 0001 1991
 SAMPLES: 13BB-(1-18)

Sample Identification	Sampling Date	Sample Depth (feet)		TPH	TOC	pH (lab)	Moisture Content	Grain Size	Bulk Density
		Proposed	Collected	Soil P/S*	Soil P/S*	Soil P/S*	Soil P/S*	Soil P/S*	Soil P/S*

*NOTE: P/S = Proposed Sample / Collected Sample
 NP = Not proposed
 NA = Not applicable

B-9

13BB-14-1	07/16/91	0-1	0-1	1 / 1					
13BB-14-2	07/16/91	4-5	4-5	1 / 1					
13BB-14-3	07/16/91	9-10	9-10	1 / 1					
13BB-15-1	07/15/91	0-1	2.5-3.5	1 / 1					
13BB-15-2	07/15/91	4-5	6.5-7.5	1 / 1					
13BB-15-3	07/15/91	9-10	10.5-11.5	1 / 1					
13BB-16-1	07/14/91	0-1	2-3	1 / 1					
13BB-16-2	07/14/91	4-5	6-7	1 / 1					
13BB-16-3	07/14/91	9-10	10-11	1 / 1					
13BB-17-1	07/14/91	0-1	0-1	1 / 1					
13BB-17-2	07/14/91	4-5	4-5	1 / 1					
13BB-17-3	07/14/91	9-10	9-10	1 / 1					
13BB-18-1	07/15/91	0-1	2-3	1 / 1					
13BB-18-2	07/15/91	4-5	6-7	1 / 1					
13BB-18-3	07/15/91	9-10	10-11	1 / 1					
TOTAL 13BB SAMPLES				53 / 42	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1

**SEC Donohue Field Sampling Variance Table
 TEAD-S RCRA Facility Investigation Phase II Task Order 0001 (1991)
 SAMPLES: 13CU-01**

Sample Identification	Sampling Date	Sample Depth (Feet)		VOC Soil	S-VOC Soil	Agent Breakdown Products Soil	Metals Soil	Anions Soil	pH (lab) Soil
		Proposed	Collected	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*

* NOTE: P/S = Proposed Sample / Collected Sample

Chemical Unload

13CU-01-1	07/23/91	0-1	0-2	1/1	1/1	0/1	1/1	1/1	1/1
13CU-01-2	07/23/91	4-5	4-6	1/1	1/1	0/1	1/1	1/1	1/1
13CU-01-3	07/23/91	9-10	8-9.5	1/1	1/1	0/1	1/1	1/1	1/1

B-10

SEC Donohue Field Sampling Variance Table
TEAD-8 RCRA Facility Investigation Phase II Task Order 0001 (1991)
SAMPLES: 13DD-(01-09)

Sample Identification	Sampling Date	Sample Depth (Feet)		VOC Soil	S-VOC Soil	Agent Breakdown Products Soil	Explosives Soil	TPH Soil	Metals Soil	Anions Soil	pH (lab) Soil	Moisture Content Soil	Grain Size Soil	Bulk Density Soil
		Proposed	Collected	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*
Southeast Drainage Ditch														
13DD-01-1	07/24/91	0-1	0-2	1/1	1/1	1/1	1/1	1/1	1/1	1/1				
13DD-01-2	07/24/91	4-5	4-5	1/1	1/1	1/1	1/1	1/1	1/1	1/1				
13DD-01-3	07/24/91	9-10	8-10	1/1	1/1	1/1	1/1	1/1	1/1	1/1				
13DD-02-01	07/24/91	0-1	3-4	1/1	1/1	1/1	1/1	1/1	1/1	1/1				
13DD-02-02	07/24/91	4-5	7-9	1/1	1/1	1/1	1/1	1/1	1/1	1/1				
13DD-02-03	07/24/91	9-10	12-13	1/1	1/1	1/1	1/1	1/1	1/1	1/1				
13DD-03-01	07/24/91	0-1	4-6	1/1	1/1	1/1	1/1	1/1	1/1	1/1				
13DD-03-02	07/24/91	4-5	8-10	1/1	1/1	1/1	1/1	1/1	1/1	1/1				
13DD-03-03	07/24/91	9-10	12-14	1/1	1/1	1/1	1/1	1/1	1/1	1/1				
13DD-04-01	07/25/91	0-1	2-4	1/1	1/1	1/1	1/1	1/1	1/1	1/1				
13DD-04-02	07/25/91	4-5	6-8	1/1	1/1	1/1	1/1	1/1	1/1	1/1				
13DD-04-03	07/25/91	9-10	10-12	1/1	1/1	1/1	1/1	1/1	1/1	1/1				
13DD-05-01	07/25/91	0-1	0-2	1/1	1/1	1/1	1/1	1/1	1/1	1/1				
13DD-05-02	07/25/91	4-5	4-5	1/1	1/1	1/1	1/1	1/1	1/1	1/1				
13DD-05-03	07/25/91	9-10	8-10	1/1	1/1	1/1	1/1	1/1	1/1	1/1				
13DD-06-01	07/25/91	0-1	2-4	1/1	1/1	1/1	1/1	1/1	1/1	1/1	0/1	0/1	0/1	0/1
13DD-06-02	07/25/91	4-5	6-8	1/1	1/1	1/1	1/1	1/1	1/1	1/1				
13DD-06-03	07/25/91	9-10	10-12	1/1	1/1	1/1	1/1	1/1	1/1	1/1				
13DD-07-1	DELETED	0-1	NA	1/0	1/0	1/0	1/0	1/0	1/0	1/0				
13DD-07-2	DELETED	4-5	NA	1/0	1/0	1/0	1/0	1/0	1/0	1/0				
13DD-07-3	DELETED	9-10	NA	1/0	1/0	1/0	1/0	1/0	1/0	1/0				
13DD-08-1	DELETED	0-1	NA	1/0	1/0	1/0	1/0	1/0	1/0	1/0				
13DD-08-2	DELETED	4-5	NA	1/0	1/0	1/0	1/0	1/0	1/0	1/0				
13DD-08-3	DELETED	9-10	NA	1/0	1/0	1/0	1/0	1/0	1/0	1/0				
13DD-09-1	DELETED	0-1	NA	1/0	1/0	1/0	1/0	1/0	1/0	1/0				
13DD-09-2	DELETED	4-5	NA	1/0	1/0	1/0	1/0	1/0	1/0	1/0				
13DD-09-3	DELETED	9-10	NA	1/0	1/0	1/0	1/0	1/0	1/0	1/0				
TOTAL FIELD SAMPLES				27/30	27/30	27/30	27/30	27/30	27/30	27/30	0/3	0/3	0/3	0/3

B-11

SEC Donohue Field Sampling Variance Table
TEAD-S RCRA Facility Investigation Phase II Task Order 0001 (1991)
SAMPLES: 13FS-(01-26)

Sample Identification	Sampling Date	Sample Depth (Feet)		VOC Soil	S-VOC Soil	TPH Soil	TOC Soil	pH (lab) Soil	Moisture Content Soil	Grain Size Soil	Bulk Density Soil	UV Field Soil
		Proposed	Collected	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*

*NOTE: P/S = Proposed Sample / Collected Sample

Fuel Spill

13FS-01-1	05/05/91	0-1	1-2			1/1						2/2
13FS-01-2	05/05/91	4-5	4-5			1/1						2/2
13FS-01-3	05/05/91	8-9	8-9			1/1						2/2
13FS-01-4	05/05/91	9-10	9-10			1/1						2/2
13FS-02-1	05/05/91	0-1	1-2			1/1						2/2
13FS-02-2	05/05/91	4-5	4-5			1/1						2/2
13FS-02-3	05/05/91	8-9	8-9			1/1						2/2
13FS-02-4	05/05/91	9-10	9-10		0/1	1/1						2/2
13FS-03-1	05/05/91	0-1	1-2			1/1						2/2
13FS-03-2	05/05/91	4-5	4-5			1/1						2/2
13FS-03-3	05/05/91	8-9	8-9		0/1	1/1						2/2
13FS-03-4	05/05/91	9-10	9-10		0/1	1/1						2/2
13FS-04-1	05/05/91	0-1	1-2			1/1						2/2
13FS-04-2	05/05/91	4-5	4-5			1/1						2/2
13FS-04-3	05/05/91	8-9	8-9	0/1	0/1	1/1						2/2
13FS-04-4	05/05/91	9-10	9-10	0/0	0/0	1/1						2/2
13FS-05-1	05/04/91	0-1	1-2			1/1						2/2
13FS-05-2	05/04/91	4-5	4-5			1/1						2/2
13FS-05-3	05/04/91	8-9	8-9	0/1	0/1	1/1						2/2
13FS-05-4	05/04/91	9-10	9-10	0/1	0/1	1/1						2/2
13FS-06-1	05/03/92	0-1	1-2			1/1						2/2
13FS-06-2	05/03/92	4-5	4-5			1/1						2/2
13FS-06-3	05/03/92	8-9	8-8.3			1/1						2/2
13FS-06-4	05/03/92	9-10	10-11			1/1						2/2
13FS-07-1	05/04/91	0-1	1-2			1/1						2/2
13FS-07-2	05/04/91	4-5	4-5			1/1						2/2
13FS-07-3	05/04/91	8-9	8-10			1/1						2/2
13FS-07-4	05/04/91	9-10	NR			1/0						2/2
13FS-08-1	05/03/92	0-1	1-2			1/1						2/2
13FS-08-2	05/03/92	4-5	4-5			1/1						2/2

B-12

SEC Donohue Field Sampling Variance Table
TEAD-S RCRA Facility Investigation Phase II Task Order 0001 (1991)
SAMPLES: 13FS-(01-26)

Sample Identification	Sampling Date	Sample Depth (Feet)		VOC Soil	S-VOC Soil	TPH Soil	TOC Soil	pH (lab) Soil	Moisture Content Soil	Grain Size Soil	Bulk Density Soil	UV Field Soil
		Proposed	Collected	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*

*NOTE: P/S = Proposed Sample / Collected Sample

13FS-08-3	05/03/92	8-9	8-9			1/1						2/2
13FS-08-4	05/03/92	9-10	9-10			1/1						2/2
13FS-09-1	05/05/91	0-1	1-2			1/1						2/2
13FS-09-2	05/05/91	4-5	4-5			1/1						2/2
13FS-09-3	05/05/91	8-9	8-9			1/1						2/2
13FS-09-4	05/05/91	9-10	9-10			1/1						2/2
13FS-10-1	07/14/91	0-1	1.5-2.5	0/0	0/0	1/1						2/2
13FS-10-2	07/14/91	4-5	4-5	0/0	0/0	1/1						2/2
13FS-10-3	07/14/91	8-9	8-9	0/1	0/1	1/1						2/2
13FS-10-4	07/14/91	9-10	9-10	0/1	0/1	1/1						2/2
13FS-11-1	DELETED	0-1	1-2			1/0						2/0
13FS-11-2	DELETED	4-5	NA			1/0						2/0
13FS-11-3	DELETED	8-9	NA			1/0						2/0
13FS-11-4	DELETED	9-10	NA			1/0						2/0
13FS-12-1	05/07/91	0-1	2-3			1/1						2/0
13FS-12-2	05/07/91	4-5	4-5			1/1						2/0
13FS-12-3	05/07/91	8-9	8-9	0/1	0/1	1/1						2/0
13FS-12-4	05/07/91	9-10	9-10	0/1	0/1	1/1						2/0
13FS-13-1	05/07/91	0-1	2-3			1/1						2/2
13FS-13-2	05/07/91	4-5	4-5			1/1						2/2
13FS-13-3	05/07/91	8-9	8-9			1/1						2/2
13FS-13-4	05/07/91	9-10	9-10			1/1						2/2
13FS-14-1	05/07/91	0-1	2-3			1/1						2/2
13FS-14-2	05/07/91	4-5	4-5			1/1						2/2
13FS-14-3	05/07/91	8-9	8-9	0/1	0/1	1/1						2/2
13FS-14-4	05/07/91	9-10	9-10	0/1	0/1	1/1						2/2
13FS-15-1	05/07/91	0-1	1-2			1/1						2/2
13FS-15-2	05/07/91	4-5	4-5			1/1						2/2
13FS-15-3	05/07/91	8-9	8-9	0/1	0/1	1/1						2/2
13FS-15-4	05/07/91	9-10	9-10	0/1	0/1	1/1						2/2
13FS-16-1	DELETED	0-1	1-2									2/0

SEC Donohue Field Sampling Variance Table
TEAD-S RCRA Facility Investigation Phase II Task Order 0001 (1991)
SAMPLES: 13FS-(01-26)

Sample Identification	Sampling Date	Sample Depth (Feet)		VOC Soil	S-VOC Soil	TPH Soil	TOC Soil	pH (lab) Soil	Moisture Content Soil	Grain Size Soil	Bulk Density Soil	UV Field Soil
		Proposed	Collected	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*

*NOTE: P/S = Proposed Sample / Collected Sample

B-14

13FS-16-2	DELETED	4-5	4-5									2/0
13FS-16-3	DELETED	8-9	8-9									2/0
13FS-16-4	DELETED	9-10	9-10									2/0
13FS-17-1	DELETED	0-1	1-2									2/0
13FS-17-2	DELETED	4-5	4-5									2/0
13FS-17-3	DELETED	8-9	8-9									2/0
13FS-17-4	DELETED	9-10	9-10									2/0
13FS-18-1	05/06/91	0-1	1-2			1/1						2/2
13FS-18-2	05/06/91	4-5	4-5			1/1						2/2
13FS-18-3	05/06/91	8-9	8-9	0/1	0/1	1/1						2/2
13FS-18-4	05/06/91	9-10	9-10	0/1	0/1	1/1						2/2
13FS-19-1	05/06/91	0-1	1-2			1/1						2/2
13FS-19-2	05/06/91	4-5	4-5			1/1						2/2
13FS-19-3	05/06/91	8-9	8-9	0/1	0/1	1/1						2/2
13FS-19-4	05/06/91	9-10	9-10	0/1	0/1	1/1						2/2
13FS-20-1	05/08/91	0-1	1-2			1/1						2/2
13FS-20-2	05/08/91	4-5	4-5			1/1						2/2
13FS-20-3	05/08/91	8-9	8-9	0/1	0/1	1/1						2/2
13FS-20-4	05/08/91	9-10	9-10	0/1	0/1	1/1						2/2
13FS-21-1	05/06/91	0-1	1-2			1/1						2/0
13FS-21-2	05/06/91	4-5	4-5			1/1						2/2
13FS-21-3	05/06/91	8-9	8-9			1/1						2/2
13FS-21-4	05/06/91	9-10	9-10			1/1						2/2
13FS-22-1	05/06/91	0-1	1-2			1/1						2/2
13FS-22-2	05/06/91	4-5	4-5			1/1						2/2
13FS-22-3	05/06/91	8-9	8-9	0/1	0/1	1/1						2/2
13FS-22-4	05/06/91	9-10	9-10	0/1	0/1	1/1						2/2
13FS-23-1	05/13/91	0-1	2-3			1/1						2/2
13FS-23-2	05/13/91	4-5	4-6			1/1		1/1	1/1	1/1	1/1	2/2
13FS-23-3	05/13/91	8-9	8-9	0/1	0/1	1/1	1/1					2/2
13FS-23-4	05/13/91	9-10	9-10	0/1	0/1	1/1	1/1					2/2

SEC Donohue Field Sampling Variance Table
TEAD-S RCRA Facility Investigation Phase II Task Order 0001 (1991)
SAMPLES: 13FS-(01-26)

Sample Identification	Sampling Date	Sample Depth (Feet)		VOC Soil	S-VOC Soil	TPH Soil	TOC Soil	pH (lab) Soil	Moisture Content Soil	Grain Size Soil	Bulk Density Soil	UV Field Soil
		Proposed	Collected	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*
13FS-24-1	06/01/91	0-1	1-2			1/1						2/2
13FS-24-2	06/01/91	4-5	4-5			1/1						2/2
13FS-24-3	06/01/91	8-9	8-9	1/1	1/1	1/1	1/1					2/2
13FS-24-4	06/01/91	9-10	9-10			1/1						2/2
13FS-25-1	06/01/91	0-1	2-3			1/1						2/2
13FS-25-2	06/01/91	4-5	4-5			1/1						2/2
13FS-25-3	06/01/91	8-9	8-9			1/1						2/2
13FS-25-4	06/01/91	9-10	9-10			1/1						2/2
13FS-26-1	07/14/91	0-1	1-2	0/0	0/0	1/1						2/0
13FS-26-2	07/14/91	4-5	4-5	0/1	0/1	1/1						2/0
13FS-26-3	07/14/91	8-9	8-9	0/1	0/1	1/1						2/2
13FS-26-4	07/14/91	9-10	9-10	0/1	0/1	1/1						2/0
TOTAL 13FS SAMPLES				1/2	1/2	12/12	2/2	1/1	2/0	1/0	1/1	20/20

B-15

SEC Donohue Field Sampling Variance Table
TEAD-S RCRA Facility Investigation Phase II Task 0001 1991
SAMPLES: 13PP-(01-02)

Sample Identification	Sampling Date	Sample Depth (feet)		VOC Soil	S-VOC Soil	Agent Breakdown Products Soil	Explosives Soil	Metals Soil	Anions Soil	pH (lab) Soil	UV (field) Soil
		Proposed	Collected	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*
Pavement Perimeter											
13PP-01-1	05/13/91	0-1	0-2	1/1	1/1	1/1	1/1	1/1	1/1	0/1	0/2
13PP-01-2	05/13/91	4-5	4-5	1/1	1/1	1/1	1/1	1/1	1/1		0/2
13PP-01-3	05/13/91	9-10	8-10	1/1	1/1	1/1	1/1	1/1	1/1		0/2
13PP-02-1	05/13/91	0-1	0-2	1/1	1/1	1/1	1/1	1/1	1/1	0/1	0/2
13PP-02-2	05/13/91	4-5	4-5	1/1	1/1	1/1	1/1	1/1	1/1		0/2
13PP-02-3	05/13/91	9-10	8-10	1/1	1/1	1/1	1/1	1/1	1/1		0/2
13PP-03-1	05/13/91	0-1	1-2	1/1	1/1	1/1	1/1	1/1	1/1	0/1	0/2
13PP-03-2	05/13/91	4-5	4-6	1/1	1/1	1/1	1/1	1/1	1/1		0/2
13PP-03-3	05/13/91	9-10	8-10	1/1	1/1	1/1	1/1	1/1	1/1		0/2
TOTAL 13PP SAMPLES				1/1	1/1	1/1	1/1	1/1	1/1	0/3	0/11

B-16

SEC Donohue Field Sampling Variance Table
TEAD-S RCRA Facility Investigation Phase II task 0001 1991
SAMPLES: 13US-(01-16)

Sample Identification	Sampling Date	Sample Depth (feet)		TPH Soil	ph (lab) Soil	Moisture Content Soil	Grain Size Soil	Bulk Density Soil
		Proposed	Collected	P/S*	P/S*	P/S*	P/S*	P/S*

*NOTE: P/S = Proposed Sample / Collected Sample
 NR = Sample attempt made, but no recovery obtained.

Underground Storage Tanks (fuel)

13US-01-1	DELETED	0-1	DELETED	1 / 0				
13US-01-2	DELETED	4-5	DELETED	1 / 0				
13US-01-3	DELETED	9-10	DELETED	1 / 0				
13US-02-1	DELETED	0-1	DELETED	1 / 0				
13US-02-2	DELETED	4-5	DELETED	1 / 0				
13US-02-3	DELETED	9-10	DELETED	1 / 0				
13US-03-1	05/31/91	0-1	1-3	1 / 1				
13US-03-2	05/31/91	4-5	4-6	1 / 1				
13US-03-3	05/31/91	9-10	9-10	1 / 1				
13US-04-1	05/31/91	0-1	1-3	1 / 1				
13US-04-2	05/31/91	4-5	4-6	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
13US-04-3	05/31/91	9-10	9-10	1 / 1				
13US-05-1	07/13/91	0-1	0-1	1 / 1				
13US-05-2	07/13/91	4-5	NR	1 / 0				
13US-05-3	07/13/91	9-10	NR	1 / 0				
13US-06-1	05/31/91	0-1	1-3	1 / 1				
13US-06-2	05/31/91	4-5	4-6	1 / 1				
13US-06-3	05/31/91	9-10	9-10	1 / 1				

B-17

SEC Donohue Field Sampling Variance Table
TEAD-S RCRA Facility Investigation Phase II task 0001 1991
SAMPLES: 13US-(01-16)

Sample Identification	Sampling Date	Sample Depth (feet)		TPH Soil	ph (lab) Soil	Moisture Content Soil	Grain Size Soil	Bulk Density Soil
		Proposed	Collected	P/S*	P/S*	P/S*	P/S*	P/S*

*NOTE: P/S = Proposed Sample / Collected Sample
 NR = Sample attempt made, but no recovery obtained.

B-18

13US-07-1	05/31/91	0-1	1-3	1 / 1
13US-07-2	05/31/91	4-5	4-6	1 / 1
13US-07-3	05/31/91	9-10	9-10	1 / 1
13US-08-1	05/31/91	0-1	1-3	1 / 1
13US-08-2	05/31/91	4-5	4-6	1 / 1
13US-08-3	05/31/91	9-10	9-10	1 / 1
13US-09-1	04/30/91	0-1	0-1	1 / 1
13US-09-2	04/30/91	4-5	4-5	1 / 1
13US-09-3	04/30/91	9-10	9-10	1 / 1
13US-10-1	04/30/91	0-1	0-1	1 / 1
13US-10-2	04/30/91	4-5	4-5	1 / 1
13US-10-3	04/30/91	9-10	9-10	1 / 1
13US-11-1	05/01/91	0-1	0-2	1 / 1
13US-11-2	05/01/91	4-5	4-5	1 / 1
13US-11-3	05/01/91	9-10	9-10	1 / 1
13US-12-1	05/01/91	0-1	0-2	1 / 1
13US-12-2	05/01/91	4-5	4-5	1 / 1
13US-12-3	05/01/91	9-10	9-10	1 / 1
13US-13-1	05/01/91	0-1	0-2	1 / 1

SEC Donohue Field Sampling Variance Table
 TEAD-S RCRA Facility Investigation Phase II task 0001 1991
 SAMPLES: 13US-(01-16)

Sample Identification	Sampling Date	Sample Depth (feet)		TPH Soil	ph (lab) Soil	Moisture Content Soil	Grain Size Soil	Bulk Density Soil
		Proposed	Collected	P/S*	P/S*	P/S*	P/S*	P/S*

*NOTE: P/S = Proposed Sample / Collected Sample
 NR = Sample attempt made, but no recovery obtained.

13US-13-2	05/01/91	4-5	4-5	1 / 1
13US-13-2A	05/01/91	4-5	4-5	1 / 2
13US-13-3	05/01/91	9-10	9-10	1 / 1
13US-14-1	05/01/91	0-1	0-2	1 / 1
13US-14-2	05/01/91	4-5	4-5	1 / 1
13US-14-3	05/01/91	9-10	9-10	1 / 1
13US-15-1	05/01/91	0-1	0-2	1 / 1
13US-15-2	05/01/91	4-5	4-5	1 / 1
13US-15-3	05/01/91	9-10	9-10	1 / 1
13US-16-1	DELETED	0-1	DELETED	1 / 0
13US-16-2	DELETED	4-5	DELETED	1 / 0
13US-16-3	DELETED	9-10	DELETED	1 / 0

B-19

SEC Donohue Field Sampling Variance Table
TEAD - S RCRA Facility Investigation Phase II Task 0001 1991
SAMPLES: Well Borings and SWMU 13 Decontamination Pad

Sample Identification	Sampling Date	Sample Depth (feet)		VOC Soil	S-VOC Soil	Agent Breakdown Products Soil	Explosives Soil	TPH Soil	Metals Soil	Anions Soil	pH (lab) Soil	Moisture Content Soil	Grain Size Soil	Bulk Density Soil
		Proposed	Collected	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*

*NOTE: P/S = Proposed Sample / Collected Sample

B-20

Well Borings (soil)

S-76-91-1	06/18/91	0-2	0-2
S-76-91-2	06/18/91	4-6	4-6
S-76-91-3	06/18/91	9-11	9-11
S-76-91-4	06/18/91	14-16	14-16
S-76-91-5	06/18/91	19-21	19-21
S-76-91-6	06/18/91	24-26	24-26
S-77-91-1	06/22/91	0-2	0-2
S-77-91-2	06/22/91	4-6	4-6
S-77-91-3	06/22/91	9-10	9-10
S-77-91-4	06/22/91	14-16	14-16
S-77-91-5	06/22/91	19-21	19-21
S-78-91-1	05/29/91	4-6	4-6
S-78-91-2	05/29/91	9-10	9-10
S-78-91-3	05/29/91	14-16	14-16
S-78-91-4	05/29/91	24-25.5	24-25.5
S-79-91-1	06/17/91	0-2	0-2
S-79-91-2	06/17/91	4-6	4-6
S-79-91-3	06/17/91	7-8	7-8
S-79-91-4	06/17/91	8-10	8-10
S-80-91-1	05/28/91	.5-2	.5-2
S-80-91-2	05/28/91	9-11	9-11
S-80-91-3	05/28/91	24-25	24-25
S-81-91-1	05/28/91	0-2	0-2
S-81-91-2	05/28/91	4-6	4-6
S-81-91-3	05/28/91	9-11	9-11
S-81-91-4	05/28/91	19-21	19-21
S-81-91-5	05/28/91	24-25	24-25
S-82-91-1	05/16/91	0-2	0-2
S-82-91-2	05/16/91	4-6	4-6
S-82-91-3	05/16/91	9-11	9-11
S-82-91-4	05/16/91	14-16	14-16
S-82-91-5	05/16/91	19-21	19-21
S-82-91-6	05/16/91	24-26	24-26
S-83-91-1	05/17/91	0-2	0-2

**SEC Donohue Field Sampling Variance Table
TEAD - S RCRA Facility Investigation Phase II Task 0001 1991
SAMPLES: Well Borings and SWMU 13 Decontamination Pad**

Sample Identification	Sampling Date	Sample Depth (feet)		VOC Soil	S-VOC Soil	Agent Breakdown Products Soil	Explosives Soil	TPH Soil	Metals Soil	Anions Soil	pH (lab) Soil	Moisture Content Soil	Grain Size Soil	Bulk Density Soil
		Proposed	Collected	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*

*NOTE: P/S = Proposed Sample / Collected Sample

S-83-91-2	05/17/91	5-7	5-7											
S-83-91-3	05/17/91	9-11	9-11											
S-83-91-4	05/17/91	14-18	14-18											
S-83-91-5	05/17/91	19-21	19-21											
S-83-91-6	05/17/91	24-26	24-26											
S-84-91-1	05/18/91	0-2	0-2											
S-84-91-2	05/18/91	4-6	4-6											
S-84-91-3	05/18/91	9-11	9-11											
S-84-91-4	05/18/91	14-16	14-16											
S-84-91-5	05/18/91	19-21	19-21											
S-84-91-6	05/18/91	26.5-28.5	26.5-28.5											
S-85-91	05/20/91	NONE	NONE											
S-86-91-1	08/21/91	1.5-2	1.5-2											
S-86-91-2	08/21/91	4-6	4-6											
S-86-91-3	08/21/91	9-11	9-11											
S-86-91-4	08/21/91	14-18	14-18											
S-86-91-5	08/21/91	17-18	17-18											
S-87-91-1	05/14/91	0-1	1-2	1/1	1/1	1/0	1/1	1/1	1/1	1/1				
S-87-91-2	05/14/91	4-5	4-5	1/1	1/1	1/0	1/1	1/1	1/1	1/1				
S-87-91-3	05/14/91	9-10	8-10	1/1	1/1	1/0	1/1	1/1	1/1	1/1				
S-88-91-1	05/15/91	0-1	2-4	1/1	1/1		1/1	1/1	1/1	1/1				
S-88-91-2	05/15/91	4-5	4-6	1/1	1/1		1/1	1/1	1/1	1/1				
S-88-91-3	05/15/91	9-10	8-10	1/1	1/1		1/1	1/1	1/1	1/1				
S-88-91-4	05/15/91	NONE	8-9	0/1	0/0		0/0	0/0	0/0	0/0				
S-89-91-1	05/30/91	4-5	4-5								1/1	1/1	1/1	1/1
S-89-91-2	05/30/91	9-10	9-10								1/1	1/1	1/1	1/1
S-89-91-3	05/30/91	14-15	14-15								1/1	1/1	1/1	1/1
S-89-91-4	05/30/91	19-21	19-21											
S-89-91-5	05/30/91	24-25	24-25											
S-89-91-6	05/30/91	29-31	29-31											
S-90-91	DELETED	DELETED	DELETED											
S-91-91-1	05/19/91	0-1	0-1											
S-91-91-2	05/19/91	3-4	3-4											
S-91-91-3	05/19/91	7-8	7-8											
S-91-91-4	05/19/91	13-14	13-14											

B-21

**SEC Donohue Field Sampling Variance Table
 TEAD - S RCRA Facility Investigation Phase II Task 0001 1991
 SAMPLES: Well Borings and SWMU 13 Decontamination Pad**

Sample Identification	Sampling Date	Sample Depth (feet)		VOC Soil	S-VOC Soil	Agent Breakdown Products Soil	Explosives Soil	TPH Soil	Metals Soil	Anions Soil	pH (lab) Soil	Moisture Content Soil	Grain Size Soil	Bulk Density Soil
		Proposed	Collected	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*

*NOTE: P/S = Proposed Sample / Collected Sample

S-91-91-5	05/19/91	18.5-19.5	18.5-19.5											
S-91-91-6	05/19/91	22-25	22-25											
S-92-91-1	06/20/91	NONE	NONE											
DUAL WELL BORE SAMPLES														
SWMU 13 DECON PAD														

B-22

SEC Donohue Field Sampling Variance Table
TEAD-S RCRA Facility Investigation Phase II Task Order 0001 (1991)
SAMPLES: 17BG-01

Sample Identification	Sampling Date	Sample depth (feet)		Metals Soil P/S*	TOC Soil P/S*	pH (lab) Soil P/S*
		Proposed	Collected			

*NOTE: P/S = Proposed Sample / Collected Sample

SWMU 17 (Deactivation Furnace)

B-23	Background Boring (SWMU17)						
	17BG-01-1	07/13/91	0-1	0-1	0 / 0	1 / 1	1 / 1
	17BG-01-2	07/13/91	4-5	4-5	1 / 1	1 / 1	1 / 1
	TOTAL 17BG SAMPLES				1 / 1	2 / 2	2 / 2

SEC Donohue Field Sampling Variance Table
TEAD-S RCRA Facility Investigation Phase II task 0001 (1991)
SAMPLES: 17DS-(01 thru 12)

Sample Identification	Sampling Date	Sample Depth (feet)		VOC Soil	S-VOC Soil	Explosives Soil	Metals Soil	TOC Soil	pH (lab) Soil	Moisture Content Soil	Grain Size Soil	Bulk Density Soil
		Proposed	Collected	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*

* NOTE: P/S = Proposed Sample / Collected Sample

SWMU 17 (Deactivation Furnace)

Drum Storage Area (SWMU 17)

B-24

17DS-01-1	06/25/91	0-1	0-1	1/0	1/1	1/1	1/1					
17DS-01-2	06/25/91	4-5	4-5	1/1	1/1	1/1	1/1					
17DS-01-3	06/25/91	9-10	9-10	1/1	1/1	1/1	1/1					
17DS-01-4	06/25/91	14-15	14-16	1/1	1/1	1/1	1/1					
17DS-01-5	06/25/91	19-20	19-20	1/1	1/1	1/1	1/1					
17DS-02-1	06/25/91	0-1	0-1	1/0	1/1	1/1	1/1					
17DS-02-2	06/25/91	4-5	4-5	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
17DS-02-3	06/25/91	9-10	9-10	1/1	1/1	1/1	1/1					
17DS-02-4	06/25/91	14-15	14-16	1/1	1/1	1/1	1/1					
17DS-02-5	06/25/91	19-20	19-20	1/1	1/1	1/1	1/1					
17DS-03-1	07/08/91	0-1	0-1	1/0	1/0	1/1	1/1					
17DS-03-2	07/08/91	4-5	4-5	1/1	1/1	1/1	1/1					
17DS-03-3	07/08/91	9-10	NR	1/0	1/0	1/0	1/0					
17DS-03-4	07/08/91	14-15	14-16	1/1	1/1	1/1	1/1					
17DS-03-5	07/08/91	19-20	19-20	1/1	1/1	1/1	1/1					
17DS-04-1	07/08/91	0-1	0-2	1/0	1/1	1/1	1/1					
17DS-04-2	07/08/91	4-5	4-6	1/1	1/1	1/1	1/1					
17DS-04-3	07/09/91	9-10	NR	1/0	1/0	1/0	1/0					
17DS-04-4	07/09/91	14-15	14-16	1/1	1/1	1/1	1/1					
17DS-04-5	07/09/91	19-20	19-21	1/1	1/1	1/1	1/1					
17DS-05-1	07/10/91	0-1	1-3	1/0	1/1	1/1	1/1					
17DS-05-2	07/10/91	4-5	4-6	1/1	1/1	1/1	1/1					
17DS-05-3	07/10/91	9-10	9-10.5	1/1	1/1	1/1	1/1					
17DS-05-4	07/10/91	14-15	14-16	1/1	1/1	1/1	1/1					
17DS-05-5	07/10/91	19-20	19-21	1/1	1/1	1/1	1/1					
17DS-06-1	07/10/91	0-1	1-3	1/0	1/1	1/1	1/1					
17DS-06-2	DELETED	4-5	DELETED	1/0	1/0	1/0	1/0					
17DS-06-3	DELETED	9-10	DELETED	1/0	1/0	1/0	1/0					
17DS-06-4	DELETED	14-15	DELETED	1/0	1/0	1/0	1/0					
17DS-06-5	DELETED	19-20	DELETED	1/0	1/0	1/0	1/0					

SEC Donohue Field Sampling Variance Table
TEAD-S RCRA Facility Investigation Phase II task 0001 (1991)
SAMPLES: 17DS-(01 thru 12)

Sample Identification	Sampling Date	Sample Depth (feet)		VOC Soil	S-VOC Soil	Explosives Soil	Metals Soil	TOC Soil	pH (lab) Soil	Moisture Content Soil	Grain Size Soil	Bulk Density Soil
		Proposed	Collected	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*

* NOTE: P/S = Proposed Sample / Collected Sample

17DS-07-1	07/10/91	0-1	1-3	1/0	1/1	1/1	1/1					
17DS-07-2	DELETED	4-5	DELETED	1/0	1/0	1/0	1/0					
17DS-07-3	DELETED	9-10	DELETED	1/0	1/0	1/0	1/0					
17DS-07-4	DELETED	14-15	DELETED	1/0	1/0	1/0	1/0					
17DS-07-5	DELETED	19-20	DELETED	1/0	1/0	1/0	1/0					
17DS-08-1	07/10/91	0-1	1-3	1/0	1/1	1/1	1/1					
17DS-08-2	DELETED	4-5	DELETED	1/0	1/0	1/0	1/0					
17DS-08-3	DELETED	9-10	DELETED	1/0	1/0	1/0	1/0					
17DS-08-4	DELETED	14-15	DELETED	1/0	1/0	1/0	1/0					
17DS-08-5	DELETED	19-20	DELETED	1/0	1/0	1/0	1/0					
17DS-09-1	07/10/91	0-1	1-3	1/0	1/1	1/1	1/1					
17DS-09-2	DELETED	4-5	DELETED	1/0	1/0	1/0	1/0					
17DS-09-3	DELETED	9-10	DELETED	1/0	1/0	1/0	1/0					
17DS-09-4	DELETED	14-15	DELETED	1/0	1/0	1/0	1/0					
17DS-09-5	DELETED	19-20	DELETED	1/0	1/0	1/0	1/0					
17DS-10-1	DELETED	0-1	DELETED	1/0	1/0	1/0	1/0					
17DS-10-2	DELETED	4-5	DELETED	1/0	1/0	1/0	1/0					
17DS-10-3	DELETED	9-10	DELETED	1/0	1/0	1/0	1/0					
17DS-10-4	DELETED	14-15	DELETED	1/0	1/0	1/0	1/0					
17DS-10-5	DELETED	19-20	DELETED	1/0	1/0	1/0	1/0					
17DS-11-1	DELETED	0-1	DELETED	1/0	1/0	1/0	1/0					
17DS-11-2	DELETED	4-5	DELETED	1/0	1/0	1/0	1/0					
17DS-11-3	DELETED	9-10	DELETED	1/0	1/0	1/0	1/0					
17DS-11-4	DELETED	14-15	DELETED	1/0	1/0	1/0	1/0					
17DS-11-5	DELETED	19-20	DELETED	1/0	1/0	1/0	1/0					
17DS-12-1	DELETED	0-1	DELETED	1/0	1/0	1/0	1/0					
17DS-12-2	DELETED	4-5	DELETED	1/0	1/0	1/0	1/0					
17DS-12-3	DELETED	9-10	DELETED	1/0	1/0	1/0	1/0					
17DS-12-4	DELETED	14-15	DELETED	1/0	1/0	1/0	1/0					
17DS-12-5	DELETED	19-20	DELETED	1/0	1/0	1/0	1/0					
TOTAL 17DS SAMPLES				60/18	60/27	60/27	60/27	1/1	1/1	1/1	1/1	1/1

B-25

SEC Donohue Field Sampling Variance Table
TEAD-S RCRA Facility Investigation Phase II task 0001 (1991)
SAMPLES: 17F8 - (01 thru 08)

Sample Identification	Sampling Date	Sample Depth (feet)		VOC Soil	VOC TCLP Soil	S-VOC Soil	S-VOC TCLP Soil	Explosives Soil	TPH Soil	TOC Soil	pH (lab) Soil	Moisture Content Soil	Grain Size Soil	Bulk Density Soil
		Proposed	Collected	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*

*NOTE: P/S = Proposed Sample / Collected Sample

SWMU 17 (Deactivation Furnace)

Fuel Spill Area (SWMU 17)

17FS-01-1	07/11/91	0-1	0-2	1/1	1/1	1/0	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
17FS-01-2	DELETED	4-5	DELETED	1/0		1/0		1/0						
17FS-01-3	DELETED	9-10	DELETED	1/0		1/0								
17FS-01-4	DELETED	12-13	DELETED	1/0		1/0								
17FS-01-5	DELETED	15-16	DELETED	1/0		1/0								
17FS-02-1	07/11/91	0-1	0-2	1/1		1/1		1/1		1/1				
17FS-02-2	07/11/91	4-5	4-6	1/1		1/1		1/1		1/1				
17FS-02-3	07/11/91	9-10	9-10	1/1		1/1				1/1				
17FS-02-4	07/11/91	12-13	11.7-12.7	1/1		1/1				1/1				
17FS-02-5	07/11/91	15-16	15-16	1/1		1/1				1/1				
17FS-03-1	07/12/91	0-1	0-1	1/1		1/1		1/1		1/1				
17FS-03-2	DELETED	4-5	DELETED	1/0		1/0		1/0						
17FS-03-3	DELETED	9-10	DELETED	1/0		1/0				1/0				
17FS-03-4	DELETED	12-13	DELETED	1/0		1/0				1/0				
17FS-03-5	DELETED	15-16	DELETED	1/0		1/0				1/0				
17FS-04-1	07/12/91	0-1	0-1	1/1		1/1		1/1		1/1				
17FS-04-2	07/12/91	4-5	4-5	1/1		1/1		1/1		1/1				
17FS-04-3	07/12/91	9-10	9-10	1/1		1/1				1/1				
17FS-04-4	07/12/91	12-13	12-13	1/1		1/1				1/1				
17FS-04-5	07/12/91	15-16	15-16	1/1		1/1				1/1				
17FS-05-1	07/12/91	0-1	0-1	1/1		1/1		1/1		1/1				
17FS-05-2	07/12/91	4-5	4-5	1/1		1/1		1/1		1/1				
17FS-05-3	07/12/91	9-10	9-10	1/1		1/1				1/1				
17FS-05-4	07/12/91	12-13	12-13	1/1		1/1				1/1				
17FS-05-5	07/12/91	15-16	15-16	1/1		1/1				1/1				
17FS-06-1	07/12/91	0-1	0-2	1/1		1/1		1/1		1/1				
17FS-06-2	DELETED	4-5	DELETED	1/0		1/0		1/0						
17FS-06-3	DELETED	9-10	DELETED	1/0		1/0				1/0				
17FS-06-4	DELETED	12-13	DELETED	1/0		1/0				1/0				
17FS-06-5	DELETED	15-16	DELETED	1/0		1/0				1/0				
17FS-07-1	07/12/91	0-1	0-2	1/1		1/1		1/1		1/1				
17FS-07-2	DELETED	4-5	DELETED	1/0		1/0		1/0						
17FS-07-3	DELETED	9-10	DELETED	1/0		1/0				1/0				
17FS-07-4	DELETED	12-13	DELETED	1/0		1/0				1/0				
17FS-07-5	DELETED	15-16	DELETED	1/0		1/0				1/0				

B-26

SEC Donohue Field Sampling Variance Table
TEAD-S RCRA Facility Investigation Phase II task 0001 (1991)
SAMPLES: 17FS - (01 thru 08)

Sample Identification	Sampling Date	Sample Depth (feet)		VOC Soil	VOC TCLP Soil	S-VOC Soil	S-VOC TCLP Soil	Explosives Soil	TPH Soil	TOC Soil	pH (lab) Soil	Moisture Content Soil	Grain Size Soil	Bulk Density Soil
		Proposed	Collected	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*

*NOTE: P/S = Proposed Sample / Collected Sample

17FS-08-1	07/12/91	0-1	0-2	1/1		1/1		1/1	1/1					
17FS-08-2	DELETED	4-5	DELETED	1/0		1/0		1/0	1/0					
17FS-08-3	DELETED	9-10	DELETED	1/0		1/0			1/0					
17FS-08-4	DELETED	12-13	DELETED	1/0		1/0			1/0					
17FS-08-5	DELETED	15-16	DELETED	1/0		1/0			1/0					
TOTAL 17FS SAMPLES				40/20	1/1	39/18	1/1	16/11	40/20	1/1	1/1	1/1	1/1	1/1

B-27

SEC Donohue Field Sampling Variance Table
TEAD-S RCRA Facility Investigation Phase II task 0001 1991
SAMPLE: 17MS - (1 thru 13)

Sample Identification	Sampling	Sample Depth (feet)		Mercury	Mercury	pH (lab)	Moisture	Grain	Bulk
	Date	Proposed	Collected	Soil	TCLP	Soil	Content	Size	Density
				P/S*	Soil	Soil	Soil	Soil	Soil
				P/S*	P/S*	P/S*	P/S*	P/S*	P/S*

*NOTE: P/S = Proposed Sample / Collected Sample

SWMU 17 (Deactivation Furnace)

Mercury Spill Area (SWMU 17)

17MS-(1-13)-1	DELETED	0-1	DELETED	0/0	0/0	0/0	0/0	0/0	0/0
17MS-(1-13)-2	DELETED	2-3	DELETED	15/0	0/0	0/0	0/0	0/0	0/0
17MS-(1-13)-3	DELETED	4-5	DELETED	15/0	1/0	1/0	1/0	1/0	1/0
17MS-(1-13)-4	DELETED	6-7	DELETED	15/0	1/0	1/0	1/0	1/0	1/0
TOTAL 17MS SAMPLES				45/0	2/0	2/0	2/0	2/0	2/0

B-28

SEC Donohue Field Sampling Variance Table
TEAD-S RCRA Facility Investigation Phase II task 0001 1991
SAMPLE: Ground Water

Sample Identification	Sampling Date	Sample Depth (feet)		VOC Water	S-VOC Water	Agent Breakdown Products Water	Explosives Water	TPH Water	Metals Water	Anions Water	pH (field) Water	D.O. (field) Water
		Proposed	Collected	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*

* NOTE: P/S = Proposed Sample / Collected Sample
 NA = Not applicable

WATER

Ground Water

Existing Wells (sampled)

Drinking Water Well # 1	06/01/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Drinking Water Well # 2												
1st sample suite	06/05/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
2nd sample suite	10/04/91	NA	NA	0/0	0/0	0/1	0/0	0/0	0/0	0/0	0/0	0/0
CAM-1	05/18/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
CAM-2	05/18/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-1	06/21/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-25-88	05/18/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-26-88	05/17/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-27-88	05/17/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-28-88	05/30/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-29-88	05/19/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-30-88	06/18/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-54-90	05/18/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-55-90	05/18/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-56-90	05/29/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-57-90	06/18/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-58-90	05/20/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-59-90	05/21/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-60-90	06/18/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1

New wells (Drilled & sampled)

S-76-90	07/09/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-77-90	07/09/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-78-90	06/19/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-79-90	07/09/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-80-90	06/20/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-81-90	06/20/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-82-90	06/24/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-83-90	06/21/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-84-90	06/19/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-85-90	06/18/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1

B-29

SEC Donohue Field Sampling Variance Table
TEAD-S RCRA Facility Investigation Phase II task 0001 1991
SAMPLE: Ground Water

Sample Identification	Sampling Date	Sample Depth (feet)		VOC Water	S-VOC Water	Agent Breakdown Products Water	Explosives Water	TPH Water	Metals Water	Anions Water	pH (field) Water	D.O. (field) Water
		Proposed	Collected	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*	P/S*

* NOTE: P/S = Proposed Sample / Collected Sample
 NA = Not applicable

S-86-90	07/09/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-87-90	06/20/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-88-90	DELETED	NA	NA	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0
S-89-90	DELETED	NA	NA	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0
S-90-90	DELETED	NA	NA	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0
S-91-90	06/21/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
S-92-90	07/09/91	NA	NA	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
TOTAL WATER ANALYSES				35/32	35/32	35/33	35/32	35/32	35/32	35/32	35/32	35/32

B-30

SEC Donohue Field Sampling Variance Table
TEAD-S RCRA Facility Investigation Phase II task 0001 1991
SAMPLES: 13BB-D-1 and 13DD-SW-1

Sample Identification	Sampling Date	Sample Depth (feet)		VOC Water	S-VOC Water	Agent Breakdown Products Water	Explosives Water	TPH Water	Metals Water	Anions Water	pH (field) Water
		Proposed	Collected	*P/S	*P/S	*P/S	*P/S	*P/S	*P/S	*P/S	*P/S

*NOTE: P/S = Proposed Sample / Collected Sample

WATER

Surface Water samples

13BB-D-1	10/04/91	1	1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
13DD-SW-1	DELETED	1	DELETED	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0

B-31

SEC Donohue Field Sampling analysis
TEAD-S
RCRA FACILITY INVESTIGATION
PHASE II Task Order 0001

Media Type	Borings	Sample Suites	change rationale	
	Planned/Drilled	Planned/Sampled		
Soil Gas				
BTEX	<u>121 / 112</u>	<u>121 / 112</u>	9 samples were deleted as they were determined to be unnecessary to define the field being studied. The collection of additional samples for these analytes was conducted on the basis of field analysis and the need to further define the extent of the analyte contamination	
TCE, CCL4, CH2CL2	<u>29 / 112</u>	<u>29 / 112</u>		
SOIL				
SWMU 13				
B-32 3 X Yard	133X-01	<u>1 / 1</u>	<u>3 / 3</u>	Field decision: The sampling intervals were changed on this boring from 0-1, 1-2, and 2-3 feet, to 1-2, 4-5, and 9-10 feet. It was felt that the shallower sample intervals in the sampling plan would be inadequate to define the extent of potential vertical contamination at the site.
	133X-02	<u>1 / 1</u>	<u>3 / 3</u>	Field decision: The sampling intervals were changed on this boring from 0-1, 1-2, and 2-3 feet, to 1-2, 4-5, and 9-10 feet. It was felt that the shallower sample intervals in the sampling plan would be inadequate to define the extent of potential vertical contamination at the site.
	133X-03	<u>1 / 1</u>	<u>3 / 3</u>	Field decision: The sampling intervals were changed on this boring from 0-1, 1-2, and 2-3 feet, to 1-2, 4-5, and 9-10 feet. It was felt that the shallower sample intervals in the sampling plan would be inadequate to define the extent of potential vertical contamination at the site.
	133X-04	<u>1 / 1</u>	<u>3 / 3</u>	Field decision: The sampling intervals were changed on this boring from 0-1, 1-2, and 2-3 feet, to 1-2, 4-5, and 9-10 feet. It was felt that the shallower sample intervals in the sampling plan would be inadequate to define the extent of potential vertical contamination at the site.

SEC Donohue Field Sampling analysis
TEAD-S
RCRA FACILITY INVESTIGATION
PHASE II Task Order 0001

Media Type	Borings	Sample Suites	change rationale
	Planned/Drilled	Planned/Sampled	
133X-05	<u>1 / 1</u>	<u>3 / 3</u>	Field decision: The sampling intervals were changed on this boring from 0-1, 1-2, and 2-3 feet, to 1-2, 4-5, and 9-10 feet. It was felt that the shallower sample intervals in the sampling plan would be inadequate to define the extent of potential vertical contamination at the site.
133X-06	<u>1 / 1</u>	<u>3 / 3</u>	Field decision: The sampling intervals were changed on this boring from 0-1, 1-2, and 2-3 feet, to 1-2, 4-5, and 9-10 feet. It was felt that the shallower sample intervals in the sampling plan would be inadequate to define the extent of potential vertical contamination at the site.
133X-07	<u>1 / 1</u>	<u>3 / 3</u>	Field decision: The sampling intervals were changed on this boring from 0-1, 1-2, and 2-3 feet, to 1-2, 4-5, and 9-10 feet. It was felt that the shallower sample intervals in the sampling plan would be inadequate to define the extent of potential vertical contamination at the site.
133X-08	<u>1 / 1</u>	<u>3 / 3</u>	Field decision: The sampling intervals were changed on this boring from 0-1, 1-2, and 2-3 feet, to 1-2, 4-5, and 9-10 feet. It was felt that the shallower sample intervals in the sampling plan would be inadequate to define the extent of potential vertical contamination at the site.
133X-09	<u>0 / 1</u>	<u>0 / 1</u>	This sample was a surface sample (0-6 inches). It was taken on the basis of observations of stained soils in the 3X site area.
133X-10	<u>0 / 1</u>	<u>0 / 1</u>	This sample was a surface sample (0-6 inches). It was taken on the basis of observations of stained soils in the 3X site area.
Boiler Blowdown Ditch and Pond			
13BB-01	<u>1 / 0</u>	<u>3 / 0</u>	With USATHAMA approval it was decided in the field to delete this boring on the basis that the planned closely spaced coverage was not needed.
13BB-02	<u>1 / 0</u>	<u>3 / 0</u>	With USATHAMA approval it was decided in the field to delete this

B-33

SEC Donohue Field Sampling analysis
 TEAD-S
 RCRA FACILITY INVESTIGATION
 PHASE II Task Order 0001

Media Type	Borings		Sample Suites		change rationale
	Planned/Drilled		Planned/Sampled		
13BB-03	<u>1 / 0</u>		<u>3 / 0</u>		boring on the basis that the planned closely spaced coverage was not needed. With USATHAMA approval it was decided in the field to delete this boring on the basis that the planned closely spaced coverage was not needed. The boring was substituted as 13LF-02
13BB-04	<u>1 / 0</u>		<u>3 / 0</u>		With USATHAMA approval it was decided in the field to delete this boring on the basis that the planned closely spaced coverage was not needed. The boring was substituted as 13LF-02
13BB-05	<u>1 / 1</u>		<u>3 / 3</u>		
13BB-06	<u>1 / 1</u>		<u>3 / 3</u>		
13BB-07	<u>1 / 1</u>		<u>3 / 3</u>		Relocated slightly to the southeast due to access difficulty
13BB-08	<u>1 / 1</u>		<u>3 / 3</u>		
13BB-09	<u>1 / 1</u>		<u>3 / 3</u>		Relocated slightly to the north due to access difficulty.
13BB-10	<u>1 / 1</u>		<u>3 / 3</u>		In field decision. The sampling depths were changed on this boring to accomodate ground elevation differences, and to assure that the samples would be collected from the correct stratigraphic horizon.
13BB-11	<u>1 / 1</u>		<u>3 / 3</u>		
13BB-12	<u>1 / 1</u>		<u>3 / 3</u>		In field decision. The sampling depths were changed on this boring to accomodate ground elevation differences, and to assure that the samples would be collected from the correct stratigraphic horizon.
13BB-13	<u>1 / 1</u>		<u>3 / 3</u>		In field decision. The sampling depths were changed on this boring to accomodate ground elevation differences, and to assure that the samples would be collected from the correct stratigraphic horizon.
13BB-14	<u>1 / 1</u>		<u>3 / 3</u>		
13BB-15	<u>1 / 1</u>		<u>3 / 3</u>		In field decision. The sampling depths were changed on this boring to accomodate ground elevation differences, and to assure

B-34

SEC Donohue Field Sampling analysis
TEAD-S
RCRA FACILITY INVESTIGATION
PHASE II Task Order 0001

Media Type	Borings	Sample Suites	change rationale
	Planned/Drilled	Planned/Sampled	
B-35	13BB-16	<u>1 / 1</u>	<u>3 / 3</u> that the samples would be collected from the correct stratigraphic horizon. In field decision. The sampling depths were changed on this boring to accomodate ground elevation differences, and to assure that the samples would be collected from the correct stratigraphic horizon.
	13BB-17	<u>1 / 1</u>	<u>3 / 3</u> In field decision. The sampling depths were changed on this boring to accomodate ground elevation differences, and to assure that the samples would be collected from the correct stratigraphic horizon.
	13BB-18	<u>1 / 1</u>	<u>3 / 3</u> In field decision. The sampling depths were changed on this boring to accomodate ground elevation differences, and to assure that the samples would be collected from the correct stratigraphic horizon.
Background (SWMU 13)			
	13BG-01	<u>1 / 1</u>	<u>2 / 3</u>
	13BG-02	<u>1 / 1</u>	<u>2 / 0</u> The original 13BG-02 was omitted as not being necessary. It was then moved southwest of CAMDS. A field decision was made with USATHAMA approval, to relocate 13BG-02 as a stratigraphic test hole to gain lithologic information and to determine the depth and number of clay beds to better complete the monitor well S-85-91, which was to be drilled in close proximity to 13BG-02. No samples were taken.
	13BG-03	<u>1 / 0</u>	<u>2 / 0</u> This boring was omitted, in as much as the proposed location was high on the toe of the alluvial fan and would have required 15 feet of drilling to reach the general elevation of the CAMDS facility and would not have yielded useful background information. No samples were taken.
	13BG-04	<u>1 / 1</u>	<u>2 / 2</u>

SEC Donohue Field Sampling analysis
TEAD-S
RCRA FACILITY INVESTIGATION
PHASE II Task Order 0001

Media Type	Borings	Sample Suites	change rationale
	Planned/Drilled	Planned/Sampled	
13BG-05	<u>0 / 1</u>	<u>0 / 5</u>	Southwest of CAMDS. This boring was added with USATHAMA field approval for the same reason 13BG-02 was drilled. 13BG-05 was drilled adjacent and prior to monitor well S-79-91.
13BG-06	<u>0 / 1</u>	<u>0 / 7</u>	Northwest of CAMDS. This boring was added with USATHAMA field approval for the same reason 13BG-02 and 13BG-05 were drilled. 13BG-06 was drilled adjacent and prior to monitor well S-92-91. The samples from this boring were saved for archive reference only. They were not analyzed by the laboratory.
13BG-07	<u>0 / 1</u>	<u>0 / 9</u>	South of CAMDS. 13BG-07 was drilled prior to monitor well S-77-91 for the same reason as 13BG-02, 13BG-05, and 13BG-06. The samples from this boring were saved for archive reference only. They were not analyzed by the laboratory.
13BG-08	<u>0 / 1</u>	<u>0 / 2</u>	This boring was to have been monitor well S-90-91, but it had no water in the hole and, consequently, was listed as a background boring. Samples 13BG-08-1 and 13BG-08-2, collected from 0-2 and 4-6 feet respectively were analyzed. The remaining samples were collected for lithology and archive reference.
Chemical Unload			
13CU-01	<u>1 / 1</u>	<u>3 / 3</u>	
13CU-02	<u>1 / 0</u>	<u>3 / 0</u>	This boring was not in the original sampling plan. It was added during the site staking walk through. It was later deleted in the field as not necessary because of its close proximity to the nearby monitor well S-92-91.
Drainage Ditch (Southeast)			
13DD-01	<u>1 / 1</u>	<u>3 / 3</u>	This boring was moved south of the perimeter road to avoid the two feet of gravel road fill.
13DD-02	<u>1 / 1</u>	<u>3 / 3</u>	
13DD-03	<u>1 / 1</u>	<u>3 / 3</u>	

B-36

SEC Donohue Field Sampling analysis
TEAD-S
RCRA FACILITY INVESTIGATION
PHASE II Task Order 0001

Media Type	Borings	Sample Suites	change rationale
	Planned/Drilled	Planned/Sampled	
13DD-04	<u>1 / 1</u>	<u>3 / 3</u>	Relocated slightly to better sample the drainage ditch area.
13DD-05	<u>1 / 1</u>	<u>3 / 3</u>	Relocated slightly to better sample the drainage ditch area.
13DD-06	<u>1 / 1</u>	<u>3 / 3</u>	Relocated slightly to better sample the drainage ditch area.
13DD-07	<u>1 / 0</u>	<u>3 / 0</u>	This boring was deleted during the site staking walk through, much of the ditch had been filled and does not currently exist.
13DD-08	<u>1 / 0</u>	<u>3 / 0</u>	This boring was deleted during the site staking walk through, much of the ditch had been filled and does not currently exist.
13DD-09	<u>1 / 0</u>	<u>3 / 0</u>	This boring was deleted during the site staking walk through, much of the ditch had been filled and does not currently exist.
B-37 Fuel Spill 13FS-01	<u>1 / 1</u>	<u>4 / 4</u>	In field decision; Whenever high PID readings were recorded the 13FS samples were analyzed for VOCs and S-VOCs. This protocol decision was based on our soil gas results and Ebasco's findings, that the borings are likely to contain these compounds. This Boring was relocated slightly to the north due to inaccessibility, but VOCs & S-VOCs were not tested for on this boring.
13FS-02	<u>1 / 1</u>	<u>4 / 4</u>	In field decision; S-VOCs were tested for on this boring on the basis of visual observations of the soils that indicated that contamination could be present. No detection of VOCs were noted on the HNu PID meter.
13FS-03	<u>1 / 1</u>	<u>4 / 4</u>	In field decision; The PID meter indicated VOC presence, and based on the logic used for 13FS-01, VOCs, and S-VOCs were tested for.
13FS-04	<u>1 / 1</u>	<u>4 / 4</u>	In field decision; PID meter indicated VOC presence, and based on the logic used for 13FS-01, VOCs, and S-VOCs were tested for.
13FS-05	<u>1 / 1</u>	<u>4 / 4</u>	In field decision; PID meter indicated VOC presence, and based on the logic used for 13FS-01, VOCs, and S-VOCs were

SEC Donohue Field Sampling analysis
TEAD-S
RCRA FACILITY INVESTIGATION
PHASE II Task Order 0001

Media Type	Borings	Sample Suites	change rationale
	Planned/Drilled	Planned/Sampled	
13FS-06	<u>1 / 1</u>	<u>4 / 4</u>	tested for.
13FS-07	<u>1 / 1</u>	<u>4 / 3</u>	In field decision; Sample attempt for 13FS-07-04 failed (no sample was recovered).
13FS-08	<u>1 / 1</u>	<u>4 / 4</u>	
13FS-09	<u>1 / 1</u>	<u>4 / 4</u>	In field decision. Boring was relocated slightly to the east for better assessability.
13FS-10	<u>1 / 1</u>	<u>4 / 4</u>	In field decision. PID meter indicated VOC presence, and based on the logic used for 13FS-01, VOCs, and S-VOCs were tested for. Boring was relocated slightly to the north for better assessability.
13FS-11	<u>1 / 0</u>	<u>4 / 0</u>	Boring was deleted due to inassessability and not being needed
13FS-12	<u>1 / 1</u>	<u>4 / 4</u>	In field decision. The PID meter indicated VOC presence, and based on the logic used for 13FS-01, VOCs, and S-VOCs were tested for.
13FS-13	<u>1 / 1</u>	<u>4 / 4</u>	
13FS-14	<u>1 / 1</u>	<u>4 / 4</u>	In field decision. The PID meter indicated VOC presence, and based on the logic used for 13FS-01, VOCs, and S-VOCs were tested for.
13FS-15	<u>1 / 1</u>	<u>4 / 4</u>	In field decision. The PID meter indicated VOC presence, and based on the logic used for 13FS-01, VOCs, and S-VOCs were tested for.
13FS-16	<u>1 / 0</u>	<u>4 / 0</u>	Boring was deleted due to inassessability.
13FS-17	<u>1 / 0</u>	<u>4 / 0</u>	Boring was deleted due to inassessability.
13FS-18	<u>1 / 1</u>	<u>4 / 4</u>	In field decision. The PID meter indicated VOC presence, and based on the logic used for 13FS-01, VOCs, and S-VOCs were tested for.
13FS-19	<u>1 / 1</u>	<u>4 / 4</u>	In field decision. The PID meter indicated VOC presence, and

B-38

SEC Donohue Field Sampling analysis
TEAD-S
RCRA FACILITY INVESTIGATION
PHASE II Task Order 0001

Media Type	Borings	Sample Suites	change rationale
	Planned/Drilled	Planned/Sampled	
13FS-20	<u>1 / 1</u>	<u>4 / 4</u>	based on the logic used for 13FS-01, VOCs, and S-VOCs were tested for.
			In field decision. The PID meter indicated VOC presence, and based on the logic used for 13FS-01, VOCs, and S-VOCs were tested for.
13FS-21	<u>1 / 1</u>	<u>4 / 4</u>	
13FS-22	<u>1 / 1</u>	<u>4 / 4</u>	In field decision. The PID meter indicated VOC presence, and based on the logic used for 13FS-01, VOCs, and S-VOCs were tested for.
13FS-23	<u>1 / 1</u>	<u>4 / 4</u>	In field decision. The PID meter indicated VOC presence, and based on the logic used for 13FS-01, VOCs, and S-VOCs were tested for.
13FS-24	<u>1 / 1</u>	<u>4 / 4</u>	In field decision. The PID meter indicated VOC presence, and based on the logic used for 13FS-01, VOCs, and S-VOCs were tested for.
13FS-25	<u>1 / 1</u>	<u>4 / 4</u>	
13FS-26	<u>1 / 1</u>	<u>4 / 4</u>	In field decision. The PID meter indicated VOC presence, and based on the logic used for 13FS-01, VOCs, and S-VOCs were tested for.
Land fill (CAMDS)			
13LF-01	<u>0 / 1</u>	<u>0 / 3</u>	This boring replaced 13BB-01 and was drilled with the approval of USATHAMA in order to sample the soil downgradient of the sewage lagoon.
13LF-02	<u>0 / 1</u>	<u>0 / 3</u>	This boring replaced 13BB-02 and was drilled with the approval of USATHAMA in order to sample the soil downgradient of the sewage lagoon.
Pavement Perimeter			
13PP-01	<u>1 / 1</u>	<u>3 / 3</u>	

B-39

SEC Donohue Field Sampling analysis
TEAD-S
RCRA FACILITY INVESTIGATION
PHASE II Task Order 0001

Media Type	Borings	Sample Suites	change rationale
	Planned/Drilled	Planned/Sampled	
13PP-02	<u>1 / 1</u>	<u>3 / 3</u>	
13PP-03	<u>1 / 1</u>	<u>3 / 3</u>	
Underground Storage Tanks (fuel)			
13US-01	<u>1 / 0</u>	<u>3 / 0</u>	In field decision: Deleted as being too far upgradient.
13US-02	<u>1 / 0</u>	<u>3 / 0</u>	In field decision: Deleted as being too far upgradient.
13US-03	<u>1 / 1</u>	<u>3 / 3</u>	In field decision: Relocated to give better downgradient coverage.
13US-04	<u>1 / 1</u>	<u>3 / 3</u>	
13US-05	<u>1 / 1</u>	<u>3 / 1</u>	In field decision: Relocated to give better downgradient coverage. This boring was only drilled to 4 ft due to the presence of buried metals indicated by the down hole magnetic survey
13US-06	<u>1 / 1</u>	<u>3 / 3</u>	In field decision: Relocated to give rig better access.
13US-07	<u>1 / 1</u>	<u>3 / 3</u>	In field decision: Relocated to give rig better access.
13US-08	<u>1 / 1</u>	<u>3 / 3</u>	In field decision: Relocated to give rig better access.
13US-09	<u>1 / 1</u>	<u>3 / 3</u>	In field decision: Relocated to give rig better access.
13US-10	<u>1 / 1</u>	<u>3 / 3</u>	In field decision: Relocated to give rig better access.
13US-11	<u>1 / 1</u>	<u>3 / 3</u>	In field decision: Relocated to give rig better access.
13US-12	<u>1 / 1</u>	<u>3 / 3</u>	In field decision: Relocated to obtain better define the horizontal extent of potential contamination.
13US-13	<u>1 / 1</u>	<u>3 / 4</u>	In field decision: Relocated to obtain better define the horizontal extent of potential contamination.
13US-14	<u>1 / 1</u>	<u>3 / 3</u>	In field decision: Relocated to obtain better define the horizontal extent of potential contamination.
13US-15	<u>1 / 1</u>	<u>3 / 3</u>	In field decision: Relocated to obtain better define the horizontal extent of potential contamination.
13US-16	<u>1 / 0</u>	<u>3 / 0</u>	In field decision: Deleted as not being needed
Well Borings			
S-76-91	<u>1 / 1</u>	<u>3 / 6</u>	Well was originally scheduled as a shallow well. Based on ground water levels during drilling operations, the well was converted to

B-40

SEC Donohue Field Sampling analysis
TEAD-S
RCRA FACILITY INVESTIGATION
PHASE II Task Order 0001

Media Type	Borings	Sample Suites	change rationale
	Planned/Drilled	Planned/Sampled	
S-77-91	<u>1 / 1</u>	<u>3 / 5</u>	to an intermediate depth well. Samples were collected for lithology and archiving purposes. Well was originally scheduled as a deep well. Based on ground water levels during drilling operations, the well was converted to an intermediate depth well. Samples were collected for lithology and archiving purposes.
S-78-91	<u>1 / 1</u>	<u>3 / 4</u>	Well was originally scheduled as a shallow well. Based on ground water levels during drilling operations, the well was converted to an intermediate depth well. Samples were collected for lithology and archiving purposes.
S-79-91	<u>1 / 1</u>	<u>3 / 4</u>	Well was originally scheduled as a deep well. Based on ground water levels during drilling operations, the well was converted to an intermediate depth well. Samples were collected for lithology and archiving purposes.
S-80-91	<u>1 / 1</u>	<u>3 / 3</u>	Well was originally scheduled as a shallow well. Based on ground water levels during drilling operations, the well was converted to an intermediate depth well. Samples were collected for lithology and archiving purposes.
S-81-92	<u>1 / 1</u>	<u>3 / 5</u>	Well was originally scheduled as a shallow well. Based on ground water levels during drilling operations, the well was converted to an intermediate depth well. Samples were collected for lithology and archiving purposes.
S-82-91	<u>1 / 1</u>	<u>3 / 6</u>	Well was originally planned as deep well, due to suspected sinking type analytes the well was set at the bottom of the first aquifer encountered. With the approval of USATHAMA, the well was constructed as an intermediate depth well (20-30ft). Samples were collected for lithology and archiving purposes.
S-83-91	<u>1 / 1</u>	<u>3 / 6</u>	Well was originally scheduled as a deep well. Based on ground water levels during drilling operations, the well was converted to

B-41

**SEC Donohue Field Sampling analysis
TEAD-S
RCRA FACILITY INVESTIGATION
PHASE II Task Order 0001**

Media Type	Borings	Sample Suites	change rationale
	Planned/Drilled	Planned/Sampled	
S-84-91	<u>1 / 1</u>	<u>3 / 3</u>	to an intermediate depth well. Samples were collected for lithology and archiving purposes. Well was originally scheduled as a deep well. Based on ground water levels during drilling operations, the well was converted to to an intermediate depth well. Samples were collected for lithology and archiving purposes.
S-85-91	<u>1 / 1</u>	<u>3 / 0</u>	Well was originally scheduled as a shallow well. Based on ground water levels during drilling operations, the well was converted to to an intermediate depth well. Samples were collected for lithology and archiving purposes.
S-86-91	<u>1 / 1</u>	<u>3 / 5</u>	In field decision. Samples were collected for lithology and archiving purposes
S-87-91	<u>1 / 1</u>	<u>3 / 3</u>	
S-88-91	<u>1 / 1</u>	<u>3 / 4</u>	The bore hole for this well contained no water. Therefore the well was abonadoned and grouted closed.
S-89-91		<u>3 / 6</u>	The bore hole for this well contained no water. Therefore the well was abonadoned and grouted closed.
S-90-91	<u>1 / 0</u>	<u>3 / 0</u>	This well was not drilled. Boring 13BG-08 was drilled in its place and was discovered to have no water. The well was therefore deleted from the drilling schedule.
S-91-91	<u>1 / 1</u>	<u>3 / 6</u>	Well was originally scheduled as a shallow well. Based on ground water levels during drilling operations, the well was converted to to an intermediate depth well. Samples were collected for lithology and archiving purposes.
S-92-91	<u>0 / 1</u>	<u>3 / 0</u>	Well was added in the field, with USATHAMA approval, to monitor the northern sewage lagoon. Boring 13BG-06 was drilled and sampled first. The well was then added in the field on the basis of the information obtained during the drilling of Boring 13BG-06. It was drilled to an intermediate depth (based on the ground water

B-42

SEC Donohue Field Sampling analysis
TEAD-S
RCRA FACILITY INVESTIGATION
PHASE II Task Order 0001

Media Type	Borings Planned/Drilled	Sample Suites Planned/Sampled	change rationale
(Drilled & Sampled)			
S-76-91	<u>1 / 1</u>	<u>1 / 1</u>	
S-77-91	<u>1 / 1</u>	<u>1 / 1</u>	
S-78-91	<u>1 / 1</u>	<u>1 / 1</u>	
S-79-91	<u>1 / 1</u>	<u>1 / 1</u>	
S-80-91	<u>1 / 1</u>	<u>1 / 1</u>	
S-81-91	<u>1 / 1</u>	<u>1 / 1</u>	
S-82-91	<u>1 / 1</u>	<u>1 / 1</u>	
S-83-91	<u>1 / 1</u>	<u>1 / 1</u>	
S-84-91	<u>1 / 1</u>	<u>1 / 1</u>	
S-85-91	<u>1 / 1</u>	<u>1 / 1</u>	
S-86-91	<u>1 / 1</u>	<u>1 / 1</u>	
S-87-91	<u>1 / 1</u>	<u>1 / 1</u>	
S-91-91	<u>1 / 1</u>	<u>1 / 1</u>	
S-92-91	<u>1 / 1</u>	<u>1 / 1</u>	
SWMU 17			
Background Boring (SWMU 17)			
17BG-01	<u>1 / 1</u>	<u>2 / 2</u>	
Drum Storage Area (SWMU 17)			
17DS-01	<u>1 / 1</u>	<u>5 / 5</u>	
17DS-02	<u>1 / 1</u>	<u>5 / 5</u>	Hole was attempted. It could not be cleared below four feet by the field ordnance locators. The hole was abandoned at four feet.
17DS-03	<u>1 / 1</u>	<u>5 / 4</u>	Sample number 17DS-03-3 was attempted. No sample was recovered.
17DS-04	<u>1 / 1</u>	<u>5 / 5</u>	Sample number 17DS-04-3 was attempted. No sample was recovered.
17DS-05	<u>1 / 1</u>	<u>5 / 5</u>	
17DS-06	<u>1 / 1</u>	<u>5 / 1</u>	Hole was attempted. It could not be cleared below four feet by the field ordnance locators. The hole was abandoned at four feet.

B-44

SEC Donohue Field Sampling analysis
TEAD-S
RCRA FACILITY INVESTIGATION
PHASE II Task Order 0001

Media Type	Borings	Sample Suites	change rationale
	Planned/Drilled	Planned/Sampled	
17DS-07	<u>1 / 1</u>	<u>5 / 1</u>	Hole was attempted. It could not be cleared below four feet by the field ordnance locators. The hole was abandoned at four feet.
17DS-08	<u>1 / 1</u>	<u>5 / 1</u>	Hole was attempted. It could not be cleared below four feet by the field ordnance locators. The hole was abandoned at four feet.
17DS-09	<u>1 / 1</u>	<u>5 / 1</u>	Hole was attempted. It could not be cleared below four feet by the field ordnance locators. The hole was abandoned at four feet.
17DS-10	<u>1 / 0</u>	<u>5 / 0</u>	Due to being unable to clear the subsurface to drill in this area this hole was deleted
17DS-11	<u>1 / 0</u>	<u>5 / 0</u>	Due to being unable to clear the subsurface to drill in this area this hole was deleted
17DS-12	<u>1 / 0</u>	<u>5 / 0</u>	Due to being unable to clear the subsurface to drill in this area this hole was deleted
Fuel Spill Area (SWMU 17)			
17FS-01	<u>1 / 1</u>	<u>5 / 1</u>	Hole was attempted. It could not be cleared below four feet by the field ordnance locators. The hole was abandoned at four feet.
17FS-02	<u>1 / 1</u>	<u>5 / 5</u>	
17FS-03	<u>1 / 1</u>	<u>5 / 1</u>	Hole was attempted. It could not be cleared below four feet by the field ordnance locators. The hole was abandoned at four feet.
17FS-04	<u>1 / 1</u>	<u>5 / 5</u>	
17FS-05	<u>1 / 1</u>	<u>5 / 5</u>	
17FS-06	<u>1 / 1</u>	<u>5 / 1</u>	Hole was attempted. It could not be cleared below four feet by the field ordnance locators. The hole was abandoned at four feet.
17FS-07	<u>1 / 1</u>	<u>5 / 1</u>	Hole was attempted. It could not be cleared below four feet by the field ordnance locators. The hole was abandoned at four feet.
17FS-08	<u>1 / 1</u>	<u>5 / 1</u>	Hole was attempted. It could not be cleared below four feet by the field ordnance locators. The hole was abandoned at four feet.

B-45