FORSCOM

Final Interim Removal Action Report

3d Inf Div (Mech)

Former 724th Tanker Purging Station (SWMU 26) at Fort Stewart, Georgia

May 2001

Prepared for:
ADVANCED INFRASTRUCTURE MANAGEMENT TECHNOLOGIES
Oak Ridge, Tennessee 37831-7606
Managed by
BWXT Y-12, L.L.C.
For the
U.S. DEPARTMENT OF ENERGY
under contract DE-AC05-00OR22800

Prepared by:
Earth Tech, Inc.
117A Broadway Avenue
Oak Ridge, Tennessee 37830

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at
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FORMER 724th TANKER PURGING STATION (SWMU 26)
INTERIM REMOVAL ACTION

1. INTRODUCTION

This report documents the Interim Removal Action (IRA) conducted by Earth Tech, Inc. (Earth Tech) from January 2-19, 2001 at Fort Stewart's Former 724th Tanker Purging Station (TPS): Solid Waste Management Unit (SWMU) 26. The IRA included the removal of a 10-inch concrete pad that was an estimated 24 feet by 38 feet; removal of approximately 2,284 tons of soil; and removal of various monitoring wells, piezometers, and injection wells associated with previous and on-going investigations and remedial actions at SWMU 26 at Fort Stewart, Georgia. Photodocumentation of site activities is located in Appendix A of this report.

2. SITE LOCATION AND HISTORY

The Former 724th TPS was an area where tanker trailers that carried JP-4 jet fuel, diesel, and MOGAS were routinely cleaned. The Former 724th TPS was located in the western cantonment area in the 1800 block of McFarland Avenue, at the western end of the fuel truck parking area. The Former 724th TPS occupied an area approximately 30 feet by 50 feet located between the chain-link fence at the parking area (western end) and a shallow swale approximately 25 feet to the west. The facilities included an underground waste oil tank and oil/water separator, an aboveground storage tank that received water after oil/water phase separation, and an underground pump with surface access and pumping controls for pumping water into the aboveground storage tank.

The Former 724th TPS was constructed in 1982 and taken out of service in March 1996. During August 1996 the purging station was dismantled, the underground facilities were removed, and approximately 525 cubic yards of contaminated soil were excavated and replaced with clean backfill. Soil was excavated to the water table at the former facility (approximate depth of 3 to 10 feet) and to a depth of 6 inches in the adjacent swale. Equipment, aboveground and below ground, was removed from the site during removal activities.

Potentially contaminated materials used or generated at the Former 724th TPS included waste liquids from the purging of fuel tankers. These waste liquids contained assorted petroleum hydrocarbons, such as diesel, JP-4, and MOGAS. In addition, various additives, which included Citrikleen™ (Pentebose Corp.), purging fluid MIL-F-38299B AM.2 (Exxon Chemicals America), and a petroleum distillate-based purging solution (Continental Chemicals Corp.) were added to the purging water to aid in the cleaning of the fuel tankers (SAIC, 2000).

3. SOIL REMOVAL ACTIVITIES

Prior to excavation activities, approximately 60 feet of chain linked fencing was moved from the anticipated excavation area. The fencing was placed to the side for reinstallation after the completion of the IRA. After the fencing was moved and the concrete pad removed, an excavation area of approximately 90 feet by 70 feet was created. The site was undercut to a depth of 7 to 9 feet below ground surface (bgs). All excavated concrete was disposed of at the Fort Stewart Landfill #1 as construction waste. All excavated soil (2,283.6 tons) was disposed of at Soil Safe Technologies, Inc. A copy of the disposal ticket for the excavated soil is located in Appendix B of this report.

During excavation activities, various groundwater monitoring wells, groundwater piezometers, and injection wells were removed. These were wells that were installed to conduct previous and on-going investigation and remedial activities at the site. The groundwater monitoring wells that were removed included MW-2 and MW-4. The piezometers that were removed included TP-2, TP-3, TP-4, TP-5, TP-34, and TP-35. Injection well BS-01 was also removed.

Screening samples were taken during excavation activities. Table 3-1 summarizes the sample number, sample identification, date, location and description, and results for each screening sample. The laboratory analytical results for the screening samples are located in Appendix C. All screening samples were analyzed for benzene using Encore ™ samplers. Eleven screening samples were collected on January 4, 2001 (26A411, 26A111, 26A211, 26A311, 26A511, 26A611, 26A711, 26A811, 26A911, 26A011, and 26AA11). Following the receipt of the analytical results, additional soil was excavated from areas where the results indicated the presence of benzene over 100 µg/kg. The soil was excavated primarily from the northwest wall, northeast wall, and the south corner. Following the additional excavation, eight screening samples were collected on January 10, 2001 (26AB11, 26AC11, 26AD11, 26AE11, 26AF11, 26AG11, 26AH11, 26AJ11). Following the review of the analytical data for the eight screening samples, the decision was made to discontinue excavation activities.

Confirmatory samples were taken following excavation activities. All samples were analyzed for volatile organic compounds (VOCs) and semivolatile organic compounds (SVOCs). Seven soil samples (FTS-SWMU26-1 through FTS-SWMU26-7) were collected; four from the side walls (FTS-SWMU26-1, FTS-SWMU26-5, FTS-SWMU26-6, FTS-SWMU26-7) and three from the floor (FTS-SWMU26-2, FTS-SWMU26-3, FTS-SWMU26-4) of the excavation. A duplicate sample (FTS-SWMU26-8) was taken with sample FTS-SWMU26-7. The sample locations were determined by SAIC personnel, and are indicated on the sample location map (Figure 3-1). Analytical data are presented in Section 4.0.

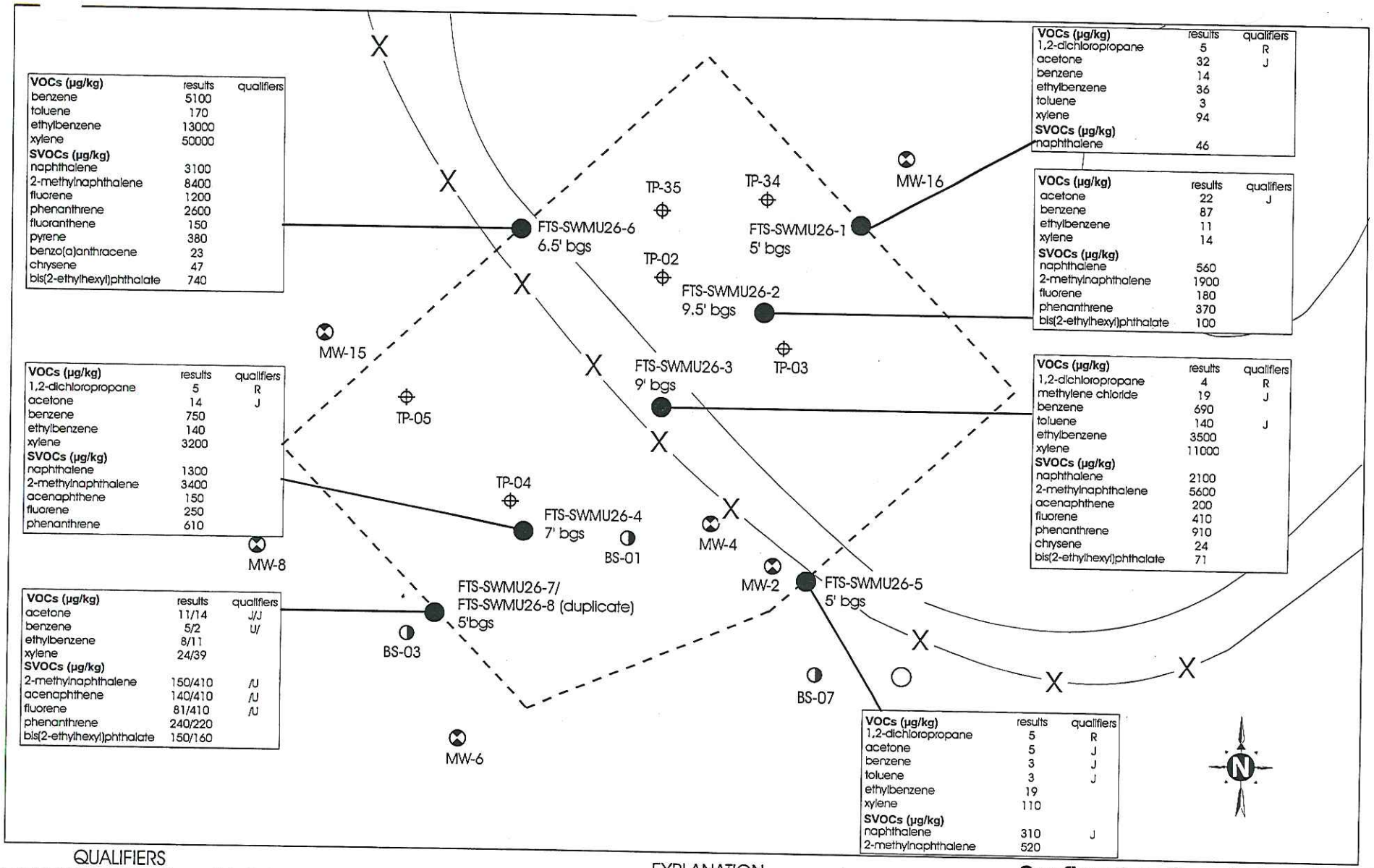
The site was backfilled upon completion of overexcavation activities. Approximately 1,862 cubic yards of soil and 637 tons of crush and run gravel were used to backfill the

excavation. Approximately 400 square yards of the previously excavated area was covered with 3.5 inches of hot mix asphalt. The remainder of the area was overseeded.

Table 3.1 Screening Results

Sample Number	Sample ID	Date Collected	Location and Description	Benzene Results (µg/kg)
1	26A111	01/04/2001	Below sand, 1 ft above bottom	11,500
2	26A211	01/04/2001	In sand, 4 ft above bottom	<109
3	26A311	01/04/2001	Below sand, 2 ft above bottom	315
4	26A411	01/04/2001	In sand (discolored), 3 ft above bottom	<116
5	26A511	01/04/2001	Black silt (wet), 1.5 ft above bottom (paint thinner odor)	8480
6	26A611	01/04/2001	above concrete pad, 3 ft above pad, 2 ft below surface	<94.3
7	26A711	01/04/2001	clay, 1 ft above bottom	311
8	26A811	01/04/2001	clay, 1 ft above bottom	506
9	26A911	01/04/2001	silty clay	118
10	26A011	01/04/2001	soft clay, 2 ft above bottom	<87.7
11	26AA11	01/04/2001	sand (wet), 1.5 ft above bottom	<106
12	26AB11	01/10/2001	clay, 2 to 3 ft above bottom	75.6
13	26AC11	01/10/2001	clay, 2 to 3 ft above bottom	183
14	26AD11	01/10/2001	clay, 2 to 3 ft above bottom	0.87
15	26AE11	01/10/2001	clay, 2 to 3 ft above bottom	15.8
16	26AF11	01/10/2001	clay, 2 to 3 ft above bottom	23.6
17	26AG11	01/10/2001	clay, 2 to 3 ft above bottom	566
18	26AH11	01/10/2001	clay, 2 to 3 ft above bottom	2.8
19	26AJ11	01/10/2001	clay, 2 to 3 ft above bottom	765

µg/kg = micrograms per kilogram



QUALIFIERS

U=analyte not detected above the quantitation limit

J=estimated value below the reporting limit

R=indicates that the sample results for the compound are unusable due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the compound cannot be verified.

EXPLANATION

- Soil Sample Locations
- Injection Well Locations
- Groundwater Monitoring Well Locations
- Temporary Piezometer Groundwater Sampling Locations

Wells located within the extent of excavation were removed.

- Extent of excavation
- Utility pole
- —X— Fence

purgef.cdr

0 10 20 Feet

Confirmatory Sample Location Map
Former 724th TPS
SWMU 26
Fort Stewart, Georgia

Figure 3-1

4. CONFIRMATION SAMPLING

Samples for SVOCs were collected and placed directly into the appropriate sampling containers provided by the laboratory. Samples for VOCs were collected using the EnCore™ sampler.

Information pertaining to the soil sampling is presented in Table 4-1. The table includes sample name, sample date, and sample collection depth.

Table 4.1 Confirmatory Sampling Information

Confirmatory Sample Name	Confirmatory Sample Date	Confirmatory Sample Collection Depth (feet bgs)
FTS-SWMU26-1	January 16, 2001	5.0
FTS-SWMU26-2	January 16, 2001	9.5
FTS-SWMU26-3	January 16, 2001	9.0
FTS-SWMU26-4	January 16, 2001	7.0
FTS-SWMU26-5	January 16, 2001	5.0
FTS-SWMU26-6	January 16, 2001	6.5
FTS-SWMU26-7	January 16, 2001	5.0
FTS-SWMU26-8 (duplicate)	January 16, 2001	5.0

The results for the seven soil confirmation and one duplicate samples are summarized in Table 4-2. In addition, Table 4-2 compares the sample results to the remedial levels established in the Corrective Action Plan (SAIC, 2000) The complete validated data set is included in Appendix D.

Table 4.2 Summary of Analytes Detected in Soil

Analyte	Remedial Level [a] (µg/kg)	FTS-SWMU26-1		FTS-SWMU26-2		FTS-SWMU26-3		FTS-SWMU26-4		FTS-SWMU26-5		FTS-SWMU26-6		FTS-SWMU26-7/ FTS-SWMU26-8	
		results	qualifiers	results	qualifiers	results	qualifiers	results	qualifiers	results	qualifiers	results	qualifiers	results	qualifiers
VOCs (µg/kg)															
1,2-dichloropropane		5	R			4	R	5	R	5	R				
acetone	370	32	J	22	J			14	J	5	J			11/14	J/J
benzene	20	14		87		690		750		3	J	5100		5/2	U/
ethylbenzene	3100	36		11		3500		140		19		13000		8/11	
methylene chloride						19	J								
toluene	4200	3				140	J			3		170			
xylene (total)	31700	94		14		11000		3200		110		50000		24/39	
SVOCs (µg/kg)															
2-methylnaphthalene				1900		5600		3400		520		8400		150/410	/U
acenaphthene						200		150						140/410	/U
benzo(a)anthracene												23			
bis(2-ethylhexyl)phthalate				100		71						740		150/160	
chrysene						24						47			
fluoranthene												150			
fluorene				180		410		250				1200		81/410	/U
naphthalene	600	46		560		2100		1300		310	J	3100			
phenanthrene				370		910		610				2600		240/220	
pyrene												380			

[a] = Remedial Levels for soil as stated in the Corrective Action Plan (SAIC, 2000).

Qualifiers
U = analyte not detected above the quantitation limit
J = estimated value below the reporting limit
R = Indicates that the sample results for the compound are unusable due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the compound cannot be verified.

5. SAMPLE RESULTS

The confirmatory samples collected after excavation activities indicate contamination above the remedial level for all three of the floor samples (FTS-SWMU26-2, FTS-SWMU26-3, and FTS-SWMU26-4) and the northwest wall sample (FTS-SWMU26-6). Analytes detected for the other three sample locations (i.e., northeast, southeast, and southwest walls) were below their respective remedial levels.

Sample FTS-SWMU26-2, which was taken from the northeast end of the excavation floor, contained benzene (87 µg/kg) above the remedial level of 20 µg/kg.

Sample FTS-SWMU26-3, which was taken from the middle of the excavation floor, contained benzene (690 µg/kg), ethylbenzene (3500 µg/kg), and naphthalene (2100 µg/kg) above their remedial levels of 20 µg/kg, 3100 µg/kg, and 600 µg/kg, respectively.

Sample FTS-SWMU26-4, which was taken from the southwest end of the excavation floor, contained benzene (750 µg/kg) and naphthalene (1300 µg/kg) above their remedial levels of 20 µg/kg and 600 µg/kg, respectively.

Sample FTS-SWMU26-6, which was taken from the northwest wall of the excavation, contained benzene (5100 µg/kg), ethylbenzene (13000 µg/kg), xylenes (50000 µg/kg), and naphthalene (3100 µg/kg) above their remedial levels of 20 µg/kg, 3100 µg/kg, 31700 µg/kg, and 600 µg/kg, respectively.

6. CONCLUSIONS AND RECOMMENDATIONS

The confirmatory samples collected after excavation activities indicate that contamination above remedial levels still remain in the areas of all three floor samples and the northwest wall sample at SWMU 26. Due to on-going corrective actions at the facility in accordance with the GA EPD approved Corrective Action Plan, and the pending submittal of the 4th Corrective Action Progress Report to the Georgia Environmental Protection Division on June 5, 2001, no further conclusions or recommendations are made in this report. Please see the 4th Corrective Action Progress Report for site-specific recommendations.

7. REFERENCES

Science Applications International Corporation (SAIC), 2000. *Corrective Action Plan for the Former 724th Tanker Purging Station (SWMU 26) at Fort Stewart, Georgia*

APPENDIX A

PHOTODOCUMENTATION

Former 724th TPS: Former 724th TPS prior to Interim Removal Action.

Former 724th TPS: Removal of contaminated soil at the Former 724th TPS.

Former 724th TPS: Part of excavation area at the Former 724th TPS.

Former 724th TPS: Former 724th TPS area after backfilling.

Former 724th TPS: Former 724th TPS area after restoration.

APPENDIX B

SOIL DISPOSAL TICKET

INTAKE SUMMARY FOR JOB NUMBER: SST1414

CUSTOMER: Earth Tech
GENERATOR: U.S. Army Fort Stewart
MATERIAL TYPE: Petroleum Contaminated Soil

TOTAL TONS: 2283.6

LOG NUMBER	DATE INTAKE	TRUCK NUMBER	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT	NET TONS
1414001	1/9/01	KD81	55320	21680	33640	16.82
1414002	1/9/01	OO7	49800	22580	27220	13.61
1414003	1/9/01	GR104	55980	20780	35200	17.60
1414004	1/9/01	370	51760	21020	30740	15.37
1414005	1/9/01	BH1	55500	21180	34320	17.16
1414006	1/9/01	3217	56880	23540	33340	16.67
1414007	1/9/01	BH27	52540	20580	31960	15.98
1414008	1/9/01	SB1	56940	23080	33860	16.93
1414009	1/9/01	66	57320	22860	34460	17.23
1414010	1/9/01	MS1207	47220	22360	24860	12.43
1414011	1/10/01	SB1	56300	23080	33220	16.61
1414012	1/10/01	66	55680	22920	32760	16.38
1414013	1/10/01	3217	59000	23540	35460	17.73
1414014	1/10/01	BH1	55500	21180	34320	17.16
1414015	1/10/01	OO7	53480	22580	30900	15.45
1414016	1/10/01	GR104	50900	20780	30120	15.06
1414017	1/10/01	370	52240	21020	31220	15.61
1414018	1/10/01	RH00	54240	22840	31400	15.70
1414019	1/10/01	BN27	51120	20580	30540	15.27
1414020	1/10/01	67	54680	23900	30780	15.39
1414021	1/10/01	24	45960	22200	23760	11.88
1414022	1/10/01	66	52320	22920	29400	14.70
1414023	1/10/01	MT46	47440	22380	25060	12.53
1414024	1/10/01	KD110	57360	23480	33880	16.94
1414025	1/10/01	BH1	52800	21180	31620	15.81
1414026	1/10/01	3217	49580	23540	26040	13.02
1414027	1/10/01	OO7	49640	22580	27060	13.53
1414028	1/10/01	SB1	46280	23080	23200	11.60
1414029	1/10/01	370	48100	21020	27080	13.54
1414030	1/10/01	GR104	50500	20780	29720	14.86
1414031	1/10/01	RH00	52580	22840	29740	14.87
1414032	1/10/01	BN27	48460	20380	28080	14.04
1414033	1/10/01	24	50100	22200	27900	13.95
1414034	1/10/01	GR104	52020	20780	31240	15.62
1414035	1/10/01	370	53260	21020	32240	16.12
1414036	1/10/01	KD110	56460	23480	32980	16.49
1414037	1/10/01	KD46	51600	22380	29220	14.61
1414038	1/10/01	66	55700	22920	32780	16.39
1414039	1/10/01	RH1	51240	23080	28160	14.08
1414040	1/10/01	3217	52640	23540	29100	14.55
1414041	1/9/01	370	45960	21020	24940	12.47
1414042	1/9/01	KD125	56120	24820	31300	15.65
1414043	1/9/01	BN27	48400	20580	27820	13.91
1414044	1/9/01	OO7	51200	22580	28620	14.31

INTAKE SUMMARY FOR JOB NUMBER: SST1414

CUSTOMER: Earth Tech
GENERATOR: U.S. Army Fort Stewart
MATERIAL TYPE: Petroleum Contaminated Soil

TOTAL TONS: 2283.6

LOG NUMBER	DATE INTAKE	TRUCK NUMBER	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT	NET TONS
1414045	1/9/01	MS1207	47400	22360	25040	12.52
1414046	1/9/01	BH1	55460	21180	34280	17.14
1414047	1/9/01	3217	50880	23540	27340	13.67
1414048	1/9/01	KD46	48960	22380	26580	13.29
1414049	1/9/01	67	51600	23900	27700	13.85
1414050	1/9/01	66	54720	22860	31860	15.93
1414051	1/9/01	RH00	51980	22840	29140	14.57
1414052	1/9/01	KD24	50780	22200	28580	14.29
1414053	1/9/01	SM38	48820	21200	27620	13.81
1414054	1/9/01	KD81	55700	21680	34020	17.01
1414055	1/9/01	GR104	51680	20780	30900	15.45
1414056	1/9/01	SB1	51980	20580	31400	15.70
1414057	1/9/01	KD125	56380	24820	31560	15.78
1414058	1/9/01	370	53080	21020	32060	16.03
1414059	1/9/01	3217	58500	23540	34960	17.48
1414060	1/9/01	BH1	49260	21180	28080	14.04
1414061	1/9/01	OO7	49340	22580	26760	13.38
1414062	1/9/01	BN27	50800	20580	30220	15.11
1414063	1/9/01				0	0.00
1414064	1/9/01	MS1207	50100	22360	27740	13.87
1414065	1/9/01	KD46	51280	22380	28900	14.45
1414066	1/9/01	SM38	55160	21200	33960	16.98
1414067	1/9/01	SM38	54400	21200	33200	16.60
1414068	1/9/01	66	52820	22860	29960	14.98
1414069	1/9/01	67	52880	23900	28980	14.49
1414070	1/9/01	67	53780	23900	29880	14.94
1414071	1/9/01	KD24	45960	22200	23760	11.88
1414072	1/9/01	KD24	53760	22200	31560	15.78
1414073	1/9/01	RH00	51660	22840	28820	14.41
1414074	1/9/01	RH00	61880	22840	39040	19.52
1414075	1/9/01	SB1	53780	23080	30700	15.35
1414076	1/9/01	KD81	51440	21680	29760	14.88
1414077	1/9/01	GR104	53820	20780	33040	16.52
1414078	1/9/01	3217	59200	23540	35660	17.83
1414079	1/9/01	BH1	56540	21180	35360	17.68
1414080	1/9/01	370	51800	21020	30780	15.39
1414081	1/9/01	MS1207	42340	22360	19980	9.99
1414082	1/9/01	OO7	52900	22580	30320	15.16
1414083	1/9/01	BN27	50080	20580	29500	14.75
1414084	1/10/01	RH00	56260	22840	33420	16.71
1414085	1/10/01	BN27	53800	20580	33220	16.61
1414086	1/10/01	67	53560	23900	29660	14.83
1414087	1/10/01	KD106	52860	22580	30280	15.14
1414088	1/10/01	KD95	55760	22640	33120	16.56

INTAKE SUMMARY FOR JOB NUMBER: SST1414

CUSTOMER: Earth Tech
GENERATOR: U.S. Army Fort Stewart
MATERIAL TYPE: Petroleum Contaminated Soil

TOTAL TONS: 2283.6

LOG NUMBER	DATE INTAKE	TRUCK NUMBER	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT	NET TONS
1414089	1/10/01	KD97	53100	23080	30020	15.01
1414090	1/10/01	KD116	61680	23580	38100	19.05
1414091	1/10/01	KD117	59140	22000	37140	18.57
1414092	1/10/01	SB1	50540	23080	27460	13.73
1414093	1/10/01	OO7	51640	22580	29060	14.53
1414094	1/10/01	RH00	55360	22840	32520	16.26
1414095	1/10/01	BN27	56460	20580	35880	17.94
1414096	1/10/01	67	50440	23900	26540	13.27
1414097	1/10/01	24	53120	22200	30920	15.46
1414098	1/10/01	KD110	53760	23480	30280	15.14
1414099	1/10/01	MT46	47000	22380	24620	12.31
1414100	1/10/01	KD46	52720	22380	30340	15.17
1414101	1/10/01	10/21/08	61800	23540	38260	19.13
1414102	1/10/01	OO7	59060	22580	36480	18.24
1414103	1/10/01	SB1	54040	23080	30960	15.48
1414104	1/10/01	66	55760	22920	32840	16.42
1414105	1/10/01	KD110	62800	23480	39320	19.66
1414106	1/10/01	KD46	53560	22380	31180	15.59
1414107	1/10/01	KD124	57400	24620	32780	16.39
1414108	1/11/01	370	55400	21020	34380	17.19
1414109	1/11/01	3217	64760	23540	41220	20.61
1414110	1/11/01	GR104	60680	20780	39900	19.95
1414111	1/11/01	BN27	56080	20580	35500	17.75
1414112	1/11/01	OO7	60000	22580	37420	18.71
1414113	1/11/01	RH00	59460	22740	36720	18.36
1414114	1/11/01	KD24	50360	22200	28160	14.08
1414115	1/11/01	370	51620	21020	30600	15.30
1414116	1/11/01	OO7	54040	22580	31460	15.73
1414117	1/11/01	3217	61200	23540	37660	18.83
1414118	1/11/01	GR104	55880	20780	35100	17.55
1414119	1/11/01	BN27	55960	20580	35380	17.69
1414120	1/11/01	24	54520	22200	32320	16.16
1414121	1/11/01	RH00	61940	22740	39200	19.60
1414122	1/11/01	MC153	51500	23080	28420	14.21
1414123	1/11/01	66	58040	22920	35120	17.56
1414124	1/11/01	MC153	51240	23080	28160	14.08
1414125	1/11/01	MC66	58080	22920	35160	17.58
1414126	1/11/01	3217	54100	23540	30560	15.28
1414127	1/11/01	370	49580	21020	28560	14.28
1414128	1/11/01	OO7	52140	22580	29560	14.78
1414129	1/11/01	BN27	54780	20580	34200	17.10
1414130	1/11/01	RH00	58400	22740	35660	17.83
1414131	1/11/01	GR104	52260	20780	31480	15.74
1414132	1/11/01	KD24	50240	22200	28040	14.02

INTAKE SUMMARY FOR JOB NUMBER: SST1414

CUSTOMER: Earth Tech
GENERATOR: U.S. Army Fort Stewart
MATERIAL TYPE: Petroleum Contaminated Soil

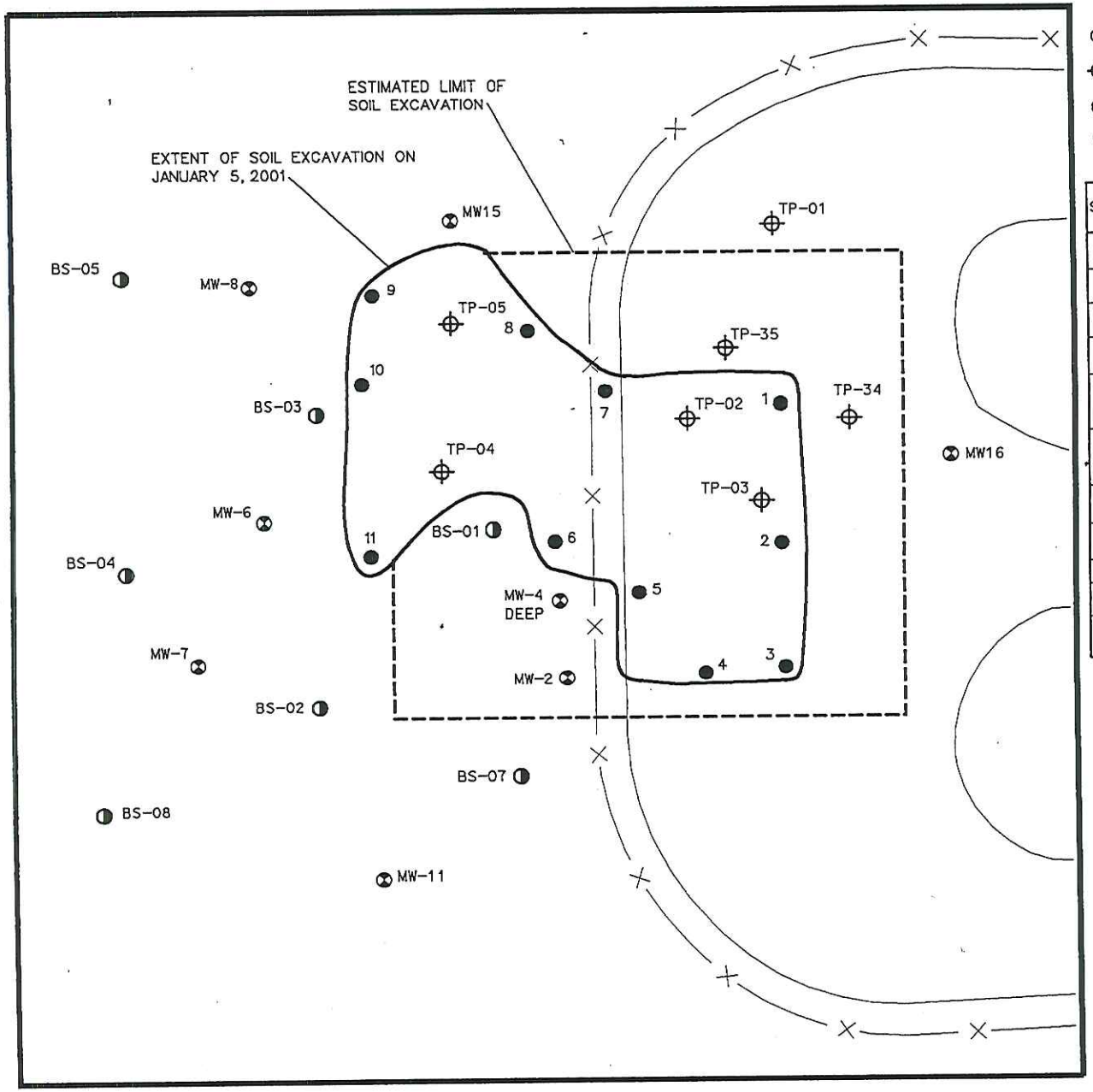
TOTAL TONS: 2283.6

LOG NUMBER	DATE INTAKE	TRUCK NUMBER	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT	NET TONS
1414133	1/11/01	OO7	55940	22580	33360	16.68
1414134	1/11/01	MC66	57620	22920	34700	17.35
1414135	1/11/01	MC153	52120	23080	29040	14.52
1414136	1/11/01	3217	58340	23540	34800	17.40
1414137	1/11/01	RH00	58740	22740	36000	18.00
1414138	1/11/01	GR104	54660	20780	33880	16.94
1414139	1/11/01	RD24	47200	22200	25000	12.50
1414140	1/11/01	MC66	57420	22920	34500	17.25
1414141	1/11/01	370	53860	21020	32840	16.42
1414142	1/11/01	BN27	51700	20580	31120	15.56
1414143	1/17/01	3217	52480	23540	28940	14.47
1414144	1/17/01	OO7	48900	22580	26320	13.16
1414145	1/17/01	BH 1	53940	21180	32760	16.38
1414146	1/17/01	KD 138	57960	26100	31860	15.93
1414147	1/17/01	BH 1	48600	21180	27420	13.71

APPENDIX C

SCREENING ANALYTICAL DATA

SCREENING SAMPLE LOCATION MAPS



LEGEND

- GROUNDWATER MONITORING WELL LOCATIONS
- TEMPORARY PIEZOMETER GROUNDWATER SAMPLING LOCATIONS
- INJECTION WELL LOCATIONS
- SOIL SAMPLE LOCATIONS DURING EXCAVATION

SOIL SCREENING SAMPLE	DESCRIPTION/ LOCATION	BENZENE (ug/kg)
1	BELOW SAND 1 FT ABOVE BOTTOM	11,500
2	IN SAND 4 FT ABOVE BOTTOM	<109
3	BELOW SAND 2 FT ABOVE BOTTOM	315
4	IN SAND (DISCOLORED) 3 FT ABOVE BOTTOM	<116
5	BLACK SILT (WET) 1.5 FT ABOVE BOTTOM (PAINT THINNER ODOR)	8480
6	ABOVE CONCRETE PAD 3 FT ABOVE PAD 2 FT BELOW SURFACE	<94.3
7	CLAY 1 FT ABOVE BOTTOM	311
8	CLAY 1 FT ABOVE BOTTOM	506
9	SILTY CLAY	118
10	SOFT CLAY 25FT ABOVE SANDLAYER BOTTOM	<87.7
11	1.5 FT. ABOVE BOTTOM	<106

0 15 30

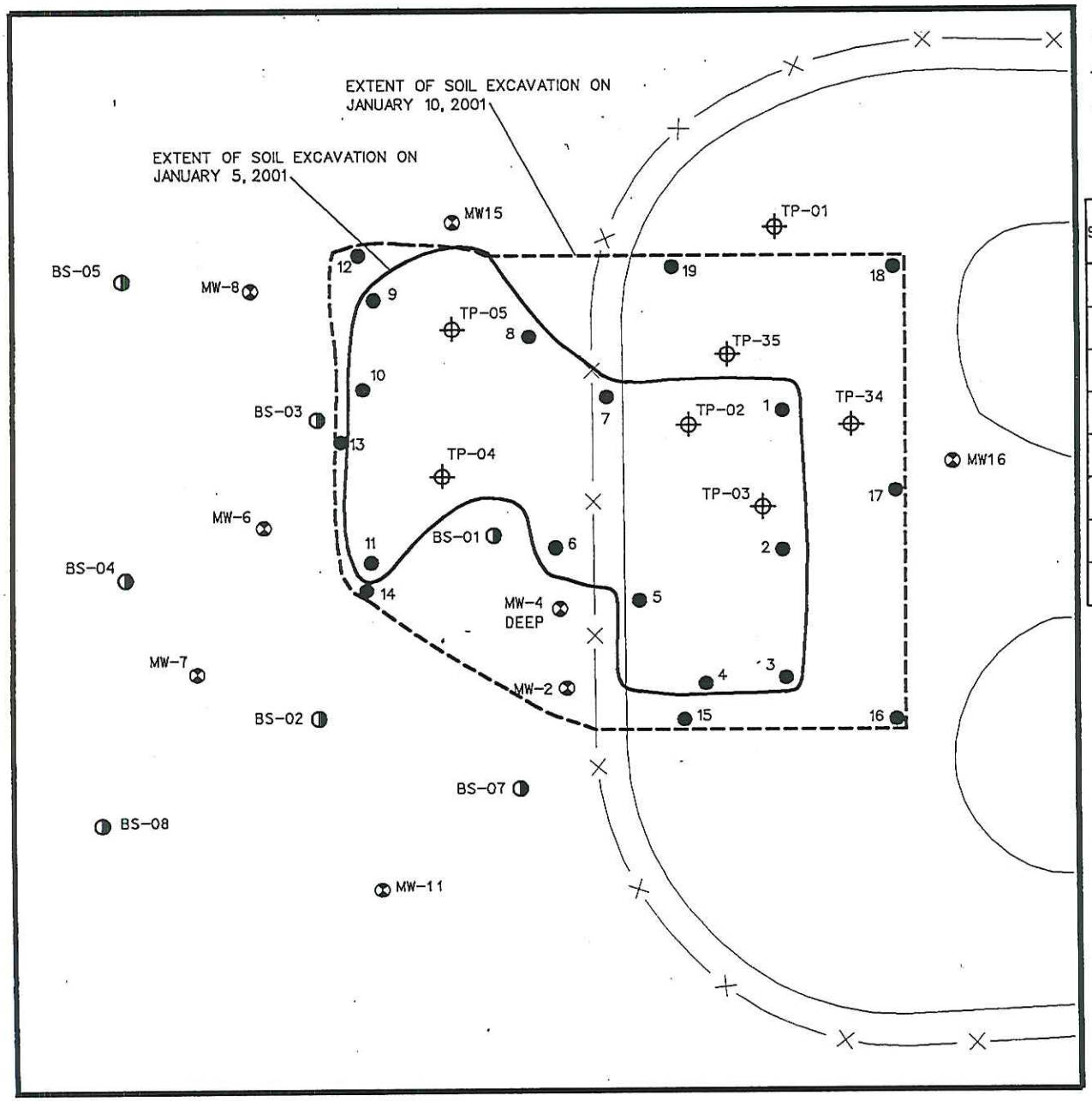
SCALE: 1" = 30'

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
SAVANNAH, GEORGIA

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
SAVANNAH, GEORGIA

FORMER 724TH TANKER PURGING STATION
SOIL EXCAVATION AS OF 01/05/2001

DRAWN BY:	REV. NO./DATE:	CAD FILE:
J. LAMB	0/01/05/01	96016/DGNS/K66C004L.DGN



LEGEND

- GROUNDWATER MONITORING WELL LOCATIONS
- TEMPORARY PIEZOMETER GROUNDWATER SAMPLING LOCATIONS
- INJECTION WELL LOCATIONS
- SOIL SAMPLE LOCATIONS DURING EXCAVATION

SOIL SCREENING SAMPLE	DESCRIPTION/ LOCATION	BENZENE (ug/kg)
12	CLAY 2 TO 3 FT ABOVE BOTTOM	75.6
13	CLAY 2 TO 3 FT ABOVE BOTTOM	183
14	CLAY 2 TO 3 FT ABOVE BOTTOM	Ø.87
15	CLAY 2 TO 3 FT ABOVE BOTTOM	15.8
16	CLAY 2 TO 3 FT ABOVE BOTTOM	23.6
17	CLAY 2 TO 3 FT ABOVE BOTTOM	566
18	CLAY 2 TO 3 FT ABOVE BOTTOM	2.8
19	CLAY 2 TO 3 FT ABOVE BOTTOM	765

0 15 30

SCALE: 1" = 30'

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
SAVANNAH, GEORGIA

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
SAVANNAH, GEORGIA

FORMER 724TH TANKER PURGING STATION
SOIL EXCAVATION AS OF 01/10/2001

DRAWN BY:	REV. NO./DATE:	CAD FILE:
J. LAMB	0/01/17/01	96016/DGNS/K66C004M.DGN

SCREENING ANALYTICAL RESULTS

Science Applications International Corporation — An Employee-Owned Company

0 Oak Ridge Turnpike, Oak Ridge, TN 37831 (423) 481-4600

CHAIN OF CUSTODY RECORD

COC NO.: GTF 011

PROJECT NAME: Ft. Stewart-Tanker Purge

PROJECT NUMBER: 01-1624-04-2260-200

PROJECT MANAGER: Patty Stoll

Sampler (Signature): Laura Lumley (Printed Name): Laura Lumley

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Raod, Charleston, SC 29417

PHONE NO: (843) 556-8171

Sample ID	Date Collected	Time Collected	Matrix	BTEX	Nitrate, Nitrite, Sulfate	Sulfide	Total Iron	Total Phosporous	Methane	CO2 (carbon dioxide)	THPC	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
26A411	1/4/01	1535	Soil	1								1		
26A111	1/4/01	1530		1								1		
26A211	1/4/01	1530		1								1		
26A311	1/4/01	1532		1								1		
26A511	1/4/01	1540		1								1		
26A611	1/4/01	1543		1								1		
26A711	1/4/01	1545		1								1		
26A811	1/4/01	1547		1								1		
26A911	1/4/01	1550		1								1		
26A011	1/4/01	1553		1								1		
26AA11	1/4/01	1555		1								1		
							1	1						

REQUESTED PARAMETERS

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF CONTAINERS: 11	Cooler Temperature: 2.7°C
Laura Lumley	1/5/01 1145			Cooler ID: #1	FEDEX NUMBER:
COMPANY NAME: SAIC		COMPANY NAME:			
RECEIVED BY:	Date/Time 1/5/01 1145	RELINQUISHED BY:	Date/Time	* Encores - 24 Hr. Turn *	
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

9c

500 Oak Ridge ... Oak Ridge, TN 37831 (423) 481-4600

CHAIN OF STODY RECORD

COC NO.: 6 [illegible]

PROJECT NAME: Ft. Stewart-Tanker Purge

PROJECT NUMBER: 01-1624-04-2260-200

PROJECT MANAGER: Patty Stoll

Sampler (Signature) Laura Lumley (Printed Name) Laura Lumley

REQUESTED PARAMETERS

Sample ID	Date Collected	Time Collected	Matrix	BTEX	Nitrate, Nitrite, Sulfate	Sulfide	Total Iron	Total Phosphorous	Methane	CO2 (carbon dioxide)	THPC	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
Z6AB11	1/10/01	1519	Soil	1								1		36333 001
Z6AC11	1/10/01	1521		1								1		002
Z6AD11	1/10/01	1524		1								1		003
Z6AE11	1/10/01	1525		1								1		004
Z6AF11	1/10/01	1527		1								1		005
Z6AG11	1/10/01	1528		1								1		006
Z6AH11	1/10/01	1532		1								1		007
Z6AJ11	1/10/01	1531		1								1		008

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Raod Charleston, SC 29417

PHONE NO: (843) 556-8171

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Laura Lumley	1/11/01 1200	Patricia Lowe	1/12/01 0900
COMPANY NAME: SAIC		COMPANY NAME: GEL	
RECEIVED BY: 820609381054	Date/Time 1/11/01 1200	RELINQUISHED BY:	Date/Time
COMPANY NAME: FedEx		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF CONTAINERS: 8

Cooler ID: #24

Cooler Temperature: 3.2°c

FEDEX NUMBER: 820609381054

FILE NO.: 014 01-10-01

27

ata File: /chem/VOA2.i/010501v2.b/2q512.d
eport Date: 06-Jan-2001 11:42

General Engineering Laboratories, Inc.

TARGET COMPOUNDS

Client Name:
Lab Smp Id: 36024001
Sample Location:
Sample Date:
Sample Matrix: SOIL
Analysis Type: VOA
Data Type: MS DATA
Misc Info: |VOA8260BLF| 100UL-->5ML

Client SDG: 010501v2
Client Smp ID: 26A411
Sample Point:
Date Received:
Quant Type: ISTD
Level: MED
Operator: VJ
4.28G

100X

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg	Q
1330-20-7	Xylenes (total)	349	U
71-43-2	Benzene	116	U
108-88-3	Toluene	116	U
100-41-4	Ethylbenzene	116	U
----------	m,p-Xylenes	232	U
95-47-6	o-Xylene	116	U
1868-53-7	Dibromofluoromethane	6870	
2037-26-5	Toluene-d8	6280	
460-00-4	Bromofluorobenzene	6560	

Data File: /chem/VOA2.i/010501v2.b/2q522.d
Report Date: 06-Jan-2001 11:41

General Engineering Laboratories, Inc.

TARGET COMPOUNDS

Client Name:
Lab Smp Id: 36024002
Sample Location:
Sample Date:
Sample Matrix: SOIL
Analysis Type: VOA
Data Type: MS DATA
Misc Info: |VOA8260BLF| 50UL-->5ML 5.15G

Client SDG: 010501v2
Client Smp ID: 26A111
Sample Point:
Date Received:
Quant Type: ISTD
Level: MED
Operator: VJ

200X

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg	Q
1330-20-7	Xylenes (total)	87700	E
71-43-2	Benzene	11500	
108-88-3	Toluene	1310	
100-41-4	Ethylbenzene	31900	E
----------	m,p-Xylenes	83800	E
95-47-6	o-Xylene	3870	
1868-53-7	Dibromofluoromethane	2530	J
2037-26-5	Toluene-d8	3000	J
460-00-4	Bromofluorobenzene	3110	J

Data File: /chem/VOA2.i/010501v2.b/2q513.d
Report Date: 06-Jan-2001 11:40

General Engineering Laboratories, Inc.

TARGET COMPOUNDS

Client Name:
Lab Smp Id: 36024003
Sample Location:
Sample Date:
Sample Matrix: SOIL
Analysis Type: VOA
Data Type: MS DATA
Misc Info: |VOA8260BLF| 100UL-->5ML 4.63G

Client SDG: 010501v2
Client Smp ID: 26A211
Sample Point:
Date Received:
Quant Type: ISTD
Level: MED
Operator: VJ

100X

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg	Q
1330-20-7	Xylenes (total)	444	
71-43-2	Benzene	109	U
108-88-3	Toluene	109	U
100-41-4	Ethylbenzene	112	
----------	m,p-Xylenes	398	
95-47-6	o-Xylene	45.9	J
1868-53-7	Dibromofluoromethane	6910	
2037-26-5	Toluene-d8	6300	
460-00-4	Bromofluorobenzene	6230	

Data File: /chem/VOA2.i/010501v2.b/2q514.d
Report Date: 06-Jan-2001 11:40

General Engineering Laboratories, Inc.

TARGET COMPOUNDS

Client Name:
Lab Smp Id: 36024004
Sample Location:
Sample Date:
Sample Matrix: SOIL
Analysis Type: VOA
Data Type: MS DATA
Misc Info: |VOA8260BLF| 100UL-->5ML

Client SDG: 010501v2
Client Smp ID: 26A311
Sample Point:
Date Received:
Quant Type: ISTD
Level: MED
Operator: VJ
5.10G

100X

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg	Q
1330-20 7	Xylenes (total)	2600	
71-43-2	Benzene	315	
108-88-3	Toluene	272	
100-41-4	Ethylbenzene	562	
	m,p-Xylenes	2070	
95-47-6	o-Xylene	531	
1868-53-7	Dibromofluoromethane	5890	
2037-26-5	Toluene-d8	5300	
460-00-4	Bromofluorobenzene	5310	

Data File: /chem/VOA2.i/010501v2.b/2q515.d
Report Date: 06-Jan-2001 11:41

General Engineering Laboratories, Inc.

TARGET COMPOUNDS

Client Name:
Lab Smp Id: 36024005
Sample Location:
Sample Date:
Sample Matrix: SOIL
Analysis Type: VOA
Data Type: MS DATA
Misc Info: |VOA8260BLF| 100UL-->5ML

Client SDG: 010501v2
Client Smp ID: 26A511
Sample Point:
Date Received:
Quant Type: ISTD
Level: MED
Operator: VJ
5.28G

100X

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg	Q
1330-20-7	Xylenes (total)	108000	E
71-43-2	Benzene	8480	
108-88-3	Toluene	33100	E
100-41-4	Ethylbenzene	22100	E
----------	m,p-Xylenes	69800	E
95-47-6	o-Xylene	38200	E
==========	==========	==========	=====
1868-53-7	Dibromofluoromethane	4930	
2037-26-5	Toluene-d8	5830	
460-00-4	Bromofluorobenzene	6370	

Data File: /chem/VOA2.i/010501v2.b/2q516.d
Report Date: 06-Jan-2001 11:41

General Engineering Laboratories, Inc.

TARGET COMPOUNDS

Client Name:
Lab Smp Id: 36024006
Sample Location:
Sample Date:
Sample Matrix: SOIL
Analysis Type: VOA
Data Type: MS DATA
Misc Info: |VOA8260BLF| 100UL-->5ML 5.25G

Client SDG: 010501v2
Client Smp ID: 26A611
Sample Point:
Date Received:
Quant Type: ISTD
Level: MED
Operator: VJ

1000X

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg	Q
1330-20-7	Xylenes (total)	232	J
71-43-2	Benzene	94.3	U
108-88-3	Toluene	67.8	J
100-41-4	Ethylbenzene	37.1	J
	m,p-Xylenes	171	J
95-47-6	o-Xylene	61.3	J
1868-53-7	Dibromofluoromethane	5840	
2037-26-5	Toluene-d8	5340	
460-00-4	Bromofluorobenzene	5480	

ata File: /chem/VOA2.i/010501v2.b/2q517.d
eport Date: 06-Jan-2001 11:41

General Engineering Laboratories, Inc.

TARGET COMPOUNDS

Client Name:
Lab Smp Id: 36024007
Sample Location:
Sample Date:
Sample Matrix: SOIL
Analysis Type: VOA
Data Type: MS DATA
Misc Info: |VOA8260BLF| 100UL-->5ML 6.44G

Client SDG: 010501v2
Client Smp ID: 26A711
Sample Point:
Date Received:
Quant Type: ISTD
Level: MED
Operator: VJ

100X

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg	Q
1330-20-7	Xylenes (total)	5060	
71-43-2	Benzene	311	
108-88-3	Toluene	42.7	J
100-41-4	Ethylbenzene	1300	
	m,p-Xylenes	5020	
95-47-6	o-Xylene	37.0	J
1868-53-7	Dibromofluoromethane	4240	
2037-26-5	Toluene-d8	4020	
460-00-4	Bromofluorobenzene	4080	

35

ata File: /chem/VOA2.i/010501v2.b/2q518.d
eport Date: 06-Jan-2001 11:41

General Engineering Laboratories, Inc.

TARGET COMPOUNDS

Client Name:
Lab Smp Id: 36024008
Sample Location:
Sample Date:
Sample Matrix: SOIL
Analysis Type: VOA
Data Type: MS DATA
Misc Info: |VOA8260BLF| 100UL-->5ML 5.62G

Client SDG: 010501v2
Client Smp ID: 26A811
Sample Point:
Date Received:
Quant Type: ISTD
Level: MED
Operator: VJ

100X

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg	Q
1330-20-7	Xylenes (total)	26300	
71-43-2	Benzene	506	
108-88-3	Toluene	105	
100-41-4	Ethylbenzene	10200	E
	m,p-Xylenes	26100	E
95-47-6	o-Xylene	248	
1868-53-7	Dibromofluoromethane	5060	
2037-26-5	Toluene-d8	5110	
460-00-4	Bromofluorobenzene	5340	

Data File: /chem/VOA2.i/010501v2.b/2g519.d
Report Date: 06-Jan-2001 11:41

General Engineering Laboratories, Inc.

TARGET COMPOUNDS

Client Name:
Lab Smp Id: 36024009
Sample Location:
Sample Date:
Sample Matrix: SOIL
Analysis Type: VOA
Data Type: MS DATA
Misc Info: |VOA8260BLF| 100UL-->5ML 6.07G

Client SDG: 010501v2
Client Smp ID: 26A911
Sample Point:
Date Received:
Quant Type: ISTD
Level: MED
Operator: VJ

100X

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg	Q
1330-20-7	Xylenes (total)	185	J
71-43-2	Benzene	118	
108-88-3	Toluene	35.2	J
100-41-4	Ethylbenzene	661	
	m,p-Xylenes	143	J
95-47-6	o-Xylene	41.5	J
1868-53-7	Dibromofluoromethane	6040	
2037-26-5	Toluene-d8	5540	
460-00-4	Bromofluorobenzene	5620	

ata File: /chem/VOA2.i/010501v2.b/2q520.d
eport Date: 06-Jan-2001 11:41

General Engineering Laboratories, Inc.

TARGET COMPOUNDS

Client Name:
Lab Smp Id: 36024010
Sample Location:
Sample Date:
Sample Matrix: SOIL
Analysis Type: VOA
Data Type: MS DATA
Misc Info: |VOA8260BLF| 100UL-->5ML 5.66G

Client SDG: 010501v2
Client Smp ID: 26A011
Sample Point:
Date Received:
Quant Type: ISTD
Level: MED
Operator: VJ

100X

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg	Q
1330-20-7	Xylenes (total)	54.8	J
71-43-2	Benzene	87.7	U
108-88-3	Toluene	33.2	J
100-41-4	Ethylbenzene	19.9	J
----------	m,p-Xylenes	54.8	J
95-47-6	o-Xylene	87.7	U
1868-53-7	Dibromofluoromethane	5250	
2037-26-5	Toluene-d8	4750	
460-00-4	Bromofluorobenzene	4990	

ta File: /chem/VOA2.i/010501v2.b/2q521.d
port Date: 06-Jan-2001 11:45

General Engineering Laboratories, Inc.

TARGET COMPOUNDS

lient Name:
ab Smp Id: 36024011
ample Location:
ample Date:
ample Matrix: SOIL
nalysis Type: VOA
ata Type: MS DATA
isc Info: |VOA8260BLF| 100UL-->5ML

Client SDG: 010501v2
Client Smp ID: 26AA11
Sample Point:
Date Received:
Quant Type: ISTD
Level: MED
Operator: VJ
4.69G

100X

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg	Q
1330-20-7	Xylenes (total)	81.5	J
71-43-2	Benzene	106	U
108-88-3	Toluene	106	U
100-41-4	Ethylbenzene	106	U
----------	m,p-Xylenes	56.0	J
95-47-6	o-Xylene	25.5	J
1868-53-7	Dibromofluoromethane	5970	
2037-26-5	Toluene-d8	5760	
460-00-4	Bromofluorobenzene	5800	

3 9

General Engineering Laboratories, Inc.

TARGET COMPOUNDS

12

Client Name: SAIC
Lab Smp Id: 36333001
Sample Location:
Sample Date: 10-JAN-2001
Sample Matrix: SOIL
Analysis Type: VOA
Data Type: MS DATA
Misc Info: |VOA8260BSF| SAIC 4.8g

Client SDG: 36333
Client Smp ID: 26AB11
Sample Point:
Date Received: 12-JAN-2001
Quant Type: ISTD
Level: LOW
Operator: MAP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg	Q
1330-20-7	Xylenes (total)	2560	E
71-43-2	Benzene	75.6	
108-88-3	Toluene	1.1	U
100-41-4	Ethylbenzene	932	E
----------	m,p-Xylenes	2500	E
95-47-6	o-Xylene	53.3	
1868-53-7	Dibromofluoromethane	58.9	
2037-26-5	Toluene-d8	65.3	
460-00-4	Bromofluorobenzene	99.1	

Data File: /chem/VOA8.i/011201v8.b/8r511.d
Report Date: 15-Jan-2001 10:13

General Engineering Laboratories, Inc.

TARGET COMPOUNDS

13

Client Name: SAIC
Lab Smp Id: 36333002
Sample Location:
Sample Date: 10-JAN-2001
Sample Matrix: SOIL
Analysis Type: VOA
Data Type: MS DATA
Misc Info: |VOA8260BSF| SAIC 5.0g

Client SDG: 36333
Client Smp ID: 26AC11
Sample Point:
Date Received: 12-JAN-2001
Quant Type: ISTD
Level: LOW
Operator: MAP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg	Q
1330-20-7	Xylenes (total)	1940	E
71-43-2	Benzene	183	E
108-88-3	Toluene	1.2	U
100-41-4	Ethylbenzene	556	E
	m,p-Xylenes	1920	E
95-47-6	o-Xylene	10.5	
1868-53-7	Dibromofluoromethane	52.3	
2037-26-5	Toluene-d8	73.5	
460-00-4	Bromofluorobenzene	156	

General Engineering Laboratories, Inc.

TARGET COMPOUNDS

Client Name: SAIC
Lab Smp Id: 36333003
Sample Location:
Sample Date: 10-JAN-2001
Sample Matrix: SOIL
Analysis Type: VOA
Data Type: MS DATA
Misc Info: |VOA8260BSF| SAIC 5.2g

Client SDG: 36333 14
Client Smp ID: 26AD11
Sample Point:
Date Received: 12-JAN-2001
Quant Type: ISTD
Level: LOW
Operator: MAP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg	Q
1330-20-7	Xylenes (total)	7.2	
71-43-2	Benzene	0.87	J
108-88-3	Toluene	1.1	U
100-41-4	Ethylbenzene	3.8	
	m,p-Xylenes	6.7	
95-47-6	o-Xylene	0.43	J
1868-53-7	Dibromofluoromethane	49.4	
2037-26-5	Toluene-d8	55.0	
460-00-4	Bromofluorobenzene	62.5	

Data File: /chem/VOA8.i/011201v8.b/8r513.d
Report Date: 15-Jan-2001 10:13

General Engineering Laboratories, Inc.

TARGET COMPOUNDS

Client Name: SAIC
Lab Smp Id: 36333004
Sample Location:
Sample Date: 10-JAN-2001
Sample Matrix: SOIL
Analysis Type: VOA
Data Type: MS DATA
Misc Info: |VOA8260BSF| SAIC 5.7g

Client SDG: 36333 15
Client Smp ID: 26AE11
Sample Point:
Date Received: 12-JAN-2001
Quant Type: ISTD
Level: LOW
Operator: MAP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg	Q	
1330-20-7	Xylenes (total)	37.8		
71-43-2	Benzene	15.8		
108-88-3	Toluene	0.41	J	*
100-41-4	Ethylbenzene	13.2		
	m,p-Xylenes	34.3		
95-47-6	o-Xylene	3.5		
1868-53-7	Dibromofluoromethane	48.0		
2037-26-5	Toluene-d8	52.2		
460-00-4	Bromofluorobenzene	58.6		

General Engineering Laboratories, Inc.

TARGET COMPOUNDS

Client Name: SAIC
Lab Smp Id: 36333005
Sample Location:
Sample Date: 10-JAN-2001
Sample Matrix: SOIL
Analysis Type: VOA
Data Type: MS DATA
Misc Info: |VOA8260BSF| SAIC 5.4g

Client SDG: 36333 16
Client Smp ID: 26AF11
Sample Point:
Date Received: 12-JAN-2001
Quant Type: ISTD
Level: LOW
Operator: MAP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg	Q
1330-20-7	Xylenes (total)	129	
71-43-2	Benzene	23.6	
108-88-3	Toluene	1.1	U
100-41-4	Ethylbenzene	18.7	
	m,p-Xylenes	105	
95-47-6	o-Xylene	23.8	
1868-53-7	Dibromofluoromethane	46.1	
2037-26-5	Toluene-d8	59.3	
460-00-4	Bromofluorobenzene	58.3	

Data File: /chem/VOA8.i/011201v8.b/8r515.d
Report Date: 15-Jan-2001 10:13

General Engineering Laboratories, Inc.

TARGET COMPOUNDS

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Client Name: SAIC
Lab Smp Id: 36333006
Sample Location:
Sample Date: 10-JAN-2001
Sample Matrix: SOIL
Analysis Type: VOA
Data Type: MS DATA
Misc Info: |VOA8260BSF| SAIC 5.0g

Client SDG: 36333
Client Smp ID: 26AG11
Sample Point:
Date Received: 12-JAN-2001
Quant Type: ISTD
Level: LOW
Operator: MAP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg	Q
1330-20-7	Xylenes (total)	3800	E
71-43-2	Benzene	566	E
108-88-3	Toluene	824	E
100-41-4	Ethylbenzene	992	E
----------	m,p-Xylenes	2290	E
95-47-6	o-Xylene	1510	E
1868-53-7	Dibromofluoromethane	41.4	
2037-26-5	Toluene-d8	98.0	
460-00-4	Bromofluorobenzene	203	

Data File: /chem/VOA8.i/011201v8.b/8r516.d
Report Date: 15-Jan-2001 10:14

General Engineering Laboratories, Inc.

TARGET COMPOUNDS

Client Name: SAIC
Lab Smp Id: 36333007
Sample Location:
Sample Date: 10-JAN-2001
Sample Matrix: SOIL
Analysis Type: VOA
Data Type: MS DATA
Misc Info: |VOA8260BSF| SAIC 4.3g

Client SDG: 36333 18
Client Smp ID: 26AH11
Sample Point:
Date Received: 12-JAN-2001
Quant Type: ISTD
Level: LOW
Operator: MAP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg	Q
1330-20-7	Xylenes (total)	17.5	
71-43-2	Benzene	2.8	
108-88-3	Toluene	1.9	
100-41-4	Ethylbenzene	4.1	
	m,p-Xylenes	14.9	
95-47-6	o-Xylene	2.6	
1868-53-7	Dibromofluoromethane	53.7	
2037-26-5	Toluene-d8	61.3	
460-00-4	Bromofluorobenzene	70.3	

ub

General Engineering Laboratories, Inc.

TARGET COMPOUNDS

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Client Name: SAIC
Lab Smp Id: 36333008
Sample Location:
Sample Date: 10-JAN-2001
Sample Matrix: SOIL
Analysis Type: VOA
Data Type: MS DATA
Misc Info: |VOA8260BSF| SAIC 5.5g

Client SDG: 36333
Client Smp ID: 26AJ11
Sample Point:
Date Received: 12-JAN-2001
Quant Type: ISTD
Level: LOW
Operator: MAP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg	Q
1330-20-7	Xylenes (total)	2160	E
71-43-2	Benzene	765	E
108-88-3	Toluene	1.0	U
100-41-4	Ethylbenzene	928	E
	m,p-Xylenes	2160	E
95-47-6	o-Xylene	1.0	U
1868-53-7	Dibromofluoromethane	35.2	
2037-26-5	Toluene-d8	113	
460-00-4	Bromofluorobenzene	239	E

APPENDIX D

CONFIRMATORY ANALYTICAL DATA

DATA VALIDATION REASON CODES

Organic, Inorganic, and Radiological Analytical Data

Holding Times

A01 Extraction holding times were exceeded.
A02 Extraction holding times were grossly exceeded.
A03 Analysis holding times were exceeded.
A04 Analysis holding times were grossly exceeded.
A05 Samples were not preserved properly.
A06 Professional judgement was used to qualify the data.

GC/MS Tuning

B01 Mass calibration was in error, even after applying expanded criteria.
B02 Mass calibration was not performed every 12 hours.
B03 Mass calibration did not meet ion abundance criteria.
B04 Professional judgement was used to qualify the data.

Initial/Continuing Calibration - Organics

C01 Initial calibration RRF was <0.05.
C02 Initial calibration RSD was $>30\%$.
C03 Initial calibration sequence was not followed as required.
C04 Continuing calibration RRF was <0.05.
C05 Continuing calibration %D was $>25\%$.
C06 Continuing calibration was not performed at the required frequency.
C07 Resolution criteria were not met.
C08 RPD criteria were not met.
C09 RSD criteria were not met.
C10 Retention time of compounds was outside windows.
C11 Compounds were not adequately resolved.
C12 Breakdown of endrin or DDT was $>20\%$.
C13 Combined breakdown of endrin/DDT was $>30\%$.
C14 Professional judgement was used to qualify the data.

Initial/Continuing Calibration - Inorganics

D01 ICV or CCV were not performed for every analyte.
D02 ICV recovery was above the upper control limit.
D03 ICV recovery was below the lower control limit.
D04 CCV recovery was above the upper control limit.
D05 CCV recovery was below the lower control limit.
D06 Standard curve was not established with the minimum number of standards.
D07 Instrument was not calibrated daily or each time the instrument was set up.
D08 Correlation coefficient was <0.995.
D09 Mid range cyanide standard was not distilled.
D10 Professional judgement was used to qualify the data.

ICP and Furnace Requirements

E01 Interference check sample recovery was outside the control limit.
E02 Duplicate injections were outside the control limit.
E03 Post digestion spike recovery was outside the control limit.
E04 MSA was required but not performed.
E05 MSA correlation coefficient was <0.995.
E06 MSA spikes were not at the correct concentration.
E07 Serial dilution criteria were not met.
E08 Professional judgement was used to qualify the data.

Blanks

F01 Sample data were qualified as a result of the method blank.
F02 Sample data were qualified as a result of the field blank.
F03 Sample data were qualified as a result of the equipment rinsate.
F04 Sample data were qualified as a result of the trip blank.
F05 Gross contamination exists.
F06 Concentration of the contaminant was detected at a level below the CRQL.
F07 Concentration of the contaminant was detected at a level less than the action limit, but greater than the CRQL.
F08 Concentration of the contaminant was detected at a level that exceeds the action level.
F09 No laboratory blanks were analyzed.
F10 Blank had a negative value $>2\times$'s the IDL.
F11 Blanks were not analyzed at required frequency.
F12 Professional judgement was used to qualify the data.

Surrogate/Radiological Chemical Recovery

G01 Surrogate/radiological chemical recovery was above the upper control limit.
G02 Surrogate/radiological chemical recovery was below the lower control limit.
G03 Surrogate recovery was <10%.
G04 Surrogate recovery was zero.
G05 Surrogate/radiological chemical recovery data was not present.
G06 Professional judgement was used to qualify the data.
G07 Radiological chemical recovery was <20%.
G08 Radiological chemical recovery was >150%.

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

H01 MS/MSD recovery was above the upper control limit.
H02 MS/MSD recovery was below the lower control limit.
H03 MS/MSD recovery was <10%.
H04 MS/MSD pairs exceed the RPD limit.
H05 No action was taken on MS/MSD results.
H06 Professional judgement was used to qualify the data.
H07 Radiological MS/MSD recovery was <20%.
H08 Radiological MS/MSD recovery was >160%.
H09 Radiological MS/MSD samples were not analyzed at the required frequency.

Matrix Spike

I01 MS recovery was above the upper control limit.
I02 MS recovery was below the lower control limit.
I03 MS recovery was <30%.
I04 No action was taken on MS data.
I05 Professional judgement was used to qualify the data.

Laboratory Duplicate

J01 Duplicate RPD/radiological duplicate error ratio (DER) was outside the control limit.
J02 Duplicate sample results were >5× the CRDL.
J03 Duplicate sample results were <5× the CRDL.
J04 Professional judgement was used to qualify the data.
J05 Duplicate was not analyzed at the required frequency.

Internal Area Summary

K01 Area counts were outside the control limits.
K02 Extremely low area counts or performance was exhibited by a major drop off.
K03 IS retention time varied by more than 30 seconds.
K04 Professional judgement was used to qualify the data.

Pesticide Cleanup Checks

L01 10% recovery was obtained during either check.
L02 Recoveries during either check were >120%.
L03 GPC Cleanup recoveries were outside the control limits.
L04 Florisil cartridge cleanup recoveries were outside the control limits.
L05 Professional judgement was used to qualify the data.

Target Compound Identification

M01 Incorrect identifications were made.
M02 Qualitative criteria were not met.
M03 Cross contamination occurred.
M04 Confirmatory analysis was not performed.
M05 No results were provided.
M06 Analysis occurred outside 12 hr GC/MS window.
M07 Professional judgement was used to qualify the data.
M08 The %D between the two pesticide/PCB column checks was >25%.

Compound Quantitation and Reported CRQLs

N01 Quantitation limits were affected by large off-scale peaks.
N02 MDLs reported by the laboratory exceeded corresponding CRQLs.
N03 Professional judgement used to qualify the data.

Tentatively Identified Compounds (TICs)

O01 Compound was suspected laboratory contaminant and was not detected in the blank.
O02 TIC result was not above 10× the level found in the blank.
O03 Professional judgement was used to qualify analytical data.

Laboratory Control Samples (LCSs)

P01 LCS recovery was above upper control limit.
P02 LCS recovery was below lower control limit.
P03 LCS recovery was <50%.
P04 No action was taken on the LCS data.
P05 LCS was not analyzed at required frequency.
P06 Radiological LCS recovery was <50% for aqueous samples; <40% for solid samples.
P07 Radiological LCS recovery was >150% for aqueous samples; >160% for solid samples.
P08 Professional judgement was used to qualify the data.

Field Duplicate

Q01 Field duplicate RPDs were >30% for waters and/or > 50% for soils.
Q02 Radiological field duplicate error ratio (DER) was outside the control limit.
Q03 Duplicate sample results were >5× the CRDL.
Q04 Duplicate sample results were <5× the CRDL.

Radiological Calibration

R01 Efficiency calibration criteria were not met.
R02 Energy calibration criteria were not met.
R03 Resolution calibration criteria were not met.
R04 Background determination criteria were not met.
R05 Quench curve criteria were not met.
R06 Absorption curve criteria were not met.
R07 Plateau curve criteria were not met.
R08 Professional judgement was used to qualify the data.

Radiological Calibration Verification

S01 Efficiency verification criteria were not met.
S02 Energy verification criteria were not met.
S03 Resolution verification criteria were not met.
S04 Background verification criteria were not met.
S05 Cross-talk verification criteria were not met.
S06 Professional judgement was used to qualify the data.

Radionuclide Quantitation

T01 Detection limits were not met.
T02 Analytical uncertainties were not met and/or not reported.
T03 Inappropriate aliquot sizes were used.
T04 Professional judgement was used to qualify the data.

System Performance

V01 High background levels or a shift in the energy calibration were observed.
V02 Extraneous peaks were observed.
V03 Loss of resolution was observed.
V04 Peak-tailing or peak splitting that may result in inaccurate quantitation were observed.
V05 Professional judgement was used to qualify the data.

Data Qualifiers for Organic Analytical Data

Laboratory Qualifiers

U — Indicates that the compound was analyzed for but not detected. The sample quantitation limit (SQL) must be corrected for dilution. For a soil/sediment sample, the value must also be corrected for percent moisture.

J — Indicates an estimated value. This qualifier is used either when estimating a concentration for tentatively identified compounds (TICs) where a 1:1 response is assumed, or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the SQL but greater than zero.

N — Indicates presumptive evidence of a compound. This qualifier is used only for TICs, where the identification is based on a mass spectral library search.

P — Used for pesticide/PCB target analytes when there is greater than 25% difference for detected concentrations between the two GC columns.

C — Applies to pesticide results where the identification has been confirmed by gas chromatography/mass spectrometry (GC/MS). If GC/MS confirmation was attempted but was unsuccessful, this qualifier is not applied; instead a laboratory-defined qualifier is used.

B — Used when the compound is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination and alerts the data user to take appropriate action. This qualifier is used for TICs as well as for positively identified target compounds.

E — Identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.

D — Identifies all compounds identified in an analysis at a secondary dilution factor. This qualifier alerts data users that any discrepancies between the concentrations reported may be due to dilution of the sample or extract.

A — Indicates that a TIC was a suspected aldol-condensation product.

X — Indicates that other specific qualifiers were required to properly define the results. If used, the qualifier must be fully described and such description must be included in the Sample Data Summary Package and SDG narrative.

Validation Qualifiers

U — Indicates that the compound was analyzed for but was not detected above the reported SQL.

UJ — Indicates that the compound was not detected above the reported SQL. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the compound in the sample.

J — Indicates that the compound was positively identified. The associated numerical value is the approximate concentration of the compound in the sample.

N — The analysis indicates the presence of a compound for which there is presumptive evidence to make a "tentative identification."

NJ — Indicates that the analysis indicates the presence of a compound that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

R — Indicates that the sample results for the compound are unusable due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the compound cannot be verified.

= — Indicates that the value has been validated and that the compound has been positively identified and the associated concentration value is accurate.

Data Qualifiers for Inorganic Analytical Data

Laboratory Qualifiers

B — Indicates that the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).

U — Indicates that the analyte was analyzed for but not detected.

E — Used when the reported value was estimated because of the presence of interference.

M — Indicates that the duplicate injection precision was not met.

N — Indicates that the spiked sample recovery was not within control limits.

S — Indicates that the reported value was determined by the method of standard additions (MSA).

W — Used when the post-digestion spike for furnace atomic absorption analysis was not within control limits (85 - 115%), while sample absorbance was less than 50% of spike absorbance.

* — Indicates that the duplicate analysis was not within control limits.

+ — Indicates that the correlation coefficient for the MSA was less than 0.995.

Validation Qualifiers

U — Indicates that the analyte was analyzed for but was not detected above the reported sample quantitation limit.

UJ — Indicates that the analyte was not detected above the reported SQL. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

J — Indicates that the analyte was positively identified. The associated numerical value is the approximate concentration of the analyte in the sample.

R — Indicates that the sample results for the analyte are unusable due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

= — Indicates that the value has been validated and that the analyte has been positively identified and the associated concentration value is accurate.

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Laboratory Qualifiers

< — The numerical value reported was less than the MDA.

N — The sample results were qualified to denote poor spike recovery.

* — The sample results were qualified to denote poor duplicate results.

Validation Qualifiers

U — Indicates that the radionuclide was analyzed for but was not detected above the reported sample quantitation limit.

J — Indicates that the radionuclide was positively identified. The associated numerical value is the approximate concentration of the radionuclide in the sample.

N — The analysis indicates the presence of a radionuclide for which there was presumptive evidence to make a "tentative identification."

DL — The detection limit requirements were not met. The data quality objectives may not be met.

UI — Indicates that there was uncertain identification for gamma spectroscopy. The radionuclide peaks are detected but fail to meet the positive identification criteria.

R — Indicates that the sample results for the radionuclide are unusable due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the radionuclide cannot be verified.

= — Indicates that the value has been validated and that the radionuclide has been positively identified and the associated concentration value is accurate.

Data Qualifiers for Wet Chemistry Analytical Data

Laboratory Qualifiers

U — Indicates that the analyte was analyzed for but was not detected above the reported sample quantitation limit.

J — Indicates that the analyte was positively identified. The associated numerical value is the approximate concentration of the analyte in the sample.

Validation Qualifiers

U — Indicates that the analyte was analyzed for but was not detected above the reported sample quantitation limit.

UJ — Indicates that the analyte was not detected above the reported SQL. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

J — Indicates that the analyte was positively identified. The associated numerical value is the approximate concentration of the analyte in the sample.

R — Indicates that the sample results for the analyte are unusable due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

= — Indicates that the value has been validated and that the analyte has been positively identified and the associated concentration value is accurate.

Laboratory Sample Type Abbreviations

DL - Sample analyzed at secondary dilution factor

RA - Reanalysis

Site: SWMU 26 Fort Stewart

Sample FTS-SWMU26-1 **Collection Date: 01/16/2001**

Method: SW 8260B UG/KG

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Code
1,1,1-TRICHLOROETHANE	5	U	U	
1,1,2,2-TETRACHLOROETHA	5	U	U	
1,1,2-TRICHLOROETHANE	5	U	U	
1,1-DICHLOROETHANE	5	U	U	
1,1-DICHLOROETHENE	5	U	U	
1,2-DICHLOROETHANE	5	U	U	
1,2-DICHLOROETHENE(TOTA	5	U	U	
1,2-DICHLOROPROPANE	5	U	R	P02
2-BUTANONE	5	U	U	
2-CHLOROETHYL VINYL ETH	5	U	UJ	C05
2-HEXANONE	5	U	UJ	C05
4-METHYL-2-PENTANONE	5	U	U	
ACETONE	32		J	C05
BENZENE	14			
BROMODICHLOROMETHANE	5	U	U	
BROMOFORM	5	U	U	
BROMOMETHANE	5	U	U	
CARBON DISULFIDE	5	U	UJ	C05
CARBON TETRACHLORIDE	5	U	UJ	C05
CHLOROBENZENE	5	U	U	
CHLOROETHANE	5	U	U	
CHLOROFORM	5	U	U	
CHLOROMETHANE	5	U	U	
CIS-1,3-DICHLOROPROPENE	5	U	U	
DIBROMOCHLOROMETHANE	5	U	U	
ETHYLBENZENE	36			
METHYLENE CHLORIDE	5	U	UJ	C05
STYRENE	5	U	U	
TETRACHLOROETHENE	5	U	UJ	C05
TOLUENE	3	J		
TRANS-1,3-DICHLOROPROPE	5	U	U	
TRICHLOROETHENE	5	U	U	
VINYL ACETATE	5	U	UJ	C05
VINYL CHLORIDE	5	U	U	
XYLENE (TOTAL)	94			

Method: SW 8270C UG/KG

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Code
1,2,4-TRICHLOROBENZENE	370	U	U	
1,2-DICHLOROBENZENE	370	U	U	
1,3-DICHLOROBENZENE	370	U	U	
1,4-DICHLOROBENZENE	370	U	U	

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-1 **Collection Date: 01/16/2001**

Compound	Result	Qualifier		Data Validation Codes
		Lab	Data	
2,4,5-TRICHLOROPHENOL	920	U	U	
2,4,6-TRICHLOROPHENOL	370	U	U	
2,4-DICHLOROPHENOL	370	U	U	
2,4-DIMETHYLPHENOL	370	U	U	
2,4-DINITROPHENOL	920	U	U	
2,4-DINITROTOLUENE	370	U	U	
2,6-DINITROTOLUENE	370	U	U	
2-CHLORONAPHTHALENE	370	U	U	
2-CHLOROPHENOL	370	U	U	
2-METHYLNAPHTHALENE	370	U	U	
2-METHYLPHENOL	370	U	U	
2-NITROANILINE	920	U	U	
2-NITROPHENOL	370	U	U	
3,3'-DICHLOROBENZIDINE	370	U	U	
3-NITROANILINE	920	U	U	
4,6-DINITRO-2-METHYLPHEN	920	U	U	
4-BROMOPHENYL-PHENYLET	370	U	U	
4-CHLORO-3-METHYLPHENO	370	U	U	
4-CHLOROANILINE	370	U	U	
4-CHLOROPHENYL-PHENYLE	370	U	U	
4-METHYLPHENOL	370	U	U	
4-NITROANILINE	920	U	U	
4-NITROPHENOL	920	U	U	
ACENAPHTHENE	370	U	U	
ACENAPHTHYLENE	370	U	U	
ANTHRACENE	370	U	U	
BENZO(A)ANTHRACENE	370	U	U	
BENZO(A)PYRENE	370	U	U	
BENZO(B)FLUORANTHENE	370	U	U	
BENZO(G,H,I)PERYLENE	370	U	U	
BENZO(K)FLUORANTHENE	370	U	U	
BENZOIC ACID	370	U	U	
BENZYL ALCOHOL	370	U	U	
BIS(2-CHLOROETHOXY)MET	370	U	U	
BIS(2-CHLOROETHYL)ETHER	370	U	U	
BIS(2-CHLOROISOPROPYL)ET	370	U	U	
BIS(2-ETHYLHEXYL)PHTHAL	370	U	U	
BUTYL BENZYL PHTHALATE	370	U	U	
CARBAZOLE	370	U	U	
CHRYSENE	370	U	U	
DI-N-BUTYL PHTHALATE	370	U	U	
DI-N-OCTYL PHTHALATE	370	U	U	
DIBENZ(A,H)ANTHRACENE	370	U	U	
DIBENZOFURAN	370	U	U	
DIETHYLPHTHALATE	370	U	U	

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-1 **Collection Date: 01/16/2001**

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Codes
DIMETHYL PHTHALATE	370	U	U	
FLUORANTHENE	370	U	U	
FLUORENE	370	U	U	
HEXACHLOROBENZENE	370	U	U	
HEXACHLOROBUTADIENE	370	U	U	
HEXACHLOROCYCLOPENTA	370	U	U	
HEXACHLOROETHANE	370	U	U	
INDENO(1,2,3-CD)PYRENE	370	U	U	
ISOPHORONE	370	U	U	
N-NITROSO-DI-N-PROPYLAMI	370	U	U	
N-NITROSODIPHENYLAMINE	370	U	U	
NAPHTHALENE	46	J		
NITROBENZENE	370	U	U	
PENTACHLOROPHENOL	920	U	U	
PHENANTHRENE	370	U	U	
PHENOL	370	U	U	
PYRENE	370	U	U	

Sample FTS-SWMU26-2 **Collection Date: 01/16/2001**

Method: SW 8260B **UG/KG**

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Code
1,1,1-TRICHLOROETHANE	5	U	U	
1,1,2,2-TETRACHLOROETHA	5	U	U	
1,1,2-TRICHLOROETHANE	5	U	U	
1,1-DICHLOROETHANE	5	U	U	
1,1-DICHLOROETHENE	5	U	U	
1,2-DICHLOROETHANE	5	U	U	
1,2-DICHLOROETHENE(TOTA	5	U	U	
1,2-DICHLOROPROPANE	5	U	U	
2-BUTANONE	5	U	U	
2-CHLOROETHYL VINYL ETH	5	U	UJ	C05
2-HEXANONE	5	U	UJ	C05
4-METHYL-2-PENTANONE	5	U	UJ	C05
ACETONE	22		J	C05
BENZENE	87			
BROMODICHLOROMETHANE	5	U	U	
BROMOFORM	5	U	UJ	C05
BROMOMETHANE	5	U	U	
CARBON DISULFIDE	5	U	UJ	C05
CARBON TETRACHLORIDE	5	U	U	
CHLOROBENZENE	5	U	U	
CHLOROETHANE	5	U	U	

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-2 **Collection Date: 01/16/2001**

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Codes
CHLOROFORM	5	U	U	
CHLOROMETHANE	5	U	UJ	C05
CIS-1,3-DICHLOROPROPENE	5	U	U	
DIBROMOCHLOROMETHANE	5	U	UJ	C05
ETHYLBENZENE	11			
METHYLENE CHLORIDE	5	U	UJ	C05
STYRENE	5	U	U	
TETRACHLOROETHENE	5	U	UJ	C05
TOLUENE	5	U	U	
TRANS-1,3-DICHLOROPROPE	5	U	U	
TRICHLOROETHENE	5	U	U	
VINYL ACETATE	5	U	UJ	C05
VINYL CHLORIDE	5	U	U	
XYLENE (TOTAL)	14			

Method: SW 8270C UG/KG

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Code
1,2,4-TRICHLOROBENZENE	390	U	U	
1,2-DICHLOROBENZENE	390	U	U	
1,3-DICHLOROBENZENE	390	U	U	
1,4-DICHLOROBENZENE	390	U	U	
2,4,5-TRICHLOROPHENOL	970	U	U	
2,4,6-TRICHLOROPHENOL	390	U	U	
2,4-DICHLOROPHENOL	390	U	U	
2,4-DIMETHYLPHENOL	390	U	U	
2,4-DINITROPHENOL	970	U	UJ	D02,D04
2,4-DINITROTOLUENE	390	U	U	
2,6-DINITROTOLUENE	390	U	U	
2-CHLORONAPHTHALENE	390	U	U	
2-CHLOROPHENOL	390	U	U	
2-METHYLNAPHTHALENE	1900			
2-METHYLPHENOL	390	U	U	
2-NITROANILINE	970	U	U	
2-NITROPHENOL	390	U	U	
3,3'-DICHLOROBENZIDINE	390	U	U	
3-NITROANILINE	970	U	U	
4,6-DINITRO-2-METHYLPHEN	970	U	U	
4-BROMOPHENYL-PHENYLET	390	U	U	
4-CHLORO-3-METHYLPHENO	390	U	U	
4-CHLOROANILINE	390	U	U	
4-CHLOROPHENYL-PHENYLE	390	U	U	
4-METHYLPHENOL	390	U	U	
4-NITROANILINE	970	U	U	
4-NITROPHENOL	970	U	U	

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-2 **Collection Date: 01/16/2001**

Compound	Result	Qualifier		Data Validation Codes
		Lab	Data	
ACENAPHTHENE	390	U	U	
ACENAPHTHYLENE	390	U	U	
ANTHRACENE	390	U	U	
BENZO(A)ANTHRACENE	390	U	U	
BENZO(A)PYRENE	390	U	U	
BENZO(B)FLUORANTHENE	390	U	U	
BENZO(G,H,I)PERYLENE	390	U	U	
BENZO(K)FLUORANTHENE	390	U	U	
BENZOIC ACID	390	U	U	
BENZYL ALCOHOL	390	U	U	
BIS(2-CHLOROETHOXY)MET	390	U	U	
BIS(2-CHLOROETHYL)ETHER	390	U	U	
BIS(2-CHLOROISOPROPYL)ET	390	U	U	
BIS(2-ETHYLHEXYL)PHTHAL	100	J		
BUTYL BENZYL PHTHALATE	390	U	U	
CARBAZOLE	390	U	U	
CHRYSENE	390	U	U	
DI-N-BUTYL PHTHALATE	390	U	U	
DI-N-OCTYL PHTHALATE	390	U	U	
DIBENZ(A,H)ANTHRACENE	390	U	U	
DIBENZOFURAN	390	U	U	
DIETHYLPHTHALATE	390	U	U	
DIMETHYL PHTHALATE	390	U	U	
FLUORANTHENE	390	U	U	
FLUORENE	180	J		
HEXACHLOROBENZENE	390	U	U	
HEXACHLOROBUTADIENE	390	U	U	
HEXACHLOROCYCLOPENTA	390	U	U	
HEXACHLOROETHANE	390	U	U	
INDENO(1,2,3-CD)PYRENE	390	U	U	
ISOPHORONE	390	U	U	
N-NITROSO-DI-N-PROPYLAMI	390	U	U	
N-NITROSODIPHENYLAMINE	390	U	U	
NAPHTHALENE	560			
NITROBENZENE	390	U	U	
PENTACHLOROPHENOL	970	U	U	
PHENANTHRENE	370	J		
PHENOL	390	U	U	
PYRENE	390	U	U	

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-3 **Collection Date: 01/16/2001**

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Codes

Sample FTS-SWMU26-3 **Collection Date: 01/16/2001**

Method: SW 8260B UG/KG

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Code
1,1,1-TRICHLOROETHANE	4	U	UJ	G01,G02,K01
1,1,2,2-TETRACHLOROETHA	4	U	UJ	G01,G02,K01
1,1,2-TRICHLOROETHANE	4	U	UJ	G01,G02,K01
1,1-DICHLOROETHANE	4	U	UJ	G01,G02,K01
1,1-DICHLOROETHENE	4	U	UJ	G01,G02,K01
1,2-DICHLOROETHANE	4	U	UJ	G01,G02,K01
1,2-DICHLOROETHENE(TOTA	4	U	UJ	G01,G02,K01
1,2-DICHLOROPROPANE	4	U	R	G01,G02,H02,P02,K0
2-BUTANONE	4	U	UJ	G01,G02,K01
2-CHLOROETHYL VINYL ETH	4	U	UJ	C05, G01,G02,K01
2-HEXANONE	4	U	UJ	C05, G01,G02,K01
4-METHYL-2-PENTANONE	4	U	UJ	G01,G02,K01
ACETONE	4	U	UJ	C05, G01,G02,K01
BENZENE	900	E	UJ	G01,G02,K01
BROMODICHLOROMETHANE	4	U	UJ	G01,G02,K01
BROMOFORM	4	U	UJ	G01,G02,K01
BROMOMETHANE	4	U	UJ	G01,G02,K01
CARBON DISULFIDE	4	U	UJ	C05, G01,G02,K01
CARBON TETRACHLORIDE	4	U	UJ	C05, G01,G02,K01
CHLOROBENZENE	4	U	UJ	G01,G02,K01
CHLOROETHANE	4	U	UJ	G01,G02,K01
CHLOROFORM	4	U	UJ	G01,G02,K01
CHLOROMETHANE	4	U	UJ	G01,G02,K01
CIS-1,3-DICHLOROPROPENE	4	U	UJ	G01,G02,K01
DIBROMOCHLOROMETHANE	4	U	UJ	G01,G02,K01
ETHYLBENZENE	3400	E	J	G01,G02,K01
METHYLENE CHLORIDE	19		J	C05,G01,G02,K01
STYRENE	4	U	UJ	G01,G02,K01
TETRACHLOROETHENE	4	U	UJ	G01,G02,K01
TOLUENE	140		J	G01,G02,K01
TRANS-1,3-DICHLOROPROPE	4	U	UJ	G01,G02,K01
TRICHLOROETHENE	4	U	UJ	G01,G02
VINYL ACETATE	4	U	UJ	G01,G02,K01
VINYL CHLORIDE	4	U	UJ	G01,G02,K01
XYLENE (TOTAL)	4800	E	J	G01,G02,K01

Method: SW 8270C UG/KG

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Code

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-3 **Collection Date: 01/16/2001**

Compound	Result	Qualifier		Data Validation Codes
		Lab	Data	
1,2,4-TRICHLOROBENZENE	400	U	U	
1,2-DICHLOROBENZENE	400	U	U	
1,3-DICHLOROBENZENE	400	U	U	
1,4-DICHLOROBENZENE	400	U	U	
2,4,5-TRICHLOROPHENOL	1000	U	U	
2,4,6-TRICHLOROPHENOL	400	U	U	
2,4-DICHLOROPHENOL	400	U	U	
2,4-DIMETHYLPHENOL	400	U	U	
2,4-DINITROPHENOL	1000	U	UJ	D02,D04
2,4-DINITROTOLUENE	400	U	U	
2,6-DINITROTOLUENE	400	U	U	
2-CHLORONAPHTHALENE	400	U	U	
2-CHLOROPHENOL	400	U	U	
2-METHYLNAPHTHALENE	5400	E		
2-METHYLPHENOL	400	U	U	
2-NITROANILINE	1000	U	U	
2-NITROPHENOL	400	U	U	
3,3'-DICHLOROBENZIDINE	400	U	U	
3-NITROANILINE	1000	U	U	
4,6-DINITRO-2-METHYLPHEN	1000	U	U	
4-BROMOPHENYL-PHENYLET	400	U	U	
4-CHLORO-3-METHYLPHENO	400	U	U	
4-CHLOROANILINE	400	U	U	
4-CHLOROPHENYL-PHENYLE	400	U	U	
4-METHYLPHENOL	400	U	U	
4-NITROANILINE	1000	U	U	
4-NITROPHENOL	1000	U	U	
ACENAPHTHENE	200	J		
ACENAPHTHYLENE	400	U	U	
ANTHRACENE	400	U	U	
BENZO(A)ANTHRACENE	400	U	U	
BENZO(A)PYRENE	400	U	U	
BENZO(B)FLUORANTHENE	400	U	U	
BENZO(G,H,I)PERYLENE	400	U	U	
BENZO(K)FLUORANTHENE	400	U	U	
BENZOIC ACID	400	U	U	
BENZYL ALCOHOL	400	U	U	
BIS(2-CHLOROETHOXY)MET	400	U	U	
BIS(2-CHLOROETHYL)ETHER	400	U	U	
BIS(2-CHLOROISOPROPYL)ET	400	U	U	
BIS(2-ETHYLHEXYL)PHTHAL	71	J		
BUTYL BENZYL PHTHALATE	400	U	U	
CARBAZOLE	400	U	U	
CHRYSENE	24	J		
DI-N-BUTYL PHTHALATE	400	U	U	

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-3 **Collection Date: 01/16/2001**

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Codes
DI-N-OCTYL PHTHALATE	400	U	U	
DIBENZ(A,H)ANTHRACENE	400	U	U	
DIBENZOFURAN	400	U	U	
DIETHYLPHTHALATE	400	U	U	
DIMETHYL PHTHALATE	400	U	U	
FLUORANTHENE	400	U	U	
FLUORENE	410			
HEXACHLOROBENZENE	400	U	U	
HEXACHLOROBUTADIENE	400	U	U	
HEXACHLOROCYCLOPENTA	400	U	U	
HEXACHLOROETHANE	400	U	U	
INDENO(1,2,3-CD)PYRENE	400	U	U	
ISOPHORONE	400	U	U	
N-NITROSO-DI-N-PROPYLAMI	400	U	U	
N-NITROSODIPHENYLAMINE	400	U	U	
NAPHTHALENE	2100			
NITROBENZENE	400	U	U	
PENTACHLOROPHENOL	1000	U	U	
PHENANTHRENE	910			
PHENOL	400	U	U	
PYRENE	400	U	U	

Sample FTS-SWMU26-3-DL **Collection Date: 01/16/2001**

Method: SW 8260B UG/KG

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Code
1,1,1-TRICHLOROETHANE	480	U	U	
1,1,2,2-TETRACHLOROETHA	480	U	U	H01
1,1,2-TRICHLOROETHANE	480	U	U	
1,1-DICHLOROETHANE	480	U	U	
1,1-DICHLOROETHENE	480	U	U	
1,2-DICHLOROETHANE	480	U	U	
1,2-DICHLOROETHENE(TOTA	480	U	U	
1,2-DICHLOROPROPANE	480	U	U	
2-BUTANONE	480	U	UJ	C05, G01,G02
2-CHLOROETHYL VINYL ETH	480	U	UJ	C05, G01,G02
2-HEXANONE	480	U	UJ	C05, G01,G02,H01
4-METHYL-2-PENTANONE	480	U	UJ	C05, G01,G02
ACETONE	480	U	U	H04
BENZENE	690	D		
BROMODICHLOROMETHANE	480	U	U	
BROMOFORM	150	DJ		
BROMOMETHANE	480	U	U	

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-3-DL **Collection Date: 01/16/2001**

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Codes
CARBON DISULFIDE	480	U	U	
CARBON TETRACHLORIDE	480	U	U	
CHLOROBENZENE	480	U	U	
CHLOROETHANE	480	U	U	
CHLOROFORM	480	U	U	
CHLOROMETHANE	480	U	U	
CIS-1,3-DICHLOROPROPENE	480	U	U	
DIBROMOCHLOROMETHANE	480	U	U	
ETHYLBENZENE	3500	D		H01
METHYLENE CHLORIDE	480	U	UJ	C05,G01,G02
STYRENE	480	U	U	
TETRACHLOROETHENE	260	DJ		
TOLUENE	620	D		
TRANS-1,3-DICHLOROPROPE	480	U	U	
TRICHLOROETHENE	480	U	U	
VINYL ACETATE	480	U	U	
VINYL CHLORIDE	480	U	U	
XYLENE (TOTAL)	11000	D		

Method: SW 8270C **UG/KG**

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Code
1,2,4-TRICHLOROBENZENE	800	U	U	
1,2-DICHLOROBENZENE	800	U	U	
1,3-DICHLOROBENZENE	800	U	U	
1,4-DICHLOROBENZENE	800	U	U	
2,4,5-TRICHLOROPHENOL	2000	U	U	
2,4,6-TRICHLOROPHENOL	800	U	U	
2,4-DICHLOROPHENOL	800	U	U	
2,4-DIMETHYLPHENOL	800	U	U	
2,4-DINITROPHENOL	2000	U	UJ	D02,D04
2,4-DINITROTOLUENE	800	U	U	
2,6-DINITROTOLUENE	800	U	U	
2-CHLORONAPHTHALENE	800	U	U	
2-CHLOROPHENOL	800	U	U	
2-METHYLNAPHTHALENE	5600	D		
2-METHYLPHENOL	800	U	U	
2-NITROANILINE	2000	U	U	
2-NITROPHENOL	800	U	U	
3,3'-DICHLOROBENZIDINE	800	U	U	
3-NITROANILINE	2000	U	U	
4,6-DINITRO-2-METHYLPHEN	2000	U	U	
4-BROMOPHENYL-PHENYLET	800	U	U	
4-CHLORO-3-METHYLPHENO	800	U	U	
4-CHLOROANILINE	800	U	U	

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-3-DL **Collection Date: 01/16/2001**

Compound	Result	Qualifier		Data Validation Codes
		Lab	Data	
4-CHLOROPHENYL-PHENYLE	800	U	U	
4-METHYLPHENOL	800	U	U	
4-NITROANILINE	2000	U	U	
4-NITROPHENOL	2000	U	U	
ACENAPHTHENE	800	U	U	
ACENAPHTHYLENE	800	U	U	
ANTHRACENE	800	U	U	
BENZO(A)ANTHRACENE	800	U	U	
BENZO(A)PYRENE	800	U	U	
BENZO(B)FLUORANTHENE	800	U	U	
BENZO(G,H,I)PERYLENE	800	U	U	
BENZO(K)FLUORANTHENE	800	U	U	
BENZOIC ACID	800	U	U	
BENZYL ALCOHOL	800	U	U	
BIS(2-CHLOROETHOXY)MET	800	U	U	
BIS(2-CHLOROETHYL)ETHER	800	U	U	
BIS(2-CHLOROISOPROPYL)ET	800	U	U	
BIS(2-ETHYLHEXYL)PHTHAL	800	U	U	
BUTYL BENZYL PHTHALATE	800	U	U	
CARBAZOLE	800	U	U	
CHRYSENE	800	U	U	
DI-N-BUTYL PHTHALATE	800	U	U	
DI-N-OCTYL PHTHALATE	800	U	U	
DIBENZ(A,H)ANTHRACENE	800	U	U	
DIBENZOFURAN	800	U	U	
DIETHYLPHTHALATE	800	U	U	
DIMETHYL PHTHALATE	800	U	U	
FLUORANTHENE	800	U	U	
FLUORENE	400	DJ		
HEXACHLOROBENZENE	800	U	U	
HEXACHLOROBUTADIENE	800	U	U	
HEXACHLOROCYCLOPENTA	800	U	U	
HEXACHLOROETHANE	800	U	U	
INDENO(1,2,3-CD)PYRENE	800	U	U	
ISOPHORONE	800	U	U	
N-NITROSO-DI-N-PROPYLAMI	800	U	U	
N-NITROSODIPHENYLAMINE	800	U	U	
NAPHTHALENE	2200	D		
NITROBENZENE	800	U	U	
PENTACHLOROPHENOL	2000	U	U	
PHENANTHRENE	900	D		
PHENOL	800	U	U	
PYRENE	800	U	U	

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-4 **Collection Date: 01/16/2001**

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Codes

Sample FTS-SWMU26-4 **Collection Date: 01/16/2001**

Method: SW 8260B UG/KG

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Code
1,1,1-TRICHLOROETHANE	5	U	U	
1,1,2,2-TETRACHLOROETHA	5	U	U	
1,1,2-TRICHLOROETHANE	5	U	U	
1,1-DICHLOROETHANE	5	U	U	
1,1-DICHLOROETHENE	5	U	U	
1,2-DICHLOROETHANE	5	U	U	
1,2-DICHLOROETHENE(TOTA	5	U	U	
1,2-DICHLOROPROPANE	5	U	R	P02
2-BUTANONE	5	U	U	
2-CHLOROETHYL VINYL ETH	5	U	UJ	C05
2-HEXANONE	5	U	UJ	C05
4-METHYL-2-PENTANONE	5	U	U	
ACETONE	14		J	C05
BENZENE	490	E		
BROMODICHLOROMETHANE	5	U	U	
BROMOFORM	5	U	U	
BROMOMETHANE	5	U	U	
CARBON DISULFIDE	5	U	UJ	C05
CARBON TETRACHLORIDE	5	U	UJ	C05
CHLOROBENZENE	5	U	U	
CHLOROETHANE	5	U	U	
CHLOROFORM	5	U	U	
CHLOROMETHANE	5	U	U	
CIS-1,3-DICHLOROPROPENE	5	U	U	
DIBROMOCHLOROMETHANE	5	U	U	
ETHYLBENZENE	140			
METHYLENE CHLORIDE	5	U	UJ	C05
STYRENE	5	U	U	
TETRACHLOROETHENE	5	U	U	
TOLUENE	5	U	U	
TRANS-1,3-DICHLOROPROPE	5	U	U	
TRICHLOROETHENE	5	U	U	
VINYL ACETATE	5	U	U	
VINYL CHLORIDE	5	U	U	
XYLENE (TOTAL)	610	E		

Method: SW 8270C UG/KG

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Code

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-4 **Collection Date: 01/16/2001**

Compound	Result	Qualifier		Data Validation Codes
		Lab	Data	
1,2,4-TRICHLOROBENZENE	400	U	U	
1,2-DICHLOROBENZENE	400	U	U	
1,3-DICHLOROBENZENE	400	U	U	
1,4-DICHLOROBENZENE	400	U	U	
2,4,5-TRICHLOROPHENOL	990	U	U	
2,4,6-TRICHLOROPHENOL	400	U	U	
2,4-DICHLOROPHENOL	400	U	U	
2,4-DIMETHYLPHENOL	400	U	U	
2,4-DINITROPHENOL	990	U	UJ	D02,D04
2,4-DINITROTOLUENE	400	U	U	
2,6-DINITROTOLUENE	400	U	U	
2-CHLORONAPHTHALENE	400	U	U	
2-CHLOROPHENOL	400	U	U	
2-METHYLNAPHTHALENE	3400	E		
2-METHYLPHENOL	400	U	U	
2-NITROANILINE	990	U	U	
2-NITROPHENOL	400	U	U	
3,3'-DICHLOROBENZIDINE	400	U	U	
3-NITROANILINE	990	U	U	
4,6-DINITRO-2-METHYLPHEN	990	U	U	
4-BROMOPHENYL-PHENYLET	400	U	U	
4-CHLORO-3-METHYLPHENO	400	U	U	
4-CHLOROANILINE	400	U	U	
4-CHLOROPHENYL-PHENYLE	400	U	U	
4-METHYLPHENOL	400	U	U	
4-NITROANILINE	990	U	U	
4-NITROPHENOL	990	U	U	
ACENAPHTHENE	150	J		
ACENAPHTHYLENE	400	U	U	
ANTHRACENE	400	U	U	
BENZO(A)ANTHRACENE	400	U	U	
BENZO(A)PYRENE	400	U	U	
BENZO(B)FLUORANTHENE	400	U	U	
BENZO(G,H,I)PERYLENE	400	U	U	
BENZO(K)FLUORANTHENE	400	U	U	
BENZOIC ACID	400	U	U	
BENZYL ALCOHOL	400	U	U	
BIS(2-CHLOROETHOXY)MET	400	U	U	
BIS(2-CHLOROETHYL)ETHER	400	U	U	
BIS(2-CHLOROISOPROPYL)ET	400	U	U	
BIS(2-ETHYLHEXYL)PHTHAL	400	U	U	
BUTYL BENZYL PHTHALATE	400	U	U	
CARBAZOLE	400	U	U	
CHRYSENE	400	U	U	
DI-N-BUTYL PHTHALATE	400	U	U	

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-4 **Collection Date: 01/16/2001**

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Codes
DI-N-OCTYL PHTHALATE	400	U	U	
DIBENZ(A,H)ANTHRACENE	400	U	U	
DIBENZOFURAN	400	U	U	
DIETHYLPHTHALATE	400	U	U	
DIMETHYL PHTHALATE	400	U	U	
FLUORANTHENE	400	U	U	
FLUORENE	250	J		
FLUORENE	250	DJ		
HEXACHLOROBENZENE	400	U	U	
HEXACHLOROBUTADIENE	400	U	U	
HEXACHLOROCYCLOPENTA	400	U	U	
HEXACHLOROETHANE	400	U	U	
INDENO(1,2,3-CD)PYRENE	400	U	U	
ISOPHORONE	400	U	U	
N-NITROSO-DI-N-PROPYLAMI	400	U	U	
N-NITROSODIPHENYLAMINE	400	U	U	
NAPHTHALENE	1300			
NITROBENZENE	400	U	U	
PENTACHLOROPHENOL	990	U	U	
PHENANTHRENE	610			
PHENOL	400	U	U	
PYRENE	400	U	U	

Sample FTS-SWMU26-4-DL **Collection Date: 01/16/2001**

Method: SW 8260B UG/KG

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Code
1,1,1-TRICHLOROETHANE	490	U	U	
1,1,2,2-TETRACHLOROETHA	490	U	U	
1,1,2-TRICHLOROETHANE	490	U	U	H01
1,1-DICHLOROETHANE	490	U	U	
1,1-DICHLOROETHENE	490	U	U	
1,2-DICHLOROETHANE	490	U	U	
1,2-DICHLOROETHENE(TOTA	490	U	U	
1,2-DICHLOROPROPANE	490	U	U	
2-BUTANONE	490	U	UJ	C05
2-CHLOROETHYL VINYL ETH	490	U	UJ	C05
2-HEXANONE	490	U	UJ	C05,H01
4-METHYL-2-PENTANONE	490	U	UJ	C05
ACETONE	490	U	U	H04
BENZENE	750	D		
BROMODICHLOROMETHANE	490	U	U	
BROMOFORM	490	U	U	

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-4-DL **Collection Date: 01/16/2001**

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Codes
BROMOMETHANE	490	U	U	
CARBON DISULFIDE	490	U	UJ	C05
CARBON TETRACHLORIDE	490	U	U	
CHLOROBENZENE	490	U	U	
CHLOROETHANE	490	U	U	
CHLOROFORM	490	U	U	
CHLOROMETHANE	490	U	U	
CIS-1,3-DICHLOROPROPENE	490	U	U	
DIBROMOCHLOROMETHANE	490	U	U	
ETHYLBENZENE	790	D		H01
METHYLENE CHLORIDE	490	U	U	
STYRENE	490	U	U	
TETRACHLOROETHENE	490	U	U	
TOLUENE	600	D		
TRANS-1,3-DICHLOROPROPE	490	U	U	
TRICHLOROETHENE	490	U	U	
VINYL ACETATE	490	U	U	
VINYL CHLORIDE	490	U	U	
XYLENE (TOTAL)	3200	D		

Method: SW 8270C UG/KG

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Code
1,2,4-TRICHLOROBENZENE	790	U	U	
1,2-DICHLOROBENZENE	790	U	U	
1,3-DICHLOROBENZENE	790	U	U	
1,4-DICHLOROBENZENE	790	U	U	
2,4,5-TRICHLOROPHENOL	2000	U	U	
2,4,6-TRICHLOROPHENOL	790	U	U	
2,4-DICHLOROPHENOL	790	U	U	
2,4-DIMETHYLPHENOL	790	U	U	
2,4-DINITROPHENOL	2000	U	UJ	D02,D04
2,4-DINITROTOLUENE	790	U	U	
2,6-DINITROTOLUENE	790	U	U	
2-CHLORONAPHTHALENE	790	U	U	
2-CHLOROPHENOL	790	U	U	
2-METHYLNAPHTHALENE	3400	D		
2-METHYLNAPHTHALENE	3400	E		
2-METHYLPHENOL	790	U	U	
2-NITROANILINE	2000	U	U	
2-NITROPHENOL	790	U	U	
3,3'-DICHLOROBENZIDINE	790	U	U	
3-NITROANILINE	2000	U	U	
4,6-DINITRO-2-METHYLPHEN	2000	U	U	
4-BROMOPHENYL-PHENYLET	790	U	U	

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-4-DL **Collection Date: 01/16/2001**

Compound	Result	Qualifier		Data Validation Codes
		Lab	Data	
4-CHLORO-3-METHYLPHENO	790	U	U	
4-CHLOROANILINE	790	U	U	
4-CHLOROPHENYL-PHENYLE	790	U	U	
4-METHYLPHENOL	790	U	U	
4-NITROANILINE	2000	U	U	
4-NITROPHENOL	2000	U	U	
ACENAPHTHENE	790	U	U	
ACENAPHTHYLENE	790	U	U	
ANTHRACENE	790	U	U	
BENZO(A)ANTHRACENE	790	U	U	
BENZO(A)PYRENE	790	U	U	
BENZO(B)FLUORANTHENE	790	U	U	
BENZO(G,H,I)PERYLENE	790	U	U	
BENZO(K)FLUORANTHENE	790	U	U	
BENZOIC ACID	790	U	U	
BENZYL ALCOHOL	790	U	U	
BIS(2-CHLOROETHOXY)MET	790	U	U	
BIS(2-CHLOROETHYL)ETHER	790	U	U	
BIS(2-CHLOROISOPROPYL)ET	790	U	U	
BIS(2-ETHYLHEXYL)PHTHAL	790	U	U	
BUTYL BENZYL PHTHALATE	790	U	U	
CARBAZOLE	790	U	U	
CHRYSENE	790	U	U	
DI-N-BUTYL PHTHALATE	790	U	U	
DI-N-OCTYL PHTHALATE	790	U	U	
DIBENZ(A,H)ANTHRACENE	790	U	U	
DIBENZOFURAN	790	U	U	
DIETHYLPHTHALATE	790	U	U	
DIMETHYL PHTHALATE	790	U	U	
FLUORANTHENE	790	U	U	
FLUORENE	250	DJ		
HEXACHLOROBENZENE	790	U	U	
HEXACHLOROBUTADIENE	790	U	U	
HEXACHLOROCYCLOPENTA	790	U	U	
HEXACHLOROETHANE	790	U	U	
INDENO(1,2,3-CD)PYRENE	790	U	U	
ISOPHORONE	790	U	U	
N-NITROSO-DI-N-PROPYLAMI	790	U	U	
N-NITROSODIPHENYLAMINE	790	U	U	
NAPHTHALENE	1200	D		
NITROBENZENE	790	U	U	
PENTACHLOROPHENOL	2000	U	U	
PHENANTHRENE	560	DJ		
PHENOL	790	U	U	
PYRENE	790	U	U	

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-4-DL **Collection Date: 01/16/2001**

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Codes

Sample FTS-SWMU26-5 **Collection Date: 01/16/2001**

Method: SW 8260B UG/KG

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Code
1,1,1-TRICHLOROETHANE	5	U	U	
1,1,2,2-TETRACHLOROETHA	5	U	U	
1,1,2-TRICHLOROETHANE	5	U	U	
1,1-DICHLOROETHANE	5	U	U	
1,1-DICHLOROETHENE	5	U	U	
1,2-DICHLOROETHANE	5	U	U	
1,2-DICHLOROETHENE(TOTA	5	U	U	
1,2-DICHLOROPROPANE	5	U	R	P02
2-BUTANONE	5	U	U	
2-CHLOROETHYL VINYL ETH	5	U	UJ	C05
2-HEXANONE	5	U	UJ	C05
4-METHYL-2-PENTANONE	5	U	U	
ACETONE	5		J	C05
BENZENE	3	J	J	C05
BROMODICHLOROMETHANE	5	U	U	
BROMOFORM	5	U	U	
BROMOMETHANE	5	U	U	
CARBON DISULFIDE	5	U	UJ	C05
CARBON TETRACHLORIDE	5	U	U	
CHLOROBENZENE	5	U	U	
CHLOROETHANE	5	U	U	
CHLOROFORM	5	U	U	
CHLOROMETHANE	5	U	U	
CIS-1,3-DICHLOROPROPENE	5	U	U	
DIBROMOCHLOROMETHANE	5	U	U	
ETHYLBENZENE	19			
METHYLENE CHLORIDE	5	U	UJ	C05
STYRENE	5	U	U	
TETRACHLOROETHENE	5	U	U	
TOLUENE	3	J		
TRANS-1,3-DICHLOROPROPE	5	U	U	
TRICHLOROETHENE	5	U	U	
VINYL ACETATE	5	U	U	
VINYL CHLORIDE	5	U	U	
XYLENE (TOTAL)	110			

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-5 **Collection Date: 01/16/2001**

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Codes
Method: SW 8270C UG/KG				
Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Code
1,2,4-TRICHLOROBENZENE	370	U	U	
1,2-DICHLOROBENZENE	370	U	U	
1,3-DICHLOROBENZENE	370	U	U	
1,4-DICHLOROBENZENE	370	U	U	
2,4,5-TRICHLOROPHENOL	920	U	U	
2,4,6-TRICHLOROPHENOL	370	U	U	
2,4-DICHLOROPHENOL	370	U	U	
2,4-DIMETHYLPHENOL	370	U	U	
2,4-DINITROPHENOL	920	U	UJ	D02,D04
2,4-DINITROTOLUENE	370	U	U	
2,6-DINITROTOLUENE	370	U	U	
2-CHLORONAPHTHALENE	370	U	U	
2-CHLOROPHENOL	370	U	U	
2-METHYLNAPHTHALENE	520			
2-METHYLPHENOL	370	U	U	
2-NITROANILINE	920	U	U	
2-NITROPHENOL	370	U	U	
3,3'-DICHLOROBENZIDINE	370	U	U	
3-NITROANILINE	920	U	U	
4,6-DINITRO-2-METHYLPHEN	920	U	U	
4-BROMOPHENYL-PHENYLET	370	U	U	
4-CHLORO-3-METHYLPHENO	370	U	U	
4-CHLOROANILINE	370	U	U	
4-CHLOROPHENYL-PHENYLE	370	U	U	
4-METHYLPHENOL	370	U	U	
4-NITROANILINE	920	U	U	
4-NITROPHENOL	920	U	U	
ACENAPHTHENE	370	U	U	
ACENAPHTHYLENE	370	U	U	
ANTHRACENE	370	U	U	
BENZO(A)ANTHRACENE	370	U	U	
BENZO(A)PYRENE	370	U	U	
BENZO(B)FLUORANTHENE	370	U	U	
BENZO(G,H,I)PERYLENE	370	U	U	
BENZO(K)FLUORANTHENE	370	U	U	
BENZOIC ACID	370	U	U	
BENZYL ALCOHOL	370	U	U	
BIS(2-CHLOROETHOXY)MET	370	U	U	
BIS(2-CHLOROETHYL)ETHER	370	U	U	
BIS(2-CHLOROISOPROPYL)ET	370	U	U	
BIS(2-ETHYLHEXYL)PHTHAL	370	U	U	
BUTYL BENZYL PHTHALATE	370	U	U	

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-5 **Collection Date: 01/16/2001**

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Codes
CARBAZOLE	370	U	U	
CHRYSENE	370	U	U	
DI-N-BUTYL PHTHALATE	370	U	U	
DI-N-OCTYL PHTHALATE	370	U	U	
DIBENZ(A,H)ANTHRACENE	370	U	U	
DIBENZOFURAN	370	U	U	
DIETHYLPHTHALATE	370	U	U	
DIMETHYL PHTHALATE	370	U	U	
FLUORANTHENE	370	U	U	
FLUORENE	370	U	U	
HEXACHLOROBENZENE	370	U	U	
HEXACHLOROBUTADIENE	370	U	U	
HEXACHLOROCYCLOPENTA	370	U	U	
HEXACHLOROETHANE	370	U	U	
INDENO(1,2,3-CD)PYRENE	370	U	U	
ISOPHORONE	370	U	U	
N-NITROSO-DI-N-PROPYLAMI	370	U	U	
N-NITROSODIPHENYLAMINE	370	U	U	
NAPHTHALENE	310	J	J	
NITROBENZENE	370	U	U	
PENTACHLOROPHENOL	920	U	U	
PHENANTHRENE	370	U	U	
PHENOL	370	U	U	
PYRENE	370	U	U	

Sample FTS-SWMU26-6 **Collection Date: 01/16/2001**

Method: SW 8260B UG/KG

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Code
1,1,1-TRICHLOROETHANE	540	U	U	
1,1,2,2-TETRACHLOROETHA	540	U	U	
1,1,2-TRICHLOROETHANE	540	U	U	
1,1-DICHLOROETHANE	540	U	U	
1,1-DICHLOROETHENE	540	U	U	
1,2-DICHLOROETHANE	540	U	U	
1,2-DICHLOROETHENE(TOTA	540	U	U	
1,2-DICHLOROPROPANE	540	U	U	
2-BUTANONE	540	U	UJ	C05
2-CHLOROETHYL VINYL ETH	540	U	UJ	C05
2-HEXANONE	540	U	UJ	C05
4-METHYL-2-PENTANONE	540	U	UJ	C05
ACETONE	540	U	U	
BENZENE	5100			

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-6 **Collection Date: 01/16/2001**

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Codes
BROMODICHLOROMETHANE	540	U	U	
BROMOFORM	540	U	U	
BROMOMETHANE	540	U	U	
CARBON DISULFIDE	540	U	UJ	C05
CARBON TETRACHLORIDE	540	U	U	
CHLOROBENZENE	540	U	U	
CHLOROETHANE	540	U	U	
CHLOROFORM	540	U	U	
CHLOROMETHANE	540	U	U	
CIS-1,3-DICHLOROPROPENE	540	U	U	
DIBROMOCHLOROMETHANE	540	U	U	
ETHYLBENZENE	13000			
METHYLENE CHLORIDE	540	U	U	
STYRENE	540	U	U	
TETRACHLOROETHENE	540	U	U	
TOLUENE	170	J		
TRANS-1,3-DICHLOROPROPE	540	U	U	
TRICHLOROETHENE	540	U	U	
VINYL ACETATE	540	U	U	
VINYL CHLORIDE	540	U	U	
XYLENE (TOTAL)	50000			

Method: SW 8270C UG/KG

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Code
1,2,4-TRICHLOROBENZENE	410	U	U	
1,2-DICHLOROBENZENE	410	U	U	
1,3-DICHLOROBENZENE	410	U	U	
1,4-DICHLOROBENZENE	410	U	U	
2,4,5-TRICHLOROPHENOL	1000	U	U	
2,4,5-TRICHLOROPHENOL	1000	U	U	
2,4,5-TRICHLOROPHENOL	1000	U	U	
2,4,6-TRICHLOROPHENOL	410	U	U	
2,4,6-TRICHLOROPHENOL	410	U	U	
2,4-DICHLOROPHENOL	410	U	U	
2,4-DICHLOROPHENOL	410	U	U	
2,4-DIMETHYLPHENOL	410	U	U	
2,4-DIMETHYLPHENOL	410	U	U	
2,4-DINITROPHENOL	1000	U	UJ	D02,D04
2,4-DINITROPHENOL	1000	U	UJ	D02,D04
2,4-DINITROPHENOL	1000	U	UJ	D02,D04
2,4-DINITROTOLUENE	410	U	U	
2,6-DINITROTOLUENE	410	U	U	
2,6-DINITROTOLUENE	410	U	U	
2-CHLORONAPHTHALENE	410	U	U	

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-6 **Collection Date: 01/16/2001**

Compound	Result	Qualifier		Data Validation Codes
		Lab	Data	
2-CHLORONAPHTHALENE	410	U	U	
2-CHLOROPHENOL	410	U	U	
2-METHYLNAPHTHALENE	13000	E		
2-METHYLPHENOL	410	U	U	
2-METHYLPHENOL	410	U	U	
2-NITROANILINE	1000	U	U	
2-NITROANILINE	1000	U	U	
2-NITROANILINE	1000	U	U	
2-NITROPHENOL	410	U	U	
2-NITROPHENOL	410	U	U	
3,3'-DICHLOROBENZIDINE	410	U	U	
3,3'-DICHLOROBENZIDINE	410	U	U	
3-NITROANILINE	1000	U	U	
3-NITROANILINE	1000	U	U	
3-NITROANILINE	1000	U	U	
4,6-DINITRO-2-METHYLPHEN	1000	U	U	
4,6-DINITRO-2-METHYLPHEN	1000	U	U	
4,6-DINITRO-2-METHYLPHEN	1000	U	U	
4-BROMOPHENYL-PHENYLET	410	U	U	
4-BROMOPHENYL-PHENYLET	410	U	U	
4-CHLORO-3-METHYLPHENO	410	U	U	H01
4-CHLOROANILINE	410	U	U	
4-CHLOROANILINE	410	U	U	
4-CHLOROPHENYL-PHENYLE	410	U	U	
4-CHLOROPHENYL-PHENYLE	410	U	U	
4-METHYLPHENOL	410	U	U	
4-METHYLPHENOL	410	U	U	
4-NITROANILINE	1000	U	U	
4-NITROANILINE	1000	U	U	
4-NITROANILINE	1000	U	U	
4-NITROPHENOL	1000	U	U	H01
ACENAPHTHENE	410	U	U	
ACENAPHTHYLENE	410	U	U	
ACENAPHTHYLENE	410	U	U	
ANTHRACENE	410	U	U	
ANTHRACENE	410	U	U	
BENZO(A)ANTHRACENE	23	J		
BENZO(A)PYRENE	410	U	U	
BENZO(B)FLUORANTHENE	410	U	U	
BENZO(G,H,I)PERYLENE	410	U	U	
BENZO(K)FLUORANTHENE	410	U	U	
BENZOIC ACID	410	U	U	
BENZYL ALCOHOL	410	U	U	
BIS(2-CHLOROETHOXY)MET	410	U	U	
BIS(2-CHLOROETHYL)ETHER	410	U	U	

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-6 **Collection Date: 01/16/2001**

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Codes
BIS(2-CHLOROISOPROPYL)ET	410	U	U	
BIS(2-ETHYLHEXYL)PHTHAL	740			
BUTYL BENZYL PHTHALATE	410	U	U	
CARBAZOLE	410	U	U	
CHRYSENE	47	J		
DI-N-BUTYL PHTHALATE	410	U	U	
DI-N-OCTYL PHTHALATE	410	U	U	
DIBENZ(A,H)ANTHRACENE	410	U	U	
DIBENZOFURAN	410	U	U	
DIETHYLPHTHALATE	410	U	U	
DIMETHYL PHTHALATE	410	U	U	
FLUORANTHENE	150	J		
FLUORENE	1200			
HEXACHLOROBENZENE	410	U	U	
HEXACHLOROBUTADIENE	410	U	U	
HEXACHLOROCYCLOPENTA	410	U	U	
HEXACHLOROETHANE	410	U	U	
INDENO(1,2,3-CD)PYRENE	410	U	U	
ISOPHORONE	410	U	U	
N-NITROSO-DI-N-PROPYLAMI	410	U	U	H01
N-NITROSODIPHENYLAMINE	410	U	U	
NAPHTHALENE	6000	E		
NITROBENZENE	410	U	U	
PENTACHLOROPHENOL	1000	U	U	
PHENANTHRENE	2600			
PHENOL	410	U	U	H01
PYRENE	380	J		

Sample FTS-SWMU26-6-DL **Collection Date: 01/16/2001**

Method: SW 8260B UG/KG

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Code
1,1,1-TRICHLOROETHANE	2200	U	U	
1,1,2,2-TETRACHLOROETHA	2200	U	U	H01
1,1,2-TRICHLOROETHANE	2200	U	U	
1,1-DICHLOROETHANE	2200	U	U	
1,1-DICHLOROETHENE	2200	U	U	
1,2-DICHLOROETHANE	2200	U	U	
1,2-DICHLOROETHENE(TOTA	2200	U	U	
1,2-DICHLOROPROPANE	2200	U	U	
2-BUTANONE	2200	U	UJ	C05
2-CHLOROETHYL VINYL ETH	2200	U	UJ	C05
2-HEXANONE	2200	U	UJ	C05,H01

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-6-DL **Collection Date: 01/16/2001**

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Codes
4-METHYL-2-PENTANONE	2200	U	UJ	C05
ACETONE	2200	U	U	H04
BENZENE	4400	D		
BROMODICHLOROMETHANE	2200	U	U	
BROMOFORM	2200	U	U	
BROMOMETHANE	2200	U	U	
CARBON DISULFIDE	2200	U	UJ	C05
CARBON TETRACHLORIDE	2200	U	U	
CHLOROBENZENE	2200	U	U	
CHLOROETHANE	2200	U	U	
CHLOROFORM	2200	U	U	
CHLOROMETHANE	2200	U	U	
CIS-1,3-DICHLOROPROPENE	2200	U	U	
DIBROMOCHLOROMETHANE	2200	U	U	
ETHYLBENZENE	11000	D		H01
METHYLENE CHLORIDE	2200	U	U	
STYRENE	2200	U	U	
TETRACHLOROETHENE	2200	U	U	
TOLUENE	2200	U	U	
TRANS-1,3-DICHLOROPROPE	2200	U	U	
TRICHLOROETHENE	2200	U	U	
VINYL ACETATE	2200	U	U	
VINYL CHLORIDE	2200	U	U	
XYLENE (TOTAL)	40000	D		

Method: SW 8270C UG/KG

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Code
1,2,4-TRICHLOROBENZENE	2000	U	U	
1,2-DICHLOROBENZENE	2000	U	U	
1,3-DICHLOROBENZENE	2000	U	U	
1,4-DICHLOROBENZENE	2000	U	U	
2,4,5-TRICHLOROPHENOL	5100	U	U	
2,4,6-TRICHLOROPHENOL	2000	U	U	
2,4-DICHLOROPHENOL	2000	U	U	
2,4-DIMETHYLPHENOL	2000	U	U	
2,4-DINITROPHENOL	5100	U	U	D02
2,4-DINITROTOLUENE	2000	U	U	
2,6-DINITROTOLUENE	2000	U	U	
2-CHLORONAPHTHALENE	2000	U	U	
2-CHLOROPHENOL	2000	U	U	
2-METHYLNAPHTHALENE	8400	D		
2-METHYLPHENOL	2000	U	U	
2-NITROANILINE	5100	U	U	
2-NITROPHENOL	2000	U	U	

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-6-DL **Collection Date: 01/16/2001**

Compound	Result	Qualifier		Data Validation Codes
		Lab	Data	
3,3'-DICHLOROBENZIDINE	2000	U	U	
3-NITROANILINE	5100	U	U	
4,6-DINITRO-2-METHYLPHEN	5100	U	U	
4-BROMOPHENYL-PHENYLET	2000	U	U	
4-CHLORO-3-METHYLPHENO	2000	U	U	
4-CHLOROANILINE	2000	U	U	
4-CHLOROPHENYL-PHENYLE	2000	U	U	
4-METHYLPHENOL	2000	U	U	
4-NITROANILINE	5100	U	U	
4-NITROPHENOL	5100	U	U	
ACENAPHTHENE	2000	U	U	
ACENAPHTHYLENE	2000	U	U	
ANTHRACENE	2000	U	U	
BENZO(A)ANTHRACENE	2000	U	U	
BENZO(A)PYRENE	2000	U	U	
BENZO(B)FLUORANTHENE	2000	U	U	
BENZO(G,H,I)PERYLENE	2000	U	U	
BENZO(K)FLUORANTHENE	2000	U	U	
BENZOIC ACID	2000	U	U	
BENZYL ALCOHOL	2000	U	U	
BIS(2-CHLOROETHOXY)MET	2000	U	U	
BIS(2-CHLOROETHYL)ETHER	2000	U	U	
BIS(2-CHLOROISOPROPYL)ET	2000	U	U	
BIS(2-ETHYLHEXYL)PHTHAL	2000	U	U	
BUTYL BENZYL PHTHALATE	2000	U	U	
CARBAZOLE	2000	U	U	
CHRYSENE	2000	U	U	
DI-N-BUTYL PHTHALATE	2000	U	U	
DI-N-OCTYL PHTHALATE	2000	U	U	
DIBENZ(A,H)ANTHRACENE	2000	U	U	
DIBENZOFURAN	2000	U	U	
DIETHYLPHTHALATE	2000	U	U	
DIMETHYL PHTHALATE	2000	U	U	
FLUORANTHENE	2000	U	U	
FLUORENE	620	DJ		
HEXACHLOROBENZENE	2000	U	U	
HEXACHLOROBUTADIENE	2000	U	U	
HEXACHLOROCYCLOPENTA	2000	U	U	
HEXACHLOROETHANE	2000	U	U	
INDENO(1,2,3-CD)PYRENE	2000	U	U	
ISOPHORONE	2000	U	U	
N-NITROSO-DI-N-PROPYLAMI	2000	U	U	
N-NITROSODIPHENYLAMINE	2000	U	U	
NAPHTHALENE	3100	D		
NITROBENZENE	2000	U	U	

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-6-DL **Collection Date: 01/16/2001**

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Codes
PENTACHLOROPHENOL	5100	U	U	
PHENANTHRENE	1400	DJ		
PHENOL	2000	U	U	
PYRENE	2000	U	U	

Sample FTS-SWMU26-7 **Collection Date: 01/16/2001**

Method: SW 8260B UG/KG

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Code
1,1,1-TRICHLOROETHANE	5	U	U	
1,1,2,2-TETRACHLOROETHA	5	U	U	
1,1,2-TRICHLOROETHANE	5	U	U	
1,1-DICHLOROETHANE	5	U	U	
1,1-DICHLOROETHENE	5	U	U	
1,2-DICHLOROETHANE	5	U	U	
1,2-DICHLOROETHENE(TOTA	5	U	U	
1,2-DICHLOROPROPANE	5	U	U	
2-BUTANONE	5	U	U	
2-CHLOROETHYL VINYL ETH	5	U	UJ	C05
2-HEXANONE	5	U	UJ	C05
4-METHYL-2-PENTANONE	5	U	UJ	C05
ACETONE	11		J	C05
BENZENE	5	U	U	
BROMODICHLOROMETHANE	5	U	U	
BROMOFORM	5	U	UJ	C05
BROMOMETHANE	5	U	U	
CARBON DISULFIDE	5	U	UJ	C05
CARBON TETRACHLORIDE	5	U	U	
CHLOROBENZENE	5	U	U	
CHLOROETHANE	5	U	U	
CHLOROFORM	5	U	U	
CHLOROMETHANE	5	U	UJ	C05
CIS-1,3-DICHLOROPROPENE	5	U	U	
DIBROMOCHLOROMETHANE	5	U	UJ	C05
ETHYLBENZENE	8			
METHYLENE CHLORIDE	5	U	UJ	C05
STYRENE	5	U	U	
TETRACHLOROETHENE	5	U	UJ	C05
TOLUENE	5	U	U	
TRANS-1,3-DICHLOROPROPE	5	U	U	
TRICHLOROETHENE	5	U	U	
VINYL ACETATE	5	U	UJ	C05
VINYL CHLORIDE	5	U	U	

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-7 **Collection Date: 01/16/2001**

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Codes
XYLENE (TOTAL)	24			

Method: SW 8270C UG/KG

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Code
1,2,4-TRICHLOROBENZENE	410	U	U	
1,2-DICHLOROBENZENE	410	U	U	
1,3-DICHLOROBENZENE	410	U	U	
1,4-DICHLOROBENZENE	410	U	U	
2,4,5-TRICHLOROPHENOL	1000	U	U	
2,4,6-TRICHLOROPHENOL	410	U	U	
2,4-DICHLOROPHENOL	410	U	U	
2,4-DIMETHYLPHENOL	410	U	U	
2,4-DINITROPHENOL	1000	U	UJ	D02,D04
2,4-DINITROTOLUENE	410	U	U	
2,6-DINITROTOLUENE	410	U	U	
2-CHLORONAPHTHALENE	410	U	U	
2-CHLOROPHENOL	410	U	U	
2-METHYLNAPHTHALENE	150	J		
2-METHYLPHENOL	410	U	U	
2-NITROANILINE	1000	U	U	
2-NITROPHENOL	410	U	U	
3,3'-DICHLOROBENZIDINE	410	U	U	
3-NITROANILINE	1000	U	U	
4,6-DINITRO-2-METHYLPHEN	1000	U	U	
4-BROMOPHENYL-PHENYLET	410	U	U	
4-CHLORO-3-METHYLPHENO	410	U	U	
4-CHLOROANILINE	410	U	U	
4-CHLOROPHENYL-PHENYLE	410	U	U	
4-METHYLPHENOL	410	U	U	
4-NITROANILINE	1000	U	U	
4-NITROPHENOL	1000	U	U	
ACENAPHTHENE	140	J		
ACENAPHTHYLENE	410	U	U	
ANTHRACENE	410	U	U	
BENZO(A)ANTHRACENE	410	U	U	
BENZO(A)PYRENE	410	U	U	
BENZO(B)FLUORANTHENE	410	U	U	
BENZO(G,H,I)PERYLENE	410	U	U	
BENZO(K)FLUORANTHENE	410	U	U	
BENZOIC ACID	410	U	U	
BENZYL ALCOHOL	410	U	U	
BIS(2-CHLOROETHOXY)MET	410	U	U	
BIS(2-CHLOROETHYL)ETHER	410	U	U	
BIS(2-CHLOROISOPROPYL)ET	410	U	U	

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-7 **Collection Date: 01/16/2001**

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Codes
BIS(2-ETHYLHEXYL)PHTHAL	150	J		
BUTYL BENZYL PHTHALATE	410	U	U	
CARBAZOLE	410	U	U	
CHRYSENE	410	U	U	
DI-N-BUTYL PHTHALATE	410	U	U	
DI-N-OCTYL PHTHALATE	410	U	U	
DIBENZ(A,H)ANTHRACENE	410	U	U	
DIBENZOFURAN	410	U	U	
DIETHYLPHTHALATE	410	U	U	
DIMETHYL PHTHALATE	410	U	U	
FLUORANTHENE	410	U	U	
FLUORENE	81	J		
HEXACHLOROBENZENE	410	U	U	
HEXACHLOROBUTADIENE	410	U	U	
HEXACHLOROCYCLOPENTA	410	U	U	
HEXACHLOROETHANE	410	U	U	
INDENO(1,2,3-CD)PYRENE	410	U	U	
ISOPHORONE	410	U	U	
N-NITROSO-DI-N-PROPYLAMI	410	U	U	
N-NITROSODIPHENYLAMINE	410	U	U	
NAPHTHALENE	410	U	U	
NITROBENZENE	410	U	U	
PENTACHLOROPHENOL	1000	U	U	
PHENANTHRENE	240	J		
PHENOL	410	U	U	
PYRENE	410	U	U	

Sample FTS-SWMU26-8 **Collection Date: 01/16/2001**

Method: SW 8260B UG/KG

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Code
1,1,1-TRICHLOROETHANE	5	U	U	
1,1,2,2-TETRACHLOROETHA	5	U	U	
1,1,2-TRICHLOROETHANE	5	U	U	
1,1-DICHLOROETHANE	5	U	U	
1,1-DICHLOROETHENE	5	U	U	
1,2-DICHLOROETHANE	5	U	U	
1,2-DICHLOROETHENE(TOTA	5	U	U	
1,2-DICHLOROPROPANE	5	U	U	
2-BUTANONE	5	U	U	
2-CHLOROETHYL VINYL ETH	5	U	UJ	C05
2-HEXANONE	5	U	UJ	C05
4-METHYL-2-PENTANONE	5	U	UJ	C05

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-8 **Collection Date: 01/16/2001**

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Codes
ACETONE	14		J	C05
BENZENE	2	J		
BROMODICHLOROMETHANE	5	U	U	
BROMOFORM	5	U	UJ	C05
BROMOMETHANE	5	U	U	
CARBON DISULFIDE	5	U	UJ	C05
CARBON TETRACHLORIDE	5	U	U	
CHLOROBENZENE	5	U	U	
CHLOROETHANE	5	U	U	
CHLOROFORM	5	U	U	
CHLOROMETHANE	5	U	UJ	C05
CIS-1,3-DICHLOROPROPENE	5	U	U	
DIBROMOCHLOROMETHANE	5	U	UJ	C05
ETHYLBENZENE	11			
METHYLENE CHLORIDE	5	U	UJ	C05
STYRENE	5	U	U	
TETRACHLOROETHENE	5	U	UJ	C05
TOLUENE	5	U	U	
TRANS-1,3-DICHLOROPROPE	5	U	U	
TRICHLOROETHENE	5	U	U	
VINYL ACETATE	5	U	UJ	C05
VINYL CHLORIDE	5	U	U	
XYLENE (TOTAL)	39			

Method: SW 8270C UG/KG

Compound	Result	Qualifier Lab	Qualifier Data	Data Validation Code
1,2,4-TRICHLOROBENZENE	410	U	U	
1,2-DICHLOROBENZENE	410	U	U	
1,3-DICHLOROBENZENE	410	U	U	
1,4-DICHLOROBENZENE	410	U	U	
2,4,5-TRICHLOROPHENOL	1000	U	U	
2,4,6-TRICHLOROPHENOL	410	U	U	
2,4-DICHLOROPHENOL	410	U	U	
2,4-DIMETHYLPHENOL	410	U	U	
2,4-DINITROPHENOL	1000	U	UJ	D02,D04
2,4-DINITROTOLUENE	410	U	U	
2,6-DINITROTOLUENE	410	U	U	
2-CHLORONAPHTHALENE	410	U	U	
2-CHLOROPHENOL	410	U	U	
2-METHYLNAPHTHALENE	410	U	U	
2-METHYLPHENOL	410	U	U	
2-NITROANILINE	1000	U	U	
2-NITROPHENOL	410	U	U	
3,3'-DICHLOROBENZIDINE	410	U	U	

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-8 **Collection Date: 01/16/2001**

Compound	Result	Qualifier		Data Validation Codes
		Lab	Data	
3-NITROANILINE	1000	U	U	
4,6-DINITRO-2-METHYLPHEN	1000	U	U	
4-BROMOPHENYL-PHENYLET	410	U	U	
4-CHLORO-3-METHYLPHENO	410	U	U	
4-CHLOROANILINE	410	U	U	
4-CHLOROPHENYL-PHENYLE	410	U	U	
4-METHYLPHENOL	410	U	U	
4-NITROANILINE	1000	U	U	
4-NITROPHENOL	1000	U	U	
ACENAPHTHENE	410	U	U	
ACENAPHTHYLENE	410	U	U	
ANTHRACENE	410	U	U	
BENZO(A)ANTHRACENE	410	U	U	
BENZO(A)PYRENE	410	U	U	
BENZO(B)FLUORANTHENE	410	U	U	
BENZO(G,H,I)PERYLENE	410	U	U	
BENZO(K)FLUORANTHENE	410	U	U	
BENZOIC ACID	410	U	U	
BENZYL ALCOHOL	410	U	U	
BIS(2-CHLOROETHOXY)MET	410	U	U	
BIS(2-CHLOROETHYL)ETHER	410	U	U	
BIS(2-CHLOROISOPROPYL)ET	410	U	U	
BIS(2-ETHYLHEXYL)PHTHAL	160	J		
BUTYL BENZYL PHTHALATE	410	U	U	
CARBAZOLE	410	U	U	
CHRYSENE	410	U	U	
DI-N-BUTYL PHTHALATE	410	U	U	
DI-N-OCTYL PHTHALATE	410	U	U	
DIBENZ(A,H)ANTHRACENE	410	U	U	
DIBENZOFURAN	410	U	U	
DIETHYLPHTHALATE	410	U	U	
DIMETHYL PHTHALATE	410	U	U	
FLUORANTHENE	410	U	U	
FLUORENE	410	U	U	
HEXACHLOROBENZENE	410	U	U	
HEXACHLOROBUTADIENE	410	U	U	
HEXACHLOROCYCLOPENTA	410	U	U	
HEXACHLOROETHANE	410	U	U	
INDENO(1,2,3-CD)PYRENE	410	U	U	
ISOPHORONE	410	U	U	
N-NITROSO-DI-N-PROPYLAMI	410	U	U	
N-NITROSODIPHENYLAMINE	410	U	U	
NAPHTHALENE	410	U	U	
NITROBENZENE	410	U	U	
PENTACHLOROPHENOL	1000	U	U	

Site: SWMU 26 Fort Stewart
Sample FTS-SWMU26-8 **Collection Date: 01/16/2001**

Compound	Result	Qualifier		Data Validation Codes
		Lab	Data	
PHENANTHRENE	220	J		
PHENOL	410	U	U	
PYRENE	410	U	U	

CHAIN OF CUSTODY RECORD

SOUTHWEST LABORATORY OF OKLAHOMA, INC.
1700 W. Albany • Broken Arrow, Oklahoma 74012-1421
Office: 918-251-2858 • Fax 918-251-2599

TM

SAMPLING FIRM: Earth Tech | CLIENT CONTACT: Ms Jean McKee | PHONE NUMBER: 865-483-9404

P.O. or PROPOSAL NUMBER: | PROJECT NAME: Ft Stewart Tanker Purge Facility (SWMU 426)

SAMPLER: (Signature)

~~SAMPLE NO.~~	DATE	TIME	COMP.	GRAB	~~LOCATION~~ Sample ID	MATRIX	NUMBER OF CONTAINERS	ANALYTICAL TESTS REQUESTED: VOC (8260)	SVOC (8270)	REMARKS
	1/16/01	0920		X	FTS-SWMU426-1	soil	4	X	X	72-96 hr turn-around
	1/16/01	0930		X	FTS-SWMU426-2	soil	4	X	X	
	1/16/01	0940		X	FTS-SWMU426-3	soil	4	X	X	
	1/16/01	0950		X	FTS-SWMU426-4	soil	4	X	X	
	1/16/01	1000		X	FTS-SWMU426-5	soil	4	X	X	
	1/16/01	1445		X	FTS-SWMU426-6	soil	4	X	X	
	1/16/01	1450		X	FTS-SWMU426-6-MS/MSD	soil	4	X	X	
	1/16/01	1500		X	FTS-SWMU426-7	soil	4	X	X	
	1/16/01	1505		X	FTS-SWMU426-8	soil	4	X	X	

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)
	1/16/01	1900	Fed Ex

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED FOR LABORATORY BY: (Signature)
	1/17/01	8:15	Janet Fitzgerald

REMARKS: 4 °C

12-1192-03]

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