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SEVERN TRENT LABORATORIES ANALYTICAL REPORT

JOB NUMBER: 223220

Prepared For:

SCS Engineers, Inc.
10401 Holmes Road
Suite 400
Kansas City, MO 64131

Project: GSA - SLOP - Investigation

Attention: David Brewer

Date: 01/09/2004

(b) (6) [redacted]

Signature

Name: Richard C. Wright

Title: Project Manager

E-Mail: rwright@stl-inc.com

1/9/04

Date

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This Report Contains (72) Pages

Severn Trent Laboratories - Chicago
METALS CASE NARRATIVE

Client: SCS Engineers, Inc. Date Rec'd: 12/19/03
Project: GSA - SLOP
STL#: 223220

1. This narrative covers Metals analysis of samples in the above Job 223220.

   Method Refs: USEPA, SW-846

2. All analyses were performed within the required holding times.

3. All Initial and Continuing Calibration Verification (ICV/CCV's) that bracket the samples were within control limits.

4. All Initial and Continuing Calibration Blanks (ICB/CCB's) that bracket the samples were within control limits.

5. All ICP Interference (ICSA/ICSAB) Check Standards were within control limits.

6. All Preparation/Method Blanks were less than the Reporting Limit except for Prep Batch 105710 Ca (0.24 mg/L) and Prep Batch 105950 Cu (4.5 mg/Kg) and Fe (5.3 mg/Kg). The Ca, Cu and Fe concentrations in the samples were greater than ten times the MB concentration in these Prep Batches, therefore reanalysis was not required. Also, Prep Batch 106369 (Wipes), the MB were above the reporting limits for Cu (4.5 mg/Kg) and Fe (5.3 mg/Kg). The sample concentration were all greater than ten times the MB except for Samples 6,8 and 9 for Cu. Since these samples were wipes, redigestion and reanalysis could not be performed, therefore the results were reported.

7. Laboratory Control Sample (LCS) recoveries were within the 80-120% control limit except for K in Prep Batches 105950/106369 (76%). OK to report per the Project Manager. Note 106369 is the Wipe Batch.

8. Matrix QC not requested.

(b) (6)

Jodi L. Wojcik
Metals Unit Leader

12-19-04
Date

STL Chicago
PCB Case Narrative

SCS Engineers, Inc.
GSA – SLOP - Investigation
Job #: 223220-2 and 4 through 16
PCBs

1. STL Chicago used the following Gas Chromatographic systems for the analysis of PCBs:

ID#	INSTRUMENT	COLUMN TYPE	DETECTOR
07	Varian 3400	Rtx-5	Electron Capture
08	Varian 3400	Rtx-Clp2	Electron Capture

2. These soil and wipe samples were extracted based on SW846 method 3550. All extracts were analyzed for PCBs based on SW846 method 8082. All extracts received a sulfuric acid cleanup and a GPC cleanup on the soil extracts in order to reduce matrix interference.

3. All required holding times were met for the extraction and analysis.

4. The method blanks were below the reporting limits for all Aroclors.

5. The surrogate compounds used for this analysis were Decachlorobiphenyl (DCB) and Tetrachloro-m-xylene (TCX). All surrogate recoveries were within statistical control limits except sample 223220-5, which had both surrogates diluted out and flagged "D", sample 223220-7, which had DCB biased low with 29% recovery, and sample 223220-14, which had DCB biased low with 21% recovery. The biased low samples were wipes and insufficient sample existed for re-extraction.

6. A solution containing Aroclor 1016 and Aroclor 1260 was used for spiking.

7. The blank spike and blank spike duplicate recoveries and RPDs were within statistical control limits except blank spike associated with soil extracts (prep batch 105702) that had Aroclor biased high with 110% recovery. Target compounds were not detected in the soil extracts.

8. A matrix spike and a matrix spike duplicate were not performed on a sample from this SDG.

9. All initial and continuing (grand mean <15% difference) standard calibrations associated with these samples were in control on both columns except CCV that ran 01/03/04 at 04:38 on the primary column (Rtx-5), which had Aroclor 1260 biased high with 19.0% difference. Target compounds were not detected in samples associated with this CCV.

10. Target compounds were confirmed using a second column.

11. Sample 223220-5 was given a 1/10 dilution prior to GPC due to sample matrix. Several samples were analyzed at various dilutions due to level of target compounds as well as sample matrix. Reporting limits have been adjusted to reflect the necessary dilutions.

(b) (6) [redacted]

Patti Gibson
Organics Section Manager

11/6/09
Date

STL Chicago
Explosives Case Narrative

SCS Engineers, Inc.
GSA – SLOP - Investigation
Job #: 223220-1, 2, 3, and 21
Explosives

1. STL Chicago uses the following HPLC systems for analysis of Nitroaromatics and Nitramines:

ID#	INSTRUMENT	COLUMN TYPE	DETECTOR
43	Agilent 1100	C-18	UV – 254nm
44	Agilent 1100	Phenyl Hexyl	UV – 254nm

2. These samples were extracted and analyzed for explosives based on SW846 method 8330.

3. All required holding times were met for the extraction and analysis.

4. The method blanks were below the reporting limit for all target compounds.

5. The surrogate compound used for this analysis was 1,2-Dinitrobenzene (1,2-DNB). All surrogate recoveries were within statistical control limits.

6. All blank spike and blank spike duplicate recoveries and RPDs were within statistical control limits.

7. A matrix spike and a matrix spike duplicate were performed on sample 223220-2 (TS-1). All matrix spike and matrix spike duplicate recoveries and RPDs were within statistical control limits.

8. All initial and continuing standard calibrations associated with these samples were in control on the primary column (C18).

9. Target compounds were not detected in the primary analysis. Therefore, a second column confirmation was not required.

(b) (6) [redacted]

Patti Gibson
Organics Section Manager

11/6/09
Date

STL Chicago is part of Severn Trent Laboratories, Inc.

SAMPLE INFORMATION
Date: 01/09/2004

Job Number.: 223220
Customer...: SCS Engineers, Inc.
Attn.....: David Brewer

Project Number.....: 20002601
Customer Project ID....: GSA - SLOP
Project Description....: GSA - SLOP - Investigation

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
223220-1	TW-1	Water	12/18/2003	10:45	12/19/2003	10:15
223220-2	TS-1	Soil	12/18/2003	10:45	12/19/2003	10:15
223220-3	TW-2	Water	12/18/2003	11:20	12/19/2003	10:15
223220-4	TS-2	Soil	12/18/2003	11:35	12/19/2003	10:15
223220-5	102 SED-1	Soil	12/18/2003	11:45	12/19/2003	10:15
223220-6	110WS-1	Wipe	12/18/2003	14:40	12/19/2003	10:15
223220-7	110WS-2	Wipe	12/18/2003	14:40	12/19/2003	10:15
223220-8	110WS-3	Wipe	12/18/2003	15:00	12/19/2003	10:15
223220-9	110WS-4	Wipe	12/18/2003	15:05	12/19/2003	10:15
223220-10	108A WS-1	Wipe	12/18/2003	15:10	12/19/2003	10:15
223220-11	108A WS-2	Wipe	12/18/2003	15:15	12/19/2003	10:15
223220-12	108A WS-3	Wipe	12/18/2003	15:15	12/19/2003	10:15
223220-13	108B WS-1	Wipe	12/18/2003	15:40	12/19/2003	10:15
223220-14	108B WS-2	Wipe	12/18/2003	15:45	12/19/2003	10:15
223220-15	112 WS-1	Wipe	12/18/2003	16:10	12/19/2003	10:15
223220-16	112 WS-2	Wipe	12/18/2003	16:15	12/19/2003	10:15
223220-17	112 WS-3	Wipe	12/18/2003	16:20	12/19/2003	10:15
223220-18	112 WS-4	Wipe	12/18/2003	16:25	12/19/2003	10:15
223220-19	112 WS-5	Wipe	12/18/2003	16:30	12/19/2003	10:15
223220-20	112 WS-6	Wipe	12/18/2003	16:35	12/19/2003	10:15
223220-21	TW-3	Water	12/18/2003	11:15	12/19/2003	10:15

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LABORATORY TEST RESULTS

Job Number: 223220 Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: TW-1
Date Sampled.....: 12/18/2003
Time Sampled.....: 10:45
Sample Matrix.....: Water

Laboratory Sample ID: 223220-1
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	ND	U		0.22	0.39	1.00000	ug/L	105922		12/27/03 0610	san
	RDX	ND	U		0.13	0.16	1.00000	ug/L	105922		12/27/03 0610	san
	1,3,5-Trinitrobenzene	ND	U		0.080	0.16	1.00000	ug/L	105922		12/27/03 0610	san
	1,3-Dinitrobenzene	ND	U		0.053	0.16	1.00000	ug/L	105922		12/27/03 0610	san
	Nitrobenzene	ND	U		0.092	0.16	1.00000	ug/L	105922		12/27/03 0610	san
	2,4,6-TNT	ND	U		0.068	0.16	1.00000	ug/L	105922		12/27/03 0610	san
	Tetryl	ND	U		0.22	0.31	1.00000	ug/L	105922		12/27/03 0610	san
	2,4-Dinitrotoluene	ND	U		0.042	0.16	1.00000	ug/L	105922		12/27/03 0610	san
	2,6-Dinitrotoluene	ND	U		0.21	0.31	1.00000	ug/L	105922		12/27/03 0610	san
	2-Amino-4,6-Dinitrotoluene	ND	U		0.082	0.31	1.00000	ug/L	105922		12/27/03 0610	san
	4-Amino-2,6-Dinitrotoluene	ND	U		0.14	0.31	1.00000	ug/L	105922		12/27/03 0610	san
	2-Nitrotoluene	ND	U		0.16	0.31	1.00000	ug/L	105922		12/27/03 0610	san
	4-Nitrotoluene	ND	U		0.34	0.78	1.00000	ug/L	105922		12/27/03 0610	san
	3-Nitrotoluene	ND	U		0.10	0.31	1.00000	ug/L	105922		12/27/03 0610	san
7470A	Mercury (CVAA)											
	Mercury	ND	U		0.000049	0.00020	1	mg/L	105386		12/22/03 1800	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	0.055	B		0.024	0.20	1	mg/L	106070		12/31/03 0603	tds
	Antimony	ND	U		0.012	0.020	1	mg/L	106070		12/31/03 0603	tds
	Arsenic	ND	U		0.0052	0.010	1	mg/L	106070		12/31/03 0603	tds
	Barium	0.24			0.0015	0.010	1	mg/L	106070		12/31/03 0603	tds
	Beryllium	ND	U		0.00017	0.0040	1	mg/L	106070		12/31/03 0603	tds
	Cadmium	ND	U		0.00044	0.0020	1	mg/L	106070		12/31/03 0603	tds
	Calcium	220			0.024	0.10	1	mg/L	106151		01/01/04 0239	lmr
	Chromium	ND	U		0.0015	0.010	1	mg/L	106070		12/31/03 0603	tds
	Cobalt	ND	U		0.0010	0.0050	1	mg/L	106070		12/31/03 0603	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: TW-1
Date Sampled.....: 12/18/2003
Time Sampled.....: 10:45
Sample Matrix.....: Water

Laboratory Sample ID: 223220-1
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Copper	0.0045	B		0.0016	0.010	1	mg/L	106070		12/31/03 0603	tds
	Iron	0.28			0.040	0.050	1	mg/L	106070		12/31/03 0603	tds
	Lead	ND	U		0.0029	0.0050	1	mg/L	106070		12/31/03 0603	tds
	Magnesium	57			0.012	0.10	1	mg/L	106151		01/01/04 0239	lmr
	Manganese	0.11			0.00071	0.010	1	mg/L	106070		12/31/03 0603	tds
	Nickel	0.0029	B		0.0019	0.010	1	mg/L	106070		12/31/03 0603	tds
	Potassium	9.4			0.11	0.50	1	mg/L	106070		12/31/03 0603	tds
	Selenium	0.0068	B		0.0050	0.010	1	mg/L	106070		12/31/03 0603	tds
	Silver	ND	U		0.0031	0.0050	1	mg/L	106070		12/31/03 0603	tds
	Sodium	630			2.5	5.0	5	mg/L	106223		01/02/04 1719	lmr
	Thallium	ND	U		0.0069	0.010	1	mg/L	106070		12/31/03 0603	tds
	Vanadium	ND	U		0.0021	0.0050	1	mg/L	106070		12/31/03 0603	tds
	Zinc	0.045			0.010	0.020	1	mg/L	106070		12/31/03 0603	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: TS-1
Date Sampled.....: 12/18/2003
Time Sampled.....: 10:45
Sample Matrix.....: Soil

Laboratory Sample ID: 223220-2
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	68.9			0.10	0.10	1	%	106320		01/05/04 2145	clb
	% Moisture, Solid	31.1			0.10	0.10	1	%	106320		01/05/04 2145	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		42	240	10.0000	ug/Kg	106261		01/03/04 0049	mgk
	Aroclor 1221, Solid*	ND	U		96	240	10.0000	ug/Kg	106261		01/03/04 0049	mgk
	Aroclor 1232, Solid*	ND	U		43	240	10.0000	ug/Kg	106261		01/03/04 0049	mgk
	Aroclor 1242, Solid*	ND	U		91	240	10.0000	ug/Kg	106261		01/03/04 0049	mgk
	Aroclor 1248, Solid*	ND	U		33	240	10.0000	ug/Kg	106261		01/03/04 0049	mgk
	Aroclor 1254, Solid*	ND	U		39	240	10.0000	ug/Kg	106261		01/03/04 0049	mgk
	Aroclor 1260, Solid*	ND	U	*	36	240	10.0000	ug/Kg	106261		01/03/04 0049	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND	U		110	250	1.00000	ug/Kg	106008		12/30/03 1035	san
	RDX, Solid	ND	U		58	100	1.00000	ug/Kg	106008		12/30/03 1035	san
	1,3,5-Trinitrobenzene, Solid	ND	U		17	100	1.00000	ug/Kg	106008		12/30/03 1035	san
	1,3-Dinitrobenzene, Solid	ND	U		18	100	1.00000	ug/Kg	106008		12/30/03 1035	san
	Nitrobenzene, Solid	ND	U		22	100	1.00000	ug/Kg	106008		12/30/03 1035	san
	2,4,6-TNT, Solid	ND	U		34	100	1.00000	ug/Kg	106008		12/30/03 1035	san
	Tetryl, Solid	ND	U		43	200	1.00000	ug/Kg	106008		12/30/03 1035	san
	2,4-Dinitrotoluene, Solid	ND	U		35	100	1.00000	ug/Kg	106008		12/30/03 1035	san
	2,6-Dinitrotoluene, Solid	ND	U		47	200	1.00000	ug/Kg	106008		12/30/03 1035	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		36	200	1.00000	ug/Kg	106008		12/30/03 1035	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		97	200	1.00000	ug/Kg	106008		12/30/03 1035	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	106008		12/30/03 1035	san
	4-Nitrotoluene, Solid	ND	U		46	500	1.00000	ug/Kg	106008		12/30/03 1035	san
	3-Nitrotoluene, Solid	ND	U		50	200	1.00000	ug/Kg	106008		12/30/03 1035	san

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: TS-1
Date Sampled.....: 12/18/2003
Time Sampled.....: 10:45
Sample Matrix.....: Soil

Laboratory Sample ID: 223220-2
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.22			0.0062	0.024	1	mg/Kg	105779		12/29/03 1642	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	4000			3.1	26	1	mg/Kg	106151		12/31/03 2314	lmr
	Antimony, Solid*	2.8			1.2	2.6	1	mg/Kg	106151		12/31/03 2314	lmr
	Arsenic, Solid*	16			0.66	1.3	1	mg/Kg	106151		12/31/03 2314	lmr
	Barium, Solid*	410			0.21	1.3	1	mg/Kg	106151		12/31/03 2314	lmr
	Beryllium, Solid*	0.36	B		0.057	0.52	1	mg/Kg	106151		12/31/03 2314	lmr
	Cadmium, Solid*	5.1			0.10	0.26	1	mg/Kg	106151		12/31/03 2314	lmr
	Calcium, Solid*	210000			40	130	10	mg/Kg	106223		01/02/04 1921	lmr
	Chromium, Solid*	75			0.29	1.3	1	mg/Kg	106151		12/31/03 2314	lmr
	Cobalt, Solid*	7.9			0.18	0.65	1	mg/Kg	106151		12/31/03 2314	lmr
	Copper, Solid*	100		H	1.2	1.3	1	mg/Kg	106151		12/31/03 2314	lmr
	Iron, Solid*	55000		H	3.9	6.5	1	mg/Kg	106151		12/31/03 2314	lmr
	Lead, Solid*	8300			5.6	6.5	10	mg/Kg	106223		01/02/04 1921	lmr
	Magnesium, Solid*	8600			2.2	13	1	mg/Kg	106151		12/31/03 2314	lmr
	Manganese, Solid*	1900			0.17	1.3	1	mg/Kg	106151		12/31/03 2314	lmr
	Nickel, Solid*	39			0.32	1.3	1	mg/Kg	106151		12/31/03 2314	lmr
	Potassium, Solid*	470		*	18	65	1	mg/Kg	106151		12/31/03 2314	lmr
	Selenium, Solid*	ND	U		0.52	1.3	1	mg/Kg	106151		12/31/03 2314	lmr
	Silver, Solid*	ND	U		0.40	0.65	1	mg/Kg	106151		12/31/03 2314	lmr
	Sodium, Solid*	930			110	130	1	mg/Kg	106151		12/31/03 2314	lmr
	Thallium, Solid*	ND	U		0.86	1.3	1	mg/Kg	106151		12/31/03 2314	lmr
	Vanadium, Solid*	17			0.27	0.65	1	mg/Kg	106347		01/03/04 1323	tds
	Zinc, Solid*	750			0.52	2.6	1	mg/Kg	106151		12/31/03 2314	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: TW-2
Date Sampled.....: 12/18/2003
Time Sampled.....: 11:20
Sample Matrix.....: Water

Laboratory Sample ID: 223220-3
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	ND	U		0.22	0.39	1.00000	ug/L	105922		12/27/03 0643	san
	RDX	ND	U		0.13	0.16	1.00000	ug/L	105922		12/27/03 0643	san
	1,3,5-Trinitrobenzene	ND	U		0.080	0.16	1.00000	ug/L	105922		12/27/03 0643	san
	1,3-Dinitrobenzene	ND	U		0.053	0.16	1.00000	ug/L	105922		12/27/03 0643	san
	Nitrobenzene	ND	U		0.092	0.16	1.00000	ug/L	105922		12/27/03 0643	san
	2,4,6-TNT	ND	U		0.068	0.16	1.00000	ug/L	105922		12/27/03 0643	san
	Tetryl	ND	U		0.22	0.31	1.00000	ug/L	105922		12/27/03 0643	san
	2,4-Dinitrotoluene	ND	U		0.042	0.16	1.00000	ug/L	105922		12/27/03 0643	san
	2,6-Dinitrotoluene	ND	U		0.21	0.31	1.00000	ug/L	105922		12/27/03 0643	san
	2-Amino-4,6-Dinitrotoluene	ND	U		0.082	0.31	1.00000	ug/L	105922		12/27/03 0643	san
	4-Amino-2,6-Dinitrotoluene	ND	U		0.14	0.31	1.00000	ug/L	105922		12/27/03 0643	san
	2-Nitrotoluene	ND	U		0.16	0.31	1.00000	ug/L	105922		12/27/03 0643	san
	4-Nitrotoluene	ND	U		0.34	0.78	1.00000	ug/L	105922		12/27/03 0643	san
	3-Nitrotoluene	ND	U		0.10	0.31	1.00000	ug/L	105922		12/27/03 0643	san
7470A	Mercury (CVAA)											
	Mercury	ND	U		0.000049	0.00020	1	mg/L	105386		12/22/03 1803	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	0.044	B		0.024	0.20	1	mg/L	106070		12/31/03 0610	tds
	Antimony	ND	U		0.012	0.020	1	mg/L	106070		12/31/03 0610	tds
	Arsenic	ND	U		0.0052	0.010	1	mg/L	106070		12/31/03 0610	tds
	Barium	0.31			0.0015	0.010	1	mg/L	106070		12/31/03 0610	tds
	Beryllium	ND	U		0.00017	0.0040	1	mg/L	106070		12/31/03 0610	tds
	Cadmium	0.00051	B		0.00044	0.0020	1	mg/L	106070		12/31/03 0610	tds
	Calcium	190			0.024	0.10	1	mg/L	106151		01/01/04 0246	lmr
	Chromium	ND	U		0.0015	0.010	1	mg/L	106070		12/31/03 0610	tds
	Cobalt	ND	U		0.0010	0.0050	1	mg/L	106070		12/31/03 0610	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: TW-2
Date Sampled.....: 12/18/2003
Time Sampled.....: 11:20
Sample Matrix.....: Water

Laboratory Sample ID: 223220-3
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Copper	0.0036	B		0.0016	0.010	1	mg/L	106070		12/31/03 0610	tds
	Iron	0.048	B		0.040	0.050	1	mg/L	106070		12/31/03 0610	tds
	Lead	ND	U		0.0029	0.0050	1	mg/L	106070		12/31/03 0610	tds
	Magnesium	47			0.012	0.10	1	mg/L	106151		01/01/04 0246	lmr
	Manganese	0.095			0.00071	0.010	1	mg/L	106070		12/31/03 0610	tds
	Nickel	0.0022	B		0.0019	0.010	1	mg/L	106070		12/31/03 0610	tds
	Potassium	7.7			0.11	0.50	1	mg/L	106070		12/31/03 0610	tds
	Selenium	0.0078	B		0.0050	0.010	1	mg/L	106070		12/31/03 0610	tds
	Silver	ND	U		0.0031	0.0050	1	mg/L	106070		12/31/03 0610	tds
	Sodium	380			0.50	1.0	1	mg/L	106151		01/01/04 0246	lmr
	Thallium	ND	U		0.0069	0.010	1	mg/L	106070		12/31/03 0610	tds
	Vanadium	ND	U		0.0021	0.0050	1	mg/L	106070		12/31/03 0610	tds
	Zinc	0.032			0.010	0.020	1	mg/L	106070		12/31/03 0610	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: TS-2
Date Sampled.....: 12/18/2003
Time Sampled.....: 11:35
Sample Matrix.....: Soil

Laboratory Sample ID: 223220-4
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	82.6			0.10	0.10	1	%	106320		01/05/04 2145	clb
	% Moisture, Solid	17.4			0.10	0.10	1	%	106320		01/05/04 2145	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		17	100	5.00000	ug/Kg	106261		01/03/04 0154	mgk
	Aroclor 1221, Solid*	ND	U		40	100	5.00000	ug/Kg	106261		01/03/04 0154	mgk
	Aroclor 1232, Solid*	ND	U		18	100	5.00000	ug/Kg	106261		01/03/04 0154	mgk
	Aroclor 1242, Solid*	ND	U		38	100	5.00000	ug/Kg	106261		01/03/04 0154	mgk
	Aroclor 1248, Solid*	ND	U		14	100	5.00000	ug/Kg	106261		01/03/04 0154	mgk
	Aroclor 1254, Solid*	ND	U		16	100	5.00000	ug/Kg	106261		01/03/04 0154	mgk
	Aroclor 1260, Solid*	ND	U	*	15	100	5.00000	ug/Kg	106261		01/03/04 0154	mgk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 102 SED-1
Date Sampled.....: 12/18/2003
Time Sampled.....: 11:45
Sample Matrix.....: Soil

Laboratory Sample ID: 223220-5
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	99.0			0.10	0.10	1	%	106320		01/05/04 2145	clb
	% Moisture, Solid	1.0			0.10	0.10	1	%	106320		01/05/04 2145	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	280	1600	10.0000	ug/Kg	106261		01/03/04 0300	mgk
	Aroclor 1221, Solid*	ND		U	660	1600	10.0000	ug/Kg	106261		01/03/04 0300	mgk
	Aroclor 1232, Solid*	ND		U	290	1600	10.0000	ug/Kg	106261		01/03/04 0300	mgk
	Aroclor 1242, Solid*	ND		U	620	1600	10.0000	ug/Kg	106261		01/03/04 0300	mgk
	Aroclor 1248, Solid*	ND		U	230	1600	10.0000	ug/Kg	106261		01/03/04 0300	mgk
	Aroclor 1254, Solid*	ND		U	260	1600	10.0000	ug/Kg	106261		01/03/04 0300	mgk
	Aroclor 1260, Solid*	ND		U	* 250	1600	10.0000	ug/Kg	106261		01/03/04 0300	mgk
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	1.0			0.043	0.17	10	mg/Kg	105779		12/29/03 1654	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	780			2.4	20	1	mg/Kg	106151		12/31/03 2321	lmr
	Antimony, Solid*	5.1			0.89	2.0	1	mg/Kg	106151		12/31/03 2321	lmr
	Arsenic, Solid*	3.7			0.51	0.99	1	mg/Kg	106151		12/31/03 2321	lmr
	Barium, Solid*	67			0.16	0.99	1	mg/Kg	106151		12/31/03 2321	lmr
	Beryllium, Solid*	0.096	B		0.044	0.40	1	mg/Kg	106151		12/31/03 2321	lmr
	Cadmium, Solid*	5.1			0.080	0.20	1	mg/Kg	106151		12/31/03 2321	lmr
	Calcium, Solid*	85000			62	200	20	mg/Kg	106151		01/01/04 0518	lmr
	Chromium, Solid*	16			0.22	0.99	1	mg/Kg	106151		12/31/03 2321	lmr
	Cobalt, Solid*	1.3			0.14	0.50	1	mg/Kg	106151		12/31/03 2321	lmr
	Copper, Solid*	170000			89	99	100	mg/Kg	106223		01/02/04 2004	lmr
	Iron, Solid*	6800		H	3.0	5.0	1	mg/Kg	106151		12/31/03 2321	lmr
	Lead, Solid*	640			0.43	0.50	1	mg/Kg	106151		12/31/03 2321	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 102 SED-1
Date Sampled.....: 12/18/2003
Time Sampled.....: 11:45
Sample Matrix.....: Soil

Laboratory Sample ID: 223220-5
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Magnesium, Solid*	1400			1.7	9.9	1	mg/Kg	106151		12/31/03 2321	lmr
	Manganese, Solid*	65			0.13	0.99	1	mg/Kg	106151		12/31/03 2321	lmr
	Nickel, Solid*	26			0.25	0.99	1	mg/Kg	106151		12/31/03 2321	lmr
	Potassium, Solid*	4200		*	14	50	1	mg/Kg	106151		12/31/03 2321	lmr
	Selenium, Solid*	5.3			0.40	0.99	1	mg/Kg	106151		12/31/03 2321	lmr
	Silver, Solid*	6.3			0.31	0.50	1	mg/Kg	106151		12/31/03 2321	lmr
	Sodium, Solid*	31000			8600	9900	100	mg/Kg	106223		01/02/04 2004	lmr
	Thallium, Solid*	ND	U		13	20	20	mg/Kg	106151		01/01/04 0518	lmr
	Vanadium, Solid*	3.4			0.21	0.50	1	mg/Kg	106347		01/03/04 1329	tds
	Zinc, Solid*	75000			40	200	100	mg/Kg	106223		01/02/04 2004	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 110WS-1
Date Sampled.....: 12/18/2003
Time Sampled.....: 14:40
Sample Matrix.....: Wipe

Laboratory Sample ID: 223220-6
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1552	mgk
	Aroclor 1221, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1552	mgk
	Aroclor 1232, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1552	mgk
	Aroclor 1242, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1552	mgk
	Aroclor 1248, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1552	mgk
	Aroclor 1254, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1552	mgk
	Aroclor 1260, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1552	mgk
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	0.59			0.020	0.020	1	mg/Wipe	106370		12/31/03 2340	lmr
	Antimony, Wipe	0.0024			0.0020	0.0020	1	mg/Wipe	106370		12/31/03 2340	lmr
	Arsenic, Wipe	0.0012			0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2340	lmr
	Barium, Wipe	0.24			0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2340	lmr
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	106370		12/31/03 2340	lmr
	Cadmium, Wipe	0.0002			0.0002	0.0002	1	mg/Wipe	106370		12/31/03 2340	lmr
	Calcium, Wipe	9.3			0.010	0.010	1	mg/Wipe	106370		12/31/03 2340	lmr
	Chromium, Wipe	0.012			0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2340	lmr
	Cobalt, Wipe	0.0009			0.0005	0.0005	1	mg/Wipe	106370		12/31/03 2340	lmr
	Copper, Wipe	0.026		H	0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2340	lmr
	Iron, Wipe	6.1		H	0.0050	0.0050	1	mg/Wipe	106370		12/31/03 2340	lmr
	Lead, Wipe	0.12			0.0005	0.0005	1	mg/Wipe	106370		12/31/03 2340	lmr
	Magnesium, Wipe	0.40			0.010	0.010	1	mg/Wipe	106370		12/31/03 2340	lmr
	Manganese, Wipe	0.038			0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2340	lmr
	Nickel, Wipe	0.0037			0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2340	lmr
	Potassium, Wipe	0.19		*	0.050	0.050	1	mg/Wipe	106370		12/31/03 2340	lmr
	Selenium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2340	lmr
	Silver, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	106370		12/31/03 2340	lmr
	Sodium, Wipe	0.55			0.10	0.10	1	mg/Wipe	106370		12/31/03 2340	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 110WS-1
Date Sampled.....: 12/18/2003
Time Sampled.....: 14:40
Sample Matrix.....: Wipe

Laboratory Sample ID: 223220-6
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Thallium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2340	lmr
	Vanadium, Wipe	0.0018			0.0005	0.0005	1	mg/Wipe	106371		01/03/04 1336	tds
	Zinc, Wipe	0.11			0.0020	0.0020	1	mg/Wipe	106370		12/31/03 2340	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220 Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 110WS-2
Date Sampled.....: 12/18/2003
Time Sampled.....: 14:40
Sample Matrix.....: Wipe

Laboratory Sample ID: 223220-7
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1657	mgk
	Aroclor 1221, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1657	mgk
	Aroclor 1232, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1657	mgk
	Aroclor 1242, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1657	mgk
	Aroclor 1248, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1657	mgk
	Aroclor 1254, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1657	mgk
	Aroclor 1260, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1657	mgk
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	5.6			0.020	0.020	1	mg/Wipe	106370		12/31/03 2346	lmr
	Antimony, Wipe	ND	U		0.0020	0.0020	1	mg/Wipe	106370		12/31/03 2346	lmr
	Arsenic, Wipe	0.0052			0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2346	lmr
	Barium, Wipe	0.31			0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2346	lmr
	Beryllium, Wipe	0.0005			0.0004	0.0004	1	mg/Wipe	106370		12/31/03 2346	lmr
	Cadmium, Wipe	0.0057			0.0002	0.0002	1	mg/Wipe	106370		12/31/03 2346	lmr
	Calcium, Wipe	29			0.010	0.010	1	mg/Wipe	106370		12/31/03 2346	lmr
	Chromium, Wipe	0.026			0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2346	lmr
	Cobalt, Wipe	0.0054			0.0005	0.0005	1	mg/Wipe	106370		12/31/03 2346	lmr
	Copper, Wipe	0.053		H	0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2346	lmr
	Iron, Wipe	11		H	0.0050	0.0050	1	mg/Wipe	106370		12/31/03 2346	lmr
	Lead, Wipe	0.45			0.0005	0.0005	1	mg/Wipe	106370		12/31/03 2346	lmr
	Magnesium, Wipe	2.5			0.010	0.010	1	mg/Wipe	106370		12/31/03 2346	lmr
	Manganese, Wipe	0.20			0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2346	lmr
	Nickel, Wipe	0.013			0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2346	lmr
	Potassium, Wipe	2.1		*	0.050	0.050	1	mg/Wipe	106370		12/31/03 2346	lmr
	Selenium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2346	lmr
	Silver, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	106370		12/31/03 2346	lmr
	Sodium, Wipe	1.2			0.10	0.10	1	mg/Wipe	106370		12/31/03 2346	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 110WS-2
Date Sampled.....: 12/18/2003
Time Sampled.....: 14:40
Sample Matrix.....: Wipe

Laboratory Sample ID: 223220-7
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Thallium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2346	lmr
	Vanadium, Wipe	0.018			0.0005	0.0005	1	mg/Wipe	106371		01/03/04 1343	tds
	Zinc, Wipe	0.88			0.0020	0.0020	1	mg/Wipe	106370		12/31/03 2346	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220 Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 110WS-3
Date Sampled.....: 12/18/2003
Time Sampled.....: 15:00
Sample Matrix.....: Wipe

Laboratory Sample ID: 223220-8
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1730	mgk
	Aroclor 1221, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1730	mgk
	Aroclor 1232, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1730	mgk
	Aroclor 1242, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1730	mgk
	Aroclor 1248, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1730	mgk
	Aroclor 1254, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1730	mgk
	Aroclor 1260, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1730	mgk
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	0.33			0.020	0.020	1	mg/Wipe	106370		12/31/03 2353	lmr
	Antimony, Wipe	0.0030			0.0020	0.0020	1	mg/Wipe	106370		12/31/03 2353	lmr
	Arsenic, Wipe	0.0031			0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2353	lmr
	Barium, Wipe	0.014			0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2353	lmr
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	106370		12/31/03 2353	lmr
	Cadmium, Wipe	0.0006			0.0002	0.0002	1	mg/Wipe	106370		12/31/03 2353	lmr
	Calcium, Wipe	5.4			0.010	0.010	1	mg/Wipe	106370		12/31/03 2353	lmr
	Chromium, Wipe	0.0043			0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2353	lmr
	Cobalt, Wipe	0.0028			0.0005	0.0005	1	mg/Wipe	106370		12/31/03 2353	lmr
	Copper, Wipe	0.012		H	0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2353	lmr
	Iron, Wipe	0.98		H	0.0050	0.0050	1	mg/Wipe	106370		12/31/03 2353	lmr
	Lead, Wipe	0.17			0.0005	0.0005	1	mg/Wipe	106370		12/31/03 2353	lmr
	Magnesium, Wipe	0.33			0.010	0.010	1	mg/Wipe	106370		12/31/03 2353	lmr
	Manganese, Wipe	0.018			0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2353	lmr
	Nickel, Wipe	0.0034			0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2353	lmr
	Potassium, Wipe	0.47		*	0.050	0.050	1	mg/Wipe	106370		12/31/03 2353	lmr
	Selenium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2353	lmr
	Silver, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	106370		12/31/03 2353	lmr
	Sodium, Wipe	1.3			0.10	0.10	1	mg/Wipe	106370		12/31/03 2353	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 110WS-3
Date Sampled.....: 12/18/2003
Time Sampled.....: 15:00
Sample Matrix.....: Wipe

Laboratory Sample ID: 223220-8
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Thallium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2353	lmr
	Vanadium, Wipe	0.0008			0.0005	0.0005	1	mg/Wipe	106371		01/03/04 1350	tds
	Zinc, Wipe	0.14			0.0020	0.0020	1	mg/Wipe	106370		12/31/03 2353	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 110WS-4
Date Sampled.....: 12/18/2003
Time Sampled.....: 15:05
Sample Matrix.....: Wipe

Laboratory Sample ID: 223220-9
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1803	mgk
	Aroclor 1221, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1803	mgk
	Aroclor 1232, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1803	mgk
	Aroclor 1242, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1803	mgk
	Aroclor 1248, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1803	mgk
	Aroclor 1254, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1803	mgk
	Aroclor 1260, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1803	mgk
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	0.23			0.020	0.020	1	mg/Wipe	106370		12/31/03 2359	lmr
	Antimony, Wipe	ND	U		0.0020	0.0020	1	mg/Wipe	106370		12/31/03 2359	lmr
	Arsenic, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2359	lmr
	Barium, Wipe	0.012			0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2359	lmr
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	106370		12/31/03 2359	lmr
	Cadmium, Wipe	ND	U		0.0002	0.0002	1	mg/Wipe	106370		12/31/03 2359	lmr
	Calcium, Wipe	2.7			0.010	0.010	1	mg/Wipe	106370		12/31/03 2359	lmr
	Chromium, Wipe	0.0020			0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2359	lmr
	Cobalt, Wipe	0.0006			0.0005	0.0005	1	mg/Wipe	106370		12/31/03 2359	lmr
	Copper, Wipe	0.0035		H	0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2359	lmr
	Iron, Wipe	0.37		H	0.0050	0.0050	1	mg/Wipe	106370		12/31/03 2359	lmr
	Lead, Wipe	0.047			0.0005	0.0005	1	mg/Wipe	106370		12/31/03 2359	lmr
	Magnesium, Wipe	0.19			0.010	0.010	1	mg/Wipe	106370		12/31/03 2359	lmr
	Manganese, Wipe	0.0074			0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2359	lmr
	Nickel, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2359	lmr
	Potassium, Wipe	0.12		*	0.050	0.050	1	mg/Wipe	106370		12/31/03 2359	lmr
	Selenium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2359	lmr
	Silver, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	106370		12/31/03 2359	lmr
	Sodium, Wipe	0.51			0.10	0.10	1	mg/Wipe	106370		12/31/03 2359	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 110WS-4
Date Sampled.....: 12/18/2003
Time Sampled.....: 15:05
Sample Matrix.....: Wipe

Laboratory Sample ID: 223220-9
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Thallium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2359	lmr
	Vanadium, Wipe	0.0006			0.0005	0.0005	1	mg/Wipe	106371		01/03/04 1356	tds
	Zinc, Wipe	0.028			0.0020	0.0020	1	mg/Wipe	106370		12/31/03 2359	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 108A WS-1
Date Sampled.....: 12/18/2003
Time Sampled.....: 15:10
Sample Matrix.....: Wipe

Laboratory Sample ID: 223220-10
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1835	mgk
	Aroclor 1221, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1835	mgk
	Aroclor 1232, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1835	mgk
	Aroclor 1242, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1835	mgk
	Aroclor 1248, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1835	mgk
	Aroclor 1254, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1835	mgk
	Aroclor 1260, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1835	mgk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220 Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 108A WS-2
Date Sampled.....: 12/18/2003
Time Sampled.....: 15:15
Sample Matrix.....: Wipe

Laboratory Sample ID: 223220-11
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1908	mgk
	Aroclor 1221, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1908	mgk
	Aroclor 1232, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1908	mgk
	Aroclor 1242, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1908	mgk
	Aroclor 1248, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1908	mgk
	Aroclor 1254, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1908	mgk
	Aroclor 1260, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1908	mgk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220 Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 108A WS-3
Date Sampled.....: 12/18/2003
Time Sampled.....: 15:15
Sample Matrix.....: Wipe

Laboratory Sample ID: 223220-12
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2014	mgk
	Aroclor 1221, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2014	mgk
	Aroclor 1232, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2014	mgk
	Aroclor 1242, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2014	mgk
	Aroclor 1248, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2014	mgk
	Aroclor 1254, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2014	mgk
	Aroclor 1260, Wipe	0.30	J		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2014	mgk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220 Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 108B WS-1
Date Sampled.....: 12/18/2003
Time Sampled.....: 15:40
Sample Matrix.....: Wipe

Laboratory Sample ID: 223220-13
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2047	mgk
	Aroclor 1221, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2047	mgk
	Aroclor 1232, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2047	mgk
	Aroclor 1242, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2047	mgk
	Aroclor 1248, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2047	mgk
	Aroclor 1254, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2047	mgk
	Aroclor 1260, Wipe	0.33	J		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2047	mgk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 108B WS-2
Date Sampled.....: 12/18/2003
Time Sampled.....: 15:45
Sample Matrix.....: Wipe

Laboratory Sample ID: 223220-14
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2119	mgk
	Aroclor 1221, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2119	mgk
	Aroclor 1232, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2119	mgk
	Aroclor 1242, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2119	mgk
	Aroclor 1248, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2119	mgk
	Aroclor 1254, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2119	mgk
	Aroclor 1260, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2119	mgk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 WS-1
Date Sampled.....: 12/18/2003
Time Sampled.....: 16:10
Sample Matrix.....: Wipe

Laboratory Sample ID: 223220-15
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2152	mgk
	Aroclor 1221, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2152	mgk
	Aroclor 1232, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2152	mgk
	Aroclor 1242, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2152	mgk
	Aroclor 1248, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2152	mgk
	Aroclor 1254, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2152	mgk
	Aroclor 1260, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2152	mgk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 WS-2
Date Sampled.....: 12/18/2003
Time Sampled.....: 16:15
Sample Matrix.....: Wipe

Laboratory Sample ID: 223220-16
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2225	mgk
	Aroclor 1221, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2225	mgk
	Aroclor 1232, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2225	mgk
	Aroclor 1242, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2225	mgk
	Aroclor 1248, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2225	mgk
	Aroclor 1254, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2225	mgk
	Aroclor 1260, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 2225	mgk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 WS-3
Date Sampled.....: 12/18/2003
Time Sampled.....: 16:20
Sample Matrix.....: Wipe

Laboratory Sample ID: 223220-17
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
6010B	Metals Analysis (ICAP Trace) Lead, Wipe	0.0017			0.0005	0.0005	1	mg/Wipe	106370		01/01/04 0005	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 WS-4
Date Sampled.....: 12/18/2003
Time Sampled.....: 16:25
Sample Matrix.....: Wipe

Laboratory Sample ID: 223220-18
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
6010B	Metals Analysis (ICAP Trace) Lead, Wipe	0.097			0.0005	0.0005	1	mg/Wipe	106370		01/01/04 0011	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 WS-5
Date Sampled.....: 12/18/2003
Time Sampled.....: 16:30
Sample Matrix.....: Wipe

Laboratory Sample ID: 223220-19
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
6010B	Metals Analysis (ICAP Trace) Lead, Wipe	0.0017			0.0005	0.0005	1	mg/Wipe	106370		01/01/04 0018	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 WS-6
Date Sampled.....: 12/18/2003
Time Sampled.....: 16:35
Sample Matrix.....: Wipe

Laboratory Sample ID: 223220-20
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
60108	Metals Analysis (ICAP Trace) Lead, Wipe	0.0012			0.0005	0.0005	1	mg/Wipe	106370		01/01/04 0024	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: TW-3
Date Sampled.....: 12/18/2003
Time Sampled.....: 11:15
Sample Matrix.....: Water

Laboratory Sample ID: 223220-21
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8330	Explosives by 8330 (HPLC)											
	HMX	ND	U		0.25	0.44	1.00000	ug/L	105922		12/27/03 0716	san
	RDX	ND	U		0.15	0.18	1.00000	ug/L	105922		12/27/03 0716	san
	1,3,5-Trinitrobenzene	ND	U		0.089	0.18	1.00000	ug/L	105922		12/27/03 0716	san
	1,3-Dinitrobenzene	ND	U		0.059	0.18	1.00000	ug/L	105922		12/27/03 0716	san
	Nitrobenzene	ND	U		0.10	0.18	1.00000	ug/L	105922		12/27/03 0716	san
	2,4,6-TNT	ND	U		0.076	0.18	1.00000	ug/L	105922		12/27/03 0716	san
	Tetryl	ND	U		0.24	0.35	1.00000	ug/L	105922		12/27/03 0716	san
	2,4-Dinitrotoluene	ND	U		0.047	0.18	1.00000	ug/L	105922		12/27/03 0716	san
	2,6-Dinitrotoluene	ND	U		0.23	0.35	1.00000	ug/L	105922		12/27/03 0716	san
	2-Amino-4,6-Dinitrotoluene	ND	U		0.092	0.35	1.00000	ug/L	105922		12/27/03 0716	san
	4-Amino-2,6-Dinitrotoluene	ND	U		0.15	0.35	1.00000	ug/L	105922		12/27/03 0716	san
	2-Nitrotoluene	ND	U		0.18	0.35	1.00000	ug/L	105922		12/27/03 0716	san
	4-Nitrotoluene	ND	U		0.38	0.87	1.00000	ug/L	105922		12/27/03 0716	san
	3-Nitrotoluene	ND	U		0.11	0.35	1.00000	ug/L	105922		12/27/03 0716	san
7470A	Mercury (CVAA)											
	Mercury	0.00025			0.000049	0.00020	1	mg/L	105386		12/22/03 1805	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum	4.2			0.024	0.20	1	mg/L	106070		12/31/03 0616	tds
	Antimony	ND	U		0.012	0.020	1	mg/L	106070		12/31/03 0616	tds
	Arsenic	ND	U		0.0052	0.010	1	mg/L	106070		12/31/03 0616	tds
	Barium	0.21			0.0015	0.010	1	mg/L	106070		12/31/03 0616	tds
	Beryllium	ND	U		0.00017	0.0040	1	mg/L	106070		12/31/03 0616	tds
	Cadmium	0.0015	B		0.00044	0.0020	1	mg/L	106070		12/31/03 0616	tds
	Calcium	150			0.024	0.10	1	mg/L	106151		01/01/04 0318	lmr
	Chromium	0.012			0.0015	0.010	1	mg/L	106070		12/31/03 0616	tds
	Cobalt	0.0063			0.0010	0.0050	1	mg/L	106070		12/31/03 0616	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: TW-3
Date Sampled.....: 12/18/2003
Time Sampled.....: 11:15
Sample Matrix.....: Water

Laboratory Sample ID: 223220-21
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Copper	0.16			0.0016	0.010	1	mg/L	106070		12/31/03 0616	tds
	Iron	12			0.040	0.050	1	mg/L	106070		12/31/03 0616	tds
	Lead	0.14			0.0029	0.0050	1	mg/L	106070		12/31/03 0616	tds
	Magnesium	21			0.012	0.10	1	mg/L	106151		01/01/04 0318	lmr
	Manganese	0.35			0.00071	0.010	1	mg/L	106070		12/31/03 0616	tds
	Nickel	0.0097	B		0.0019	0.010	1	mg/L	106070		12/31/03 0616	tds
	Potassium	9.7			0.11	0.50	1	mg/L	106070		12/31/03 0616	tds
	Selenium	0.019			0.0050	0.010	1	mg/L	106070		12/31/03 0616	tds
	Silver	0.017			0.0031	0.0050	1	mg/L	106070		12/31/03 0616	tds
	Sodium	120			0.50	1.0	1	mg/L	106151		01/01/04 0318	lmr
	Thallium	ND	U		0.0069	0.010	1	mg/L	106070		12/31/03 0616	tds
	Vanadium	0.014			0.0021	0.0050	1	mg/L	106070		12/31/03 0616	tds
	Zinc	0.37			0.010	0.020	1	mg/L	106070		12/31/03 0616	tds

* In Description = Dry Wgt.

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LABORATORY CHRONICLE

Job Number: 223220 Date: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Lab ID: 223220-1 Client ID: TW-1 Date Recvd: 12/19/2003 Sample Date: 12/18/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	105390			12/22/2003	2100	
3010A	Acid Digestion (ICAP)	1	105710			12/29/2003	0940	
EDD	Electronic Data Deliverable	1						
8330	Explosives by 8330 (HPLC)	1	105922	105390		12/27/2003	0610	1.00000
7470A	Mercury (CVAA)	1	105386	105379		12/22/2003	1800	
6010B	Metals Analysis (ICAP Trace)	1	106070	105710		12/31/2003	0603	
6010B	Metals Analysis (ICAP Trace)	1	106151	105710		01/01/2004	0239	
6010B	Metals Analysis (ICAP Trace)	1	106223	105710		01/02/2004	1719	5
7470/7471	SW846 Digestion (Hg)	1	105379			12/22/2003	1030	

Lab ID: 223220-2 Client ID: TS-1 Date Recvd: 12/19/2003 Sample Date: 12/18/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	106320			01/05/2004	2145	
8330	8330 Extraction (Explosives)	1	105510			12/26/2003	2000	
3050B	Acid Digestion: Solids (ICAP)	1	105950			12/30/2003	1700	
8330	Explosives by 8330 (HPLC)	1	106008	105510		12/30/2003	1035	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	105702			12/29/2003	1000	
7471A	Mercury (CVAA) Solids	1	105779	105773		12/29/2003	1642	
6010B	Metals Analysis (ICAP Trace)	1	106151	105950		12/31/2003	2314	
6010B	Metals Analysis (ICAP Trace)	1	106223	105950		01/02/2004	1921	10
6010B	Metals Analysis (ICAP Trace)	1	106347	105950		01/03/2004	1323	
8082	PCB Analysis	1	106261	105702		01/03/2004	0049	10.0000
7470/7471	SW846 Digestion (Hg)	1	105773			12/29/2003	1220	

Lab ID: 223220-3 Client ID: TW-2 Date Recvd: 12/19/2003 Sample Date: 12/18/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	105390			12/22/2003	2100	
3010A	Acid Digestion (ICAP)	1	105710			12/29/2003	0940	
8330	Explosives by 8330 (HPLC)	1	105922	105390		12/27/2003	0643	1.00000
7470A	Mercury (CVAA)	1	105386	105379		12/22/2003	1803	
6010B	Metals Analysis (ICAP Trace)	1	106070	105710		12/31/2003	0610	
6010B	Metals Analysis (ICAP Trace)	1	106151	105710		01/01/2004	0246	
7470/7471	SW846 Digestion (Hg)	1	105379			12/22/2003	1030	

Lab ID: 223220-4 Client ID: TS-2 Date Recvd: 12/19/2003 Sample Date: 12/18/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	106320			01/05/2004	2145	
3550B	Extraction Ultrasonic (PCBs)	1	105702			12/29/2003	1000	
8082	PCB Analysis	1	106261	105702		01/03/2004	0154	5.00000

Lab ID: 223220-5 Client ID: 102 SED-1 Date Recvd: 12/19/2003 Sample Date: 12/18/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	106320			01/05/2004	2145	
3050B	Acid Digestion: Solids (ICAP)	1	105950			12/30/2003	1700	
3550B	Extraction Ultrasonic (PCBs)	1	105702			12/29/2003	1000	
7471A	Mercury (CVAA) Solids	1	105779	105773		12/29/2003	1654	10
6010B	Metals Analysis (ICAP Trace)	1	106151	105950		12/31/2003	2321	
6010B	Metals Analysis (ICAP Trace)	1	106151	105950		01/01/2004	0518	20
6010B	Metals Analysis (ICAP Trace)	1	106223	105950		01/02/2004	2004	100
6010B	Metals Analysis (ICAP Trace)	1	106347	105950		01/03/2004	1329	
8082	PCB Analysis	1	106261	105702		01/03/2004	0300	10.0000
7470/7471	SW846 Digestion (Hg)	1	105773			12/29/2003	1220	

Lab ID: 223220-6 Client ID: 110WS-1 Date Recvd: 12/19/2003 Sample Date: 12/18/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	106369			12/30/2003	1700	

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LABORATORY CHRONICLE

Job Number: 223220 Date: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Lab ID: 223220-6 Client ID: 110WS-1 Date Recvd: 12/19/2003 Sample Date: 12/18/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
3550B	Extraction Ultrasonic (PCBs)	1	105736			12/29/2003	1215	
6010B	Metals Analysis (ICAP Trace)	1	106370	106369		12/31/2003	2340	
6010B	Metals Analysis (ICAP Trace)	1	106371	106369		01/03/2004	1336	
8082	PCB Analysis	1	106084	105736		12/30/2003	1552	1.00000

Lab ID: 223220-7 Client ID: 110WS-2 Date Recvd: 12/19/2003 Sample Date: 12/18/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	106369			12/30/2003	1700	
3550B	Extraction Ultrasonic (PCBs)	1	105736			12/29/2003	1215	
6010B	Metals Analysis (ICAP Trace)	1	106370	106369		12/31/2003	2346	
6010B	Metals Analysis (ICAP Trace)	1	106371	106369		01/03/2004	1343	
8082	PCB Analysis	1	106084	105736		12/30/2003	1657	1.00000

Lab ID: 223220-8 Client ID: 110WS-3 Date Recvd: 12/19/2003 Sample Date: 12/18/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	106369			12/30/2003	1700	
3550B	Extraction Ultrasonic (PCBs)	1	105736			12/29/2003	1215	
6010B	Metals Analysis (ICAP Trace)	1	106370	106369		12/31/2003	2353	
6010B	Metals Analysis (ICAP Trace)	1	106371	106369		01/03/2004	1350	
8082	PCB Analysis	1	106084	105736		12/30/2003	1730	1.00000

Lab ID: 223220-9 Client ID: 110WS-4 Date Recvd: 12/19/2003 Sample Date: 12/18/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	106369			12/30/2003	1700	
3550B	Extraction Ultrasonic (PCBs)	1	105736			12/29/2003	1215	
6010B	Metals Analysis (ICAP Trace)	1	106370	106369		12/31/2003	2359	
6010B	Metals Analysis (ICAP Trace)	1	106371	106369		01/03/2004	1356	
8082	PCB Analysis	1	106084	105736		12/30/2003	1803	1.00000

Lab ID: 223220-10 Client ID: 108A WS-1 Date Recvd: 12/19/2003 Sample Date: 12/18/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
3550B	Extraction Ultrasonic (PCBs)	1	105736			12/29/2003	1215	
8082	PCB Analysis	1	106084	105736		12/30/2003	1835	1.00000

Lab ID: 223220-11 Client ID: 108A WS-2 Date Recvd: 12/19/2003 Sample Date: 12/18/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
3550B	Extraction Ultrasonic (PCBs)	1	105736			12/29/2003	1215	
8082	PCB Analysis	1	106084	105736		12/30/2003	1908	1.00000

Lab ID: 223220-12 Client ID: 108A WS-3 Date Recvd: 12/19/2003 Sample Date: 12/18/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
3550B	Extraction Ultrasonic (PCBs)	1	105736			12/29/2003	1215	
8082	PCB Analysis	1	106084	105736		12/30/2003	2014	1.00000

Lab ID: 223220-13 Client ID: 108B WS-1 Date Recvd: 12/19/2003 Sample Date: 12/18/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
3550B	Extraction Ultrasonic (PCBs)	1	105736			12/29/2003	1215	
8082	PCB Analysis	1	106084	105736		12/30/2003	2047	1.00000

Lab ID: 223220-14 Client ID: 108B WS-2 Date Recvd: 12/19/2003 Sample Date: 12/18/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
3550B	Extraction Ultrasonic (PCBs)	1	105736			12/29/2003	1215	
8082	PCB Analysis	1	106084	105736		12/30/2003	2119	1.00000

Lab ID: 223220-15 Client ID: 112 WS-1 Date Recvd: 12/19/2003 Sample Date: 12/18/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
3550B	Extraction Ultrasonic (PCBs)	1	105736			12/29/2003	1215	

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LABORATORY CHRONICLE

Job Number: 223220 Date: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Lab ID: 223220-15 Client ID: 112 WS-1 Date Recvd: 12/19/2003 Sample Date: 12/18/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
8082	PCB Analysis	1	106084	105736	12/30/2003 2152	1.00000

Lab ID: 223220-16 Client ID: 112 WS-2 Date Recvd: 12/19/2003 Sample Date: 12/18/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
3550B	Extraction Ultrasonic (PCBs)	1	105736		12/29/2003 1215	
8082	PCB Analysis	1	106084	105736	12/30/2003 2225	1.00000

Lab ID: 223220-17 Client ID: 112 WS-3 Date Recvd: 12/19/2003 Sample Date: 12/18/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	106369		12/30/2003 1700	
6010B	Metals Analysis (ICAP Trace)	1	106370	106369	01/01/2004 0005	

Lab ID: 223220-18 Client ID: 112 WS-4 Date Recvd: 12/19/2003 Sample Date: 12/18/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	106369		12/30/2003 1700	
6010B	Metals Analysis (ICAP Trace)	1	106370	106369	01/01/2004 0011	

Lab ID: 223220-19 Client ID: 112 WS-5 Date Recvd: 12/19/2003 Sample Date: 12/18/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	106369		12/30/2003 1700	
6010B	Metals Analysis (ICAP Trace)	1	106370	106369	01/01/2004 0018	

Lab ID: 223220-20 Client ID: 112 WS-6 Date Recvd: 12/19/2003 Sample Date: 12/18/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	106369		12/30/2003 1700	
6010B	Metals Analysis (ICAP Trace)	1	106370	106369	01/01/2004 0024	

Lab ID: 223220-21 Client ID: TW-3 Date Recvd: 12/19/2003 Sample Date: 12/18/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
8330	8330 Extraction (Explosives)	1	105390		12/22/2003 2100	
3010A	Acid Digestion (ICAP)	1	105710		12/29/2003 0940	
8330	Explosives by 8330 (HPLC)	1	105922	105390	12/27/2003 0716	1.00000
7470A	Mercury (CVAA)	1	105386	105379	12/22/2003 1805	
6010B	Metals Analysis (ICAP Trace)	1	106070	105710	12/31/2003 0616	
6010B	Metals Analysis (ICAP Trace)	1	106151	105710	01/01/2004 0318	
7470/7471	SW846 Digestion (Hg)	1	105379		12/22/2003 1030	

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SURROGATE RECOVERIES REPORT

Job Number.: 223220 Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Method.....: PCB Analysis Test Matrix...: Solid Prep Batch..: 105702
Method Code...: 8082 Batch(s).....: 106261

Lab ID	DT	Sample ID	Date	DCB	TCX
LCS			01/03/2004	110	103
MB			01/02/2004	99	88
223220- 2		TS-1	01/03/2004	111	104
223220- 4		TS-2	01/03/2004	95	107
223220- 5		102 SED-1	01/03/2004	0 D	0 D

Test	Test Description	Limits
DCB	Decachlorobiphenyl (surr)	24 - 129
TCX	Tetrachloro-m-xylene (surr)	40 - 116

Method.....: PCB Analysis Test Matrix...: Wipe Prep Batch..: 105736
Method Code...: 8082 Batch(s).....: 106084

Lab ID	DT	Sample ID	Date	DCB	TCX
LCD			12/30/2003	90	95
LCS			12/30/2003	89	92
MB			12/30/2003	93	94
223220- 6		110WS-1	12/30/2003	53	88
223220- 7		110WS-2	12/30/2003	29*	84
223220- 8		110WS-3	12/30/2003	76	93
223220- 9		110WS-4	12/30/2003	76	94
223220- 10		108A WS-1	12/30/2003	80	98
223220- 11		108A WS-2	12/30/2003	80	96
223220- 12		108A WS-3	12/30/2003	73	94
223220- 13		108B WS-1	12/30/2003	74	98
223220- 14		108B WS-2	12/30/2003	21*	89
223220- 15		112 WS-1	12/30/2003	82	102
223220- 16		112 WS-2	12/30/2003	81	99

Test	Test Description	Limits
DCB	Decachlorobiphenyl (surr)	41 - 125
TCX	Tetrachloro-m-xylene (surr)	56 - 115

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SURROGATE RECOVERIES REPORT

Job Number.: 223220 Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Method.....: Explosives by 8330 (HPLC) Test Matrix...: Water Prep Batch..: 105390
Method Code...: 8330 Batch(s).....: 105922

Lab ID	DT	Sample ID	Date	12DNBZ
LCD			12/27/2003	104
LCS			12/27/2003	101
MB			12/27/2003	119
223220- 1		TW-1	12/27/2003	97
223220- 3		TW-2	12/27/2003	95
223220- 21		TW-3	12/27/2003	107

Test	Test Description	Limits
12DNBZ	1,2-Dinitrobenzene (surr)	70 - 147

Method.....: Explosives by 8330 (HPLC) Test Matrix...: Solid Prep Batch..: 105510
Method Code...: 8330 Batch(s).....: 106008

Lab ID	DT	Sample ID	Date	12DNBZ
LCS			12/30/2003	101
MB			12/30/2003	99
223220- 2		TS-1	12/30/2003	102
223220- 2	MS	TS-1	12/30/2003	99
223220- 2	MSD	TS-1	12/30/2003	99

Test	Test Description	Limits
12DNBZ	1,2-Dinitrobenzene (surr)	69 - 160

QUALITY CONTROL RESULTS

Job Number.: 223220

Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCD	Laboratory Control Sample Duplicate	003LWLPCBA	105736-003		12/30/2003	1519

Test Method.....: 8082
Method Description.: PCB Analysis

Equipment Code....: INST0708
Batch.....: 106084

Analyst...: mgk

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Wipe	ug/Wipe	4.303600	4.179600	5.001000	0.250000 U	86	%	67-103	
						3	R	30	
Aroclor 1260, Wipe	ug/Wipe	4.497000	4.369000	5.010000	0.250000 U	90	%	65-109	
						3	R	30	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223220 Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	003LWLPCBA	105736-002		12/30/2003	1446

Test Method.....: 8082 Equipment Code....: INST0708 Analyst...: mgk
Method Description.: PCB Analysis Batch.....: 106084

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Wipe	ug/Wipe	4.179600		5.001000	0.250000 U	84	%	67-103	
Aroclor 1260, Wipe	ug/Wipe	4.369000		5.010000	0.250000 U	87	%	65-109	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223220 Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		105736-001		12/30/2003	1414

Test Method.....: 8082 Equipment Code....: INST0708 Analyst...: mgk
Method Description.: PCB Analysis Batch.....: 106084

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Wipe	ug/Wipe	0.250000 U							
Aroclor 1221, Wipe	ug/Wipe	0.250000 U							
Aroclor 1232, Wipe	ug/Wipe	0.250000 U							
Aroclor 1242, Wipe	ug/Wipe	0.250000 U							
Aroclor 1248, Wipe	ug/Wipe	0.250000 U							
Aroclor 1254, Wipe	ug/Wipe	0.250000 U							
Aroclor 1260, Wipe	ug/Wipe	0.250000 U							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223220

Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 8082
Method Description.: PCB Analysis

Equipment Code....: INST0708
Batch.....: 106261

Analyst...: mgk

LCS	Laboratory Control Sample	003LWLPCBA	105702-002		01/03/2004	0016

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Solid	ug/Kg	161.533		166.700	2.900 U	97	%	63-106	
Aroclor 1260, Solid	ug/Kg	183.026		167.000	2.500 U	110	%	68-105	*

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223220

Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		105702-001		01/02/2004	2344

Test Method.....: 8082
Method Description.: PCB Analysis

Equipment Code....: INST0708
Batch.....: 106261

Analyst...: mgk

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Solid	ug/Kg	2.900	U						
Aroclor 1221, Solid	ug/Kg	6.700	U						
Aroclor 1232, Solid	ug/Kg	3.000	U						
Aroclor 1242, Solid	ug/Kg	6.300	U						
Aroclor 1248, Solid	ug/Kg	2.300	U						
Aroclor 1254, Solid	ug/Kg	2.700	U						
Aroclor 1260, Solid	ug/Kg	2.500	U						

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223220 Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCD	Laboratory Control Sample Duplicate	003LWLEXPB	105390-003		12/27/2003	0538

Test Method.....: 8330 Equipment Code....: INST43 Analyst...: san
Method Description.: Explosives by 8330 (HPLC) Batch.....: 105922

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
HMX	ug/L	1.705	1.646	1.567	0.263 U	109 4	%	81-125	
							R	20	
RDX	ug/L	1.778	1.737	1.567	0.155 U	113 2	%	71-124	
							R	20	
1,3,5-Trinitrobenzene	ug/L	1.597	1.543	1.567	0.093 U	102 3	%	75-117	
							R	20	
1,3-Dinitrobenzene	ug/L	1.662	1.612	1.567	0.062 U	106 3	%	74-115	
							R	20	
Nitrobenzene	ug/L	1.580	1.542	1.567	0.107 U	101 2	%	72-112	
							R	20	
2,4,6-TNT	ug/L	1.567	1.514	1.567	0.079 U	100 3	%	73-120	
							R	20	
Tetryl	ug/L	2.927	2.771	3.135	0.254 U	93 5	%	75-124	
							R	20	
2,4-Dinitrotoluene	ug/L	1.688	1.648	1.567	0.049 U	108 2	%	73-124	
							R	20	
2,6-Dinitrotoluene	ug/L	3.267	3.196	3.135	0.242 U	104 2	%	74-120	
							R	20	
2-Amino-4,6-Dinitrotoluene	ug/L	3.160	3.069	3.135	0.096 U	101 3	%	76-118	
							R	20	
4-Amino-2,6-Dinitrotoluene	ug/L	3.194	3.106	3.135	0.161 U	102 3	%	77-117	
							R	20	
2-Nitrotoluene	ug/L	2.965	2.818	3.135	0.190 U	95 5	%	71-110	
							R	20	
4-Nitrotoluene	ug/L	2.926	2.782	3.135	0.393 U	93 5	%	71-110	
							R	20	
3-Nitrotoluene	ug/L	2.893	2.821	3.135	0.119 U	92 2	%	73-113	
							R	20	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223220

Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	003LWLEXPB	105390-002		12/27/2003	0505

Test Method.....: 8330
Method Description.: Explosives by 8330 (HPLC)

Equipment Code....: INST43
Batch.....: 105922

Analyst...: san

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
HMX	ug/L	1.646		1.559	0.270 U	106	%	81-125	
RDX	ug/L	1.737		1.559	0.160 U	111	%	71-124	
1,3,5-Trinitrobenzene	ug/L	1.543		1.559	0.096 U	99	%	75-117	
1,3-Dinitrobenzene	ug/L	1.612		1.559	0.064 U	103	%	74-115	
Nitrobenzene	ug/L	1.542		1.559	0.110 U	99	%	72-112	
2,4,6-TNT	ug/L	1.514		1.559	0.082 U	97	%	73-120	
Tetryl	ug/L	2.771		3.117	0.262 U	89	%	75-124	
2,4-Dinitrotoluene	ug/L	1.648		1.559	0.050 U	106	%	73-124	
2,6-Dinitrotoluene	ug/L	3.196		3.117	0.248 U	103	%	74-120	
2-Amino-4,6-Dinitrotoluene	ug/L	3.069		3.117	0.098 U	98	%	76-118	
4-Amino-2,6-Dinitrotoluene	ug/L	3.106		3.117	0.166 U	100	%	77-117	
2-Nitrotoluene	ug/L	2.818		3.117	0.196 U	90	%	71-110	
4-Nitrotoluene	ug/L	2.782		3.117	0.404 U	89	%	71-110	
3-Nitrotoluene	ug/L	2.821		3.117	0.122 U	91	%	73-113	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223220

Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		105390-001		12/27/2003	0433

Test Method.....: 8330
Method Description.: Explosives by 8330 (HPLC)

Equipment Code....: INST43
Batch.....: 105922

Analyst...: san

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
HMX	ug/L	0.225	U						
RDX	ug/L	0.133	U						
1,3,5-Trinitrobenzene	ug/L	0.080	U						
1,3-Dinitrobenzene	ug/L	0.053	U						
Nitrobenzene	ug/L	0.092	U						
2,4,6-TNT	ug/L	0.068	U						
Tetryl	ug/L	0.218	U						
2,4-Dinitrotoluene	ug/L	0.042	U						
2,6-Dinitrotoluene	ug/L	0.207	U						
2-Amino-4,6-Dinitrotoluene	ug/L	0.082	U						
4-Amino-2,6-Dinitrotoluene	ug/L	0.138	U						
2-Nitrotoluene	ug/L	0.163	U						
4-Nitrotoluene	ug/L	0.337	U						
3-Nitrotoluene	ug/L	0.102	U						

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223220 Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	003LWLEXPB	105510-002		12/30/2003	1002

Test Method.....: 8330 Equipment Code....: INST43 Analyst...: san
Method Description.: Explosives by 8330 (HPLC) Batch.....: 106008

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
HMX, Solid	ug/Kg	1105.400		1000.000	113.000 U	111	%	84-120	
RDX, Solid	ug/Kg	1103.500		1000.000	58.600 U	110	%	81-115	
1,3,5-Trinitrobenzene, Solid	ug/Kg	1034.050		1000.000	17.500 U	103	%	77-114	
1,3-Dinitrobenzene, Solid	ug/Kg	1103.350		1000.000	17.800 U	110	%	85-112	
Nitrobenzene, Solid	ug/Kg	1092.500		1000.000	22.200 U	109	%	86-112	
2,4,6-TNT, Solid	ug/Kg	1036.750		1000.000	33.800 U	104	%	77-118	
Tetryl, Solid	ug/Kg	1113.200		2000.000	43.400 U	56	%	35-132	
2,4-Dinitrotoluene, Solid	ug/Kg	1138.700		1000.000	35.600 U	114	%	81-121	
2,6-Dinitrotoluene, Solid	ug/Kg	2203.700		2000.000	47.500 U	110	%	84-114	
2-Amino-4,6-Dinitrotoluene, Solid	ug/Kg	2066.050		2000.000	36.000 U	103	%	83-113	
4-Amino-2,6-Dinitrotoluene, Solid	ug/Kg	2540.750		2000.000	97.200 U	127	%	80-131	
2-Nitrotoluene, Solid	ug/Kg	2099.800		2000.000	33.200 U	105	%	84-114	
4-Nitrotoluene, Solid	ug/Kg	2041.700		2000.000	46.600 U	102	%	82-112	
3-Nitrotoluene, Solid	ug/Kg	2058.500		2000.000	50.000 U	103	%	84-117	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223220

Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 8330
Method Description.: Explosives by 8330 (HPLC)

Equipment Code....: INST43
Batch.....: 106008

Analyst...: san

MB	Method Blank		105510-001		12/30/2003	0930

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
HMX, Solid	ug/Kg	113.000	U						
RDX, Solid	ug/Kg	58.600	U						
1,3,5-Trinitrobenzene, Solid	ug/Kg	17.500	U						
1,3-Dinitrobenzene, Solid	ug/Kg	17.800	U						
Nitrobenzene, Solid	ug/Kg	22.200	U						
2,4,6-TNT, Solid	ug/Kg	33.800	U						
Tetryl, Solid	ug/Kg	43.400	U						
2,4-Dinitrotoluene, Solid	ug/Kg	35.600	U						
2,6-Dinitrotoluene, Solid	ug/Kg	47.500	U						
2-Amino-4,6-Dinitrotoluene, Solid	ug/Kg	36.000	U						
4-Amino-2,6-Dinitrotoluene, Solid	ug/Kg	97.200	U						
2-Nitrotoluene, Solid	ug/Kg	33.200	U						
4-Nitrotoluene, Solid	ug/Kg	46.600	U						
3-Nitrotoluene, Solid	ug/Kg	50.000	U						

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223220 Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	003LWLEXPB	223220-2		12/30/2003	1107

Test Method.....: 8330 Equipment Code....: INST43 Analyst...: san
Method Description.: Explosives by 8330 (HPLC) Batch.....: 106008

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
HMX, Solid	ug/Kg	958.775		980.400	110.785 U	98	%	84-120	
RDX, Solid	ug/Kg	1043.922		980.400	57.451 U	106	%	81-115	
1,3,5-Trinitrobenzene, Solid	ug/Kg	989.657		980.400	17.157 U	101	%	77-114	
1,3-Dinitrobenzene, Solid	ug/Kg	1045.294		980.400	17.451 U	107	%	85-112	
Nitrobenzene, Solid	ug/Kg	1018.529		980.400	21.765 U	104	%	86-112	
2,4,6-TNT, Solid	ug/Kg	995.637		980.400	33.138 U	102	%	77-118	
Tetryl, Solid	ug/Kg	1677.892		1961.000	42.549 U	86	%	35-132	
2,4-Dinitrotoluene, Solid	ug/Kg	1092.549		980.400	34.902 U	111	%	81-121	
2,6-Dinitrotoluene, Solid	ug/Kg	2142.304		1961.000	46.569 U	109	%	84-114	
2-Amino-4,6-Dinitrotoluene, Solid	ug/Kg	1966.128		1961.000	35.294 U	100	%	83-113	
4-Amino-2,6-Dinitrotoluene, Solid	ug/Kg	2060.686		1961.000	95.295 U	105	%	80-131	
2-Nitrotoluene, Solid	ug/Kg	2073.726		1961.000	32.549 U	106	%	84-114	
4-Nitrotoluene, Solid	ug/Kg	1961.716		1961.000	45.687 U	100	%	82-112	
3-Nitrotoluene, Solid	ug/Kg	1811.520		1961.000	49.020 U	92	%	84-117	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223220 Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 8330 Equipment Code....: INST43 Analyst...: san
Method Description.: Explosives by 8330 (HPLC) Batch.....: 106008

MSD	Matrix Spike Duplicate	003LWLEXPB	223220-2		12/30/2003	1943

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
HMX, Solid	ug/Kg	979.801	958.775	995.000	112.435	U	98 0	% R	84-120 30	
RDX, Solid	ug/Kg	1068.955	1043.922	995.000	58.307	U	107 1	% R	81-115 30	
1,3,5-Trinitrobenzene, Solid	ug/Kg	1002.935	989.657	995.000	17.412	U	101 0	% R	77-114 30	
1,3-Dinitrobenzene, Solid	ug/Kg	1056.965	1045.294	995.000	17.711	U	106 1	% R	85-112 30	
Nitrobenzene, Solid	ug/Kg	1035.174	1018.529	995.000	22.089	U	104 0	% R	86-112 30	
2,4,6-TNT, Solid	ug/Kg	989.502	995.637	995.000	33.631	U	99 3	% R	77-118 30	
Tetryl, Solid	ug/Kg	1648.706	1677.892	1990.000	43.183	U	83 4	% R	35-132 30	
2,4-Dinitrotoluene, Solid	ug/Kg	1101.144	1092.549	995.000	35.422	U	111 0	% R	81-121 30	
2,6-Dinitrotoluene, Solid	ug/Kg	2187.662	2142.304	1990.000	47.262	U	110 1	% R	84-114 30	
2-Amino-4,6-Dinitrotoluene, Solid	ug/Kg	1941.890	1966.128	1990.000	35.820	U	98 2	% R	83-113 30	
4-Amino-2,6-Dinitrotoluene, Solid	ug/Kg	2102.537	2060.686	1990.000	96.714	U	106 1	% R	80-131 30	
2-Nitrotoluene, Solid	ug/Kg	2011.642	2073.726	1990.000	33.034	U	101 5	% R	84-114 30	
4-Nitrotoluene, Solid	ug/Kg	2157.662	1961.716	1990.000	46.367	U	108 8	% R	82-112 30	
3-Nitrotoluene, Solid	ug/Kg	2030.647	1811.520	1990.000	49.750	U	102 10	% R	84-117 30	

 * %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223220

Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP3
Batch.....: 106070

Analyst...: tds

LCS	Laboratory Control Sample	M03LSPK002	105579-002		12/31/2003	0133

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum	mg/L	1.91137		2.00000	0.02420 U	96	%	80-120	
Antimony	mg/L	0.45769		0.50000	0.01180 U	92	%	80-120	
Arsenic	mg/L	0.08957		0.10000	0.00520 U	90	%	80-120	
Barium	mg/L	1.88346		2.00000	0.00150 U	94	%	80-120	
Beryllium	mg/L	0.04378		0.05000	0.00017 U	88	%	80-120	
Cadmium	mg/L	0.04570		0.05000	0.00044 U	91	%	80-120	
Chromium	mg/L	0.18826		0.20000	0.00150 U	94	%	80-120	
Cobalt	mg/L	0.45739		0.50000	0.00100 U	91	%	80-120	
Copper	mg/L	0.24594		0.25000	0.00177 B	98	%	80-120	
Iron	mg/L	0.91067		1.00000	0.03960 U	91	%	80-120	
Lead	mg/L	0.09569		0.10000	0.00290 U	96	%	80-120	
Manganese	mg/L	0.47535		0.50000	0.00071 U	95	%	80-120	
Nickel	mg/L	0.45839		0.50000	0.00190 U	92	%	80-120	
Potassium	mg/L	8.67292		10.00000	0.13896 B	87	%	80-120	
Selenium	mg/L	0.09295		0.10000	0.00500 U	93	%	80-120	
Silver	mg/L	0.04644		0.05000	0.00310 U	93	%	80-120	
Thallium	mg/L	0.09327		0.10000	0.00690 U	93	%	80-120	
Vanadium	mg/L	0.46342		0.50000	0.00210 U	93	%	80-120	
Zinc	mg/L	0.46328		0.50000	0.01020 U	93	%	80-120	

LCS	Laboratory Control Sample	M03LSPK002	105710-002		12/31/2003	0556

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum	mg/L	1.99722		2.00000	0.02420 U	100	%	80-120	
Antimony	mg/L	0.46331		0.50000	0.01180 U	93	%	80-120	
Arsenic	mg/L	0.09566		0.10000	0.00520 U	96	%	80-120	
Barium	mg/L	1.97783		2.00000	0.00150 U	99	%	80-120	
Beryllium	mg/L	0.04564		0.05000	0.00017 U	91	%	80-120	
Cadmium	mg/L	0.04753		0.05000	0.00044 U	95	%	80-120	
Chromium	mg/L	0.19676		0.20000	0.00150 U	98	%	80-120	
Cobalt	mg/L	0.47527		0.50000	0.00100 U	95	%	80-120	
Copper	mg/L	0.26040		0.25000	0.00160 U	104	%	80-120	
Iron	mg/L	0.92694		1.00000	0.03960 U	93	%	80-120	
Lead	mg/L	0.09800		0.10000	0.00290 U	98	%	80-120	
Manganese	mg/L	0.49587		0.50000	0.00071 U	99	%	80-120	
Nickel	mg/L	0.47439		0.50000	0.00190 U	95	%	80-120	
Potassium	mg/L	8.88947		10.00000	0.11000 U	89	%	80-120	
Selenium	mg/L	0.09559		0.10000	0.00500 U	96	%	80-120	
Silver	mg/L	0.04724		0.05000	0.00310 U	94	%	80-120	
Thallium	mg/L	0.09195		0.10000	0.00690 U	92	%	80-120	
Vanadium	mg/L	0.48487		0.50000	0.00210 U	97	%	80-120	
Zinc	mg/L	0.47772		0.50000	0.01020 U	96	%	80-120	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223220 Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 6010B Equipment Code....: ICP3 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 106070

MB	Method Blank	105579	105579-001		12/31/2003	0126

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum	mg/L	0.02420 U							
Antimony	mg/L	0.01180 U							
Arsenic	mg/L	0.00520 U							
Barium	mg/L	0.00150 U							
Beryllium	mg/L	0.00017 U							
Cadmium	mg/L	0.00044 U							
Chromium	mg/L	0.00150 U							
Cobalt	mg/L	0.00100 U							
Copper	mg/L	0.00177 B							
Iron	mg/L	0.03960 U							
Lead	mg/L	0.00290 U							
Manganese	mg/L	0.00071 U							
Nickel	mg/L	0.00190 U							
Potassium	mg/L	0.13896 B							
Selenium	mg/L	0.00500 U							
Silver	mg/L	0.00310 U							
Thallium	mg/L	0.00690 U							
Vanadium	mg/L	0.00210 U							
Zinc	mg/L	0.01020 U							

MB	Method Blank	105710	105710-001		12/31/2003	0549

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum	mg/L	0.02420 U							
Antimony	mg/L	0.01180 U							
Arsenic	mg/L	0.00520 U							
Barium	mg/L	0.00150 U							
Beryllium	mg/L	0.00017 U							
Cadmium	mg/L	0.00044 U							
Chromium	mg/L	0.00150 U							
Cobalt	mg/L	0.00100 U							
Copper	mg/L	0.00160 U							
Iron	mg/L	0.03960 U							
Lead	mg/L	0.00290 U							
Manganese	mg/L	0.00071 U							
Nickel	mg/L	0.00190 U							
Potassium	mg/L	0.11000 U							
Selenium	mg/L	0.00500 U							
Silver	mg/L	0.00310 U							
Thallium	mg/L	0.00690 U							
Vanadium	mg/L	0.00210 U							
Zinc	mg/L	0.01020 U							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223220 Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 6010B Equipment Code....: ICP4 Analyst...: lmr
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 106151

LCS	Laboratory Control Sample	M03LSPK002	105950-002		12/31/2003	2134

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	180.32		200.00	2.40 U	90	%	80-120	
Antimony, Solid	mg/Kg	42.18		50.00	0.90 U	84	%	80-120	
Arsenic, Solid	mg/Kg	8.96		10.00	0.51 U	90	%	80-120	
Barium, Solid	mg/Kg	182.04		200.00	0.16 U	91	%	80-120	
Beryllium, Solid	mg/Kg	4.44		5.00	0.04 U	89	%	80-120	
Cadmium, Solid	mg/Kg	4.38		5.00	0.08 U	88	%	80-120	
Calcium, Solid	mg/Kg	915.71		1000.00	5.49 B	92	%	80-120	
Chromium, Solid	mg/Kg	18.05		20.00	0.22 U	90	%	80-120	
Cobalt, Solid	mg/Kg	44.39		50.00	0.14 U	89	%	80-120	
Copper, Solid	mg/Kg	30.10		25.00	4.50	120	%	80-120	
Iron, Solid	mg/Kg	98.47		100.00	5.39	98	%	80-120	
Lead, Solid	mg/Kg	9.58		10.00	0.43 U	96	%	80-120	
Magnesium, Solid	mg/Kg	898.41		1000.00	1.70 U	90	%	80-120	
Manganese, Solid	mg/Kg	45.93		50.00	0.13 U	92	%	80-120	
Nickel, Solid	mg/Kg	44.58		50.00	0.25 U	89	%	80-120	
Potassium, Solid	mg/Kg	755.42		1000.00	13.80 U	76	%	80-120	
Selenium, Solid	mg/Kg	8.34		10.00	0.40 U	83	%	80-120	
Silver, Solid	mg/Kg	4.41		5.00	0.31 U	88	%	80-120	
Sodium, Solid	mg/Kg	871.76		1000.00	86.70 U	87	%	80-120	
Thallium, Solid	mg/Kg	10.61		10.00	0.66 U	106	%	80-120	
Zinc, Solid	mg/Kg	43.47		50.00	0.40 U	87	%	80-120	

LCS	Laboratory Control Sample	M03LSPK002	105710-002		01/01/2004	0233

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Calcium	mg/L	9.55726		10.00000	0.24100	96	%	80-120	
Magnesium	mg/L	9.29076		10.00000	0.01240 U	93	%	80-120	
Sodium	mg/L	9.11482		10.00000	0.49500 U	91	%	80-120	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223220 Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 6010B Equipment Code....: ICP4 Analyst...: lmr
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 106151

MB	Method Blank	105950	105950-001		12/31/2003	2128

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	2.40	U							
Antimony, Solid	mg/Kg	0.90	U							
Arsenic, Solid	mg/Kg	0.51	U							
Barium, Solid	mg/Kg	0.16	U							
Beryllium, Solid	mg/Kg	0.04	U							
Cadmium, Solid	mg/Kg	0.08	U							
Calcium, Solid	mg/Kg	5.49	B							
Chromium, Solid	mg/Kg	0.22	U							
Cobalt, Solid	mg/Kg	0.14	U							
Copper, Solid	mg/Kg	4.50								H
Iron, Solid	mg/Kg	5.39								H
Lead, Solid	mg/Kg	0.43	U							
Magnesium, Solid	mg/Kg	1.70	U							
Manganese, Solid	mg/Kg	0.13	U							
Nickel, Solid	mg/Kg	0.25	U							
Potassium, Solid	mg/Kg	13.80	U							
Selenium, Solid	mg/Kg	0.40	U							
Silver, Solid	mg/Kg	0.31	U							
Sodium, Solid	mg/Kg	86.70	U							
Thallium, Solid	mg/Kg	0.66	U							
Zinc, Solid	mg/Kg	0.40	U							

MB	Method Blank	105710	105710-001		01/01/2004	0227

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Calcium	mg/L	0.24100								H
Magnesium	mg/L	0.01240	U							
Sodium	mg/L	0.49500	U							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223220

Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	M03LSPK002	106027-002		01/02/2004	2101

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP4
Batch.....: 106223

Analyst...: lmr

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Calcium	mg/L	9.47271		10.00000		95	%	80-120	
Sodium	mg/L	9.36852		10.00000		94	%	80-120	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223220 Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank	106027	106027-001		01/02/2004	2054

Test Method.....: 6010B Equipment Code....: ICP4 Analyst...: lmr
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 106223

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Calcium	mg/L	0.17393							H
Sodium	mg/L	0.49500 U							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223220 Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 6010B Equipment Code....: ICP3 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 106347

LCS	Laboratory Control Sample	M03LSPK002	105950-002		01/03/2004	1157

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Vanadium, Solid	mg/Kg	46.63		50.00	0.21 U	93	%	80-120	

LCS	Laboratory Control Sample	M03LSPK002	106170-002		01/03/2004	1611

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Vanadium	mg/L	0.49711		0.50000	0.00210 U	99	%	80-120	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223220 Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 6010B Equipment Code....: ICP3 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 106347

MB	Method Blank	105950	105950-001		01/03/2004	1150

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Vanadium, Solid	mg/Kg	0.21 U							

MB	Method Blank	106170	106170-001		01/03/2004	1604

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Vanadium	mg/L	0.00210 U							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223220

Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	M03LSPK002	106369-002		12/31/2003	2134

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP4
Batch.....: 106370

Analyst...: lmr

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Wipe	mg/Wipe	0.18032		0.20000	0.02000 U	90	%	80-120	
Antimony, Wipe	mg/Wipe	0.04218		0.05000	0.00200 U	84	%	80-120	
Arsenic, Wipe	mg/Wipe	0.00896		0.01000	0.00100 U	90	%	80-120	
Barium, Wipe	mg/Wipe	0.18204		0.20000	0.00100 U	91	%	80-120	
Beryllium, Wipe	mg/Wipe	0.00444		0.00500	0.00040 U	89	%	80-120	
Cadmium, Wipe	mg/Wipe	0.00438		0.00500	0.00020 U	88	%	80-120	
Calcium, Wipe	mg/Wipe	0.91571		1.00000	0.01000 U	92	%	80-120	
Chromium, Wipe	mg/Wipe	0.01805		0.02000	0.00100 U	90	%	80-120	
Cobalt, Wipe	mg/Wipe	0.04439		0.05000	0.00050 U	89	%	80-120	
Copper, Wipe	mg/Wipe	0.03010		0.02500	0.00450	120	%	80-120	
Iron, Wipe	mg/Wipe	0.09847		0.10000	0.00539	98	%	80-120	
Lead, Wipe	mg/Wipe	0.00958		0.01000	0.00050 U	96	%	80-120	
Magnesium, Wipe	mg/Wipe	0.89841		1.00000	0.01000 U	90	%	80-120	
Manganese, Wipe	mg/Wipe	0.04593		0.05000	0.00100 U	92	%	80-120	
Nickel, Wipe	mg/Wipe	0.04458		0.05000	0.00100 U	89	%	80-120	
Potassium, Wipe	mg/Wipe	0.75542		1.00000	0.05000 U	76	%	80-120	
Selenium, Wipe	mg/Wipe	0.00834		0.01000	0.00100 U	83	%	80-120	
Silver, Wipe	mg/Wipe	0.00441		0.00500	0.00050 U	88	%	80-120	
Sodium, Wipe	mg/Wipe	0.87176		1.00000	0.10000 U	87	%	80-120	
Thallium, Wipe	mg/Wipe	0.01061		0.01000	0.00100 U	106	%	80-120	
Zinc, Wipe	mg/Wipe	0.04347		0.05000	0.00200 U	87	%	80-120	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223220 Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank	106369	106369-001		12/31/2003	2128

Test Method.....: 60108 Equipment Code....: ICP4 Analyst...: lmr
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 106370

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Wipe	mg/Wipe	0.02000 U							
Antimony, Wipe	mg/Wipe	0.00200 U							
Arsenic, Wipe	mg/Wipe	0.00100 U							
Barium, Wipe	mg/Wipe	0.00100 U							
Beryllium, Wipe	mg/Wipe	0.00040 U							
Cadmium, Wipe	mg/Wipe	0.00020 U							
Calcium, Wipe	mg/Wipe	0.01000 U							
Chromium, Wipe	mg/Wipe	0.00100 U							
Cobalt, Wipe	mg/Wipe	0.00050 U							
Copper, Wipe	mg/Wipe	0.00450							H
Iron, Wipe	mg/Wipe	0.00539							H
Lead, Wipe	mg/Wipe	0.00050 U							
Magnesium, Wipe	mg/Wipe	0.01000 U							
Manganese, Wipe	mg/Wipe	0.00100 U							
Nickel, Wipe	mg/Wipe	0.00100 U							
Potassium, Wipe	mg/Wipe	0.05000 U							
Selenium, Wipe	mg/Wipe	0.00100 U							
Silver, Wipe	mg/Wipe	0.00050 U							
Sodium, Wipe	mg/Wipe	0.10000 U							
Thallium, Wipe	mg/Wipe	0.00100 U							
Zinc, Wipe	mg/Wipe	0.00200 U							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223220 Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	M03LSPK002	106369-002		01/03/2004	1157

Test Method.....: 6010B Equipment Code....: ICP3 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 106371

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Vanadium, Wipe	mg/Wipe	0.04663		0.05000	0.00050 U	93	%	80-120	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223220 Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank	106369	106369-001		01/03/2004	1150

Test Method.....: 6010B Equipment Code....: ICP3 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 106371

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Vanadium, Wipe	mg/Wipe	0.00050 U							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223220 Report Date.: 01/09/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Test Method.....: Method Batch.....: 106320 Analyst...: clb
Method Description.: % Solids Determination Equipment Code....: Test Code.: %SOLID
Parameter.....: % Solids

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Time
MB	106320-001		%	0.1000 U								01/05/2004	2145

Test Method.....: 7470A Batch.....: 105386 Analyst...: gok
Method Description.: Mercury (CVAA) Equipment Code....: HG4 Test Code.: HG
Parameter.....: Mercury

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Time
MB	105378-007		mg/L	0.00005 U								12/22/2003	1531
LCS	105378-008	M02ESTK010	mg/L	0.00208		0.00200	0.00005 U	104		%	80-120	12/22/2003	1533
EB3	105386-012	122	mg/L	0.00005 U								12/22/2003	1535
MB	105379-007		mg/L	0.00005 U								12/22/2003	1701
LCS	105379-008	M02ESTK010	mg/L	0.00199		0.00200	0.00005 U	100		%	80-120	12/22/2003	1704

Test Method.....: 7471A Batch.....: 105779 Analyst...: gok
Method Description.: Mercury (CVAA) Solids Equipment Code....: HG4 Test Code.: HG
Parameter.....: Mercury

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Time
MB	105773-007		mg/Kg	0.00 U								12/29/2003	1548
LCS	105773-008	M02ESTK010	mg/Kg	0.17		0.17	0.00 U	99		%	80-120	12/29/2003	1550

 * %=% REC, R=RPD, A=ABS Diff., D=% Diff.

REPORT COMMENTS

1) All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.
2) Soil, sediment and sludge sample results are reported on a "dry weight" basis except when analyzed for landfill disposal or incineration parameters. All other solid matrix samples are reported on an "as received" basis unless noted differently.
3) Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.
4) The test results for the noted analytical method(s) meet the requirements of NELAC. Lab Cert. ID# 100201
5) According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH Field) they were not analyzed immediately, but as soon as possible on laboratory receipt.

Glossary of flags, qualifiers and abbreviations (any number of which may appear in the report)

Inorganic Qualifiers (Q-Column)

U	Analyte was not detected at or above the stated limit.
<	Not detected at or above the reporting limit.
J	Result is less than the RL, but greater than or equal to the method detection limit.
B	Result is less than the CRDL/RL, but greater than or equal to the IDL/MDL.
S	Result was determined by the Method of Standard Additions.
F	AFCEE: Result is less than the RL, but greater than or equal to the method detection limit.

Inorganic Flags (Flag Column)

'	ICV,CCV,ICB,CCB,ISA,ISB,CRI,CRA,MRL: Instrument related QC exceed the upper or lower control limits.
*	LCS, LCD, MD: Batch QC exceeds the upper or lower control limits.
+	MSA correlation coefficient is less than 0.995.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
E	SD: Serial dilution exceeds the control limits.
H	MB, EB1, EB2, EB3: Batch QC is greater than reporting limit or had a negative instrument reading lower than the absolute value of the reporting limit.
N	MS, MSD: Spike recovery exceeds the upper or lower control limits.
W	AS(GFAA) Post-digestion spike was outside 85-115% control limits.

Organic Qualifiers (Q - Column)

U	Analyte was not detected at or above the stated limit.
ND	Compound not detected.
J	Result is an estimated value below the reporting limit or a tentatively identified compound (TIC).
Q	Result was qualitatively confirmed, but not quantified.
C	Pesticide identification was confirmed by GC/MS.
Y	The chromatographic response resembles a typical fuel pattern.
Z	The chromatographic response does not resemble a typical fuel pattern.
E	Result exceeded calibration range, secondary dilution required.
F	AFCEE:Result is an estimated value below the reporting limit or a tentatively identified compound (TIC)

Organic Flags (Flags Column)

B	MB: Batch QC is greater than reporting limit.
*	LCS, LCD, ELC, ELD, CV, MS, MSD, Surrogate: Batch QC exceeds the upper or lower control limits.
'	EB1, EB2, EB3, MLE: Batch QC is greater than reporting Limit
A	Concentration exceeds the instrument calibration range
a	Concentration is below the method Reporting Limit (RL)
B	Compound was found in the blank and sample.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution will be flagged with a D.
H	Alternate peak selection upon analytical review
I	Indicates the presence of an interfence, recovery is not calculated.
M	Manually integrated compound.
P	The lower of the two values is reported when the % difference between the results of two GC columns is

greater than 25%.

Abbreviations

AS	Post Digestion Spike (GFAA Samples - See Note 1 below)
Batch	Designation given to identify a specific extraction, digestion, preparation set, or analysis set
CAP	Capillary Column CCB Continuing Calibration Blank
CCV	Continuing Calibration Verification
CF	Confirmation analysis of original
C1	Confirmation analysis of A1 or D1
C2	Confirmation analysis of A2 or D2
C3	Confirmation analysis of A3 or D3
CRA	Low Level Standard Check - GFAA; Mercury
CRI	Low Level Standard Check - ICP
CV	Calilbration Verification Standard
Dil Fac	Dilution Factor - Secondary dilution analysis
D1	Dilution 1
D2	Dilution 2
D3	Dilution 3
DLFac	Detection Limit Factor
DSH	Distilled Standard - High Level
DSL	Distilled Standard - Low Level
DSM	Distilled Standard - Medium Level
EB1	Extraction Blank 1
EB2	Extraction Blank 2
EB3	DI Blank
ELC	Method Extracted LCS
ELD	Method Extracted LCD
ICAL	Initial calibration
ICB	Initial Calibration Blank
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ISA	Interference Check Sample A - ICAP
ISB	Interference Check Sample B - ICAP
Job No.	The first six digits of the sample ID which refers to a specific client, project and sample group
	Lab ID An 8 number unique laboratory identification
LCD	Laboratory Control Standard Duplicate
LCS	Laboratory Control Standard with reagent grade water or a matrix free from the analyte of interest
MB	Method Blank or (PB) Preparation Blank
MD	Method Duplicate
MDL	Method Detection Limit
MLE	Medium Level Extraction Blank
MRL	Method Reporting Limit Standard
MSA	Method of Standard Additions
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Not Detected
PREPF	Preparation factor used by the Laboratory's Information Management System (LIMS)
PDS	Post Digestion Spike (ICAP)
RA	Re-analysis of original
A1	Re-analysis of D1
A2	Re-analysis of D2
A3	Re-analysis of D3
RD	Re-extraction of dilution
RE	Re-extraction of original
RC	Re-extraction Confirmation
RL	Reporting Limit
RPD	Relative Percent Difference of duplicate (unrounded) analyses
RRF	Relative Response Factor
RT	Retention Time

RTW	Retention Time Window Sample ID A 9 digit number unique for each sample, the first six digits are referred as the job number
SCB	Seeded Control Blank
SD	Serial Dilution (Calculated when sample concentration exceeds 50 times the MDL)
UCB	Unseeded Control Blank
SSV	Second Source Verification Standard
SLCS	Solid Laboratory Control Standard(LCS)
PHC	pH Calibration Check LCSP pH Laboratory Control Sample
LCDP	pH Laboratory Control Sample Duplicate
MDPH	pH Sample Duplicate
MDFP	Flashpoint Sample Duplicate
LCFP	Flashpoint LCS
G1	Gelex Check Standard Range 0-1
G2	Gelex Check Standard Range 1-10
G3	Gelex Check Standard Range 10-100
G4	Gelex Check Standard Range 100-1000

Note 1: The Post Spike Designation on Batch QC for GFAA is designated with an "S" added to the current abbreviation used. EX. LCS S=LCS Post Spike (GFAA); MSS=MS Post Spike (GFAA)
Note 2: The MD calculates an absolute difference (A) when the sample concentration is less than 5 times the reporting limit. The control limit is represented as +/- the RL.

SEVERN TRENT **STL**

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Report To:
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Fax: 816 941-8025
E-Mail: dbrewer@scsengineers.com

Bill To:
Contact: Sandy Weeks
Company: (Same)
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only 5 of 7

Lab Lot# 223220

Package Sealed: Yes / No
Samples Sealed: Yes / No (No circled)
Received on Ice: Yes (circled) / No
Samples Intact: Yes (circled) / No
Temperature °C of Cooler: 5.9 8.4
Within Hold Time: Yes (circled) / No
Preserv. Indicated: Yes / No / NA (circled)
pH Check OK: Yes / No / NA (circled)
Res Cl_2 Check OK: Yes / No / NA (circled)
Sample Labels and COC Agree: Yes (circled) / No / COC not present

Sampler Name: J. Dowling D. Brewer
Signature: [redacted]
Project Name: SLOP
Project Number: 02200070.19
Project Location: St. Louis, MO
Lab PM: Eric Lang
Date Required — Hard Copy: __/__/__ Fax: __/__/__

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	Explosives	Metals	PCBs	SVOCs	VOCs	Additional Analyses / Remarks
		102D SS-7 Shallow	12-17-03	11:30	S	G	X	X	X			
		102D SS-7 Deep	↓	11:30	S	G	X	X	X			
		102 SS-8		3:35	SE	G	X	X	X	X		
		102 SS-9		3:45	SE	G	X	X	X	X		
		102 SS-10		4:00	SE	G	X	X	X	X		
		102 SS-11		4:05	SE	G	X	X	X	X		
		102 S-12		4:15	SL	G		X		X	X	
		102 SS-13		4:35	SE	G		X		X		
		102 SS-14		5:00	SE	G		X		X	X	
		105 SS-1	12-18-03	8:30	SE	G	X	X	X	X		
		105E SS-1		9:45	SE	G	X	X		X	X	
		TW-1		10:45	W	G	X	X				

RELINQUISHED BY [redacted] COMPANY SCS Engineers DATE 12-18-03 TIME 6:40
RECEIVED BY [redacted] COMPANY STL DATE 12-19-03 TIME 1015
RELINQUISHED BY COMPANY DATE TIME
RECEIVED BY COMPANY DATE TIME

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous
OL = Oil
A = Air
SE = Sediment
SO = Solid
DS = Drum Solid
DL = Drum Liquid
L = Leachate
WI = Wipe
O =

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None

COMMENTS

Date Received / /
Courier: Hand Delivered ☐
Bill of Lading

SEVERN TRENT **STL**

STL Chicago
2417 Bond Street
University Park, IL 60466
Phone: 708-534-5200
Fax: 708-534-5211

Report To:
Contact: David Brewer
Company: SLS Engineers
Address: 10401 Holmes Rd Ste 400
Kansas City, MO 64131
Phone: 816-941-7510
Fax: 816-941-8025
E-Mail: DBrewer@SLSengineers.com

Bill To:
Contact: Sandy Weeks
Company: (Same)
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only 3 of 4

Lab Lot# 223220

Package Sealed: Yes / No	Samples Sealed: Yes / No
Received on Ice: Yes / No	Samples Intact: Yes / No
Temperature °C of Cooler: 2.8	
Within Hold Time: Yes / No	Preserv. Indicated: Yes / No / NA
pH Check OK: Yes / No / NA	Res Cl_2 Check OK: Yes / No / NA
Sample Labels and COC Agree: Yes / No / COC not present	

Sampler Name: J. Dooling D. Brewer
Signature: (b) (6)
Project Name: SLOP
Project Number: 022000 70.19
Project Location: St. Louis, MO
Lab PM: Dick Wright
Date Required Hard Copy: ___/___/___ Fax: ___/___/___

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	Refrg #	# / Cont.	Volume	Preserv	PLBs	Metals	Explosives	Additional Analyses / Remarks
2		TS-1	12-18-03	10:45	SE	G					X	X	X	
3		TW-2		11:20	W	G						X	X	
4		TS-2		11:35	SE	G					X			
5		102 Sed-1		11:45	SE	G					X	X		
6		110WS-1		2:40	WI	G					X	X		
7		110WS-2		2:40	WI	G					X	X		
8		110WS-3		3:00	WI	G					X	X		
9		110WS-4		3:05	WI	G					X	X		
10		108A WS-1		3:10	WI	G					X			
11		108A WS-2		3:15	WI	G					X			
12		108A WS-3		3:15	WI	G					X			
13		108B WS-1		3:40	WI	G					X			

RELINQUISHED BY	(b) (6)	COMPANY	SLS Eng.	DATE	12-18-03	TIME	6:45
RELINQUISHED BY	(b) (6)	COMPANY	STL	DATE	12-19-03	TIME	1015

Matrix Key
WW = Wastewater, W = Water, S = Soil, SL = Sludge, MS = Miscellaneous, OL = Oil, A = Air, SE = Sediment, SO = Solid, DS = Drum Solid, DL = Drum Liquid, L = Leachate, WI = Wipe, O = _____

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other _____

Preservative Key
1. HCl, Cool to 4°
2. H_2SO_4, Cool to 4°
3. HNO_3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None

COMMENTS

Date Received 12,19,03
Courier: FX Hand Delivered ☐
Bill of Lading

SEVERN TRENT **STL**

STL Chicago
2417 Bond Street
University Park, IL 60466
Phone: 708-534-5200
Fax: 708-534-5211

Report To:
Contact: David Brewer
Company: SLS Engineers
Address: 10401 Holmes Rd Ste 400
Kansas City, MO 64131
Phone: 816-941-7510
Fax: 816-941-8025
E-Mail: DBrewer@SLSengineers.com

Bill To:
Contact: Sandy Weeks
Company: (Same)
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only 4 of 4

Lab Lot# 223220

Package Sealed	Samples Sealed
Yes No	Yes No
Received on Ice	**Samples Intact**
Yes No	Yes No

Temperature °C of Cooler 0.8

Sampler Name: J. Dowling D. Brewer
Project Name: SLOP
Project Number: 022000720.19
Project Location: St. Louis, MO
Lab PM: Dick Wright
Date Required
Hard Copy: ___/___/___
Fax: ___/___/___

Within Hold Time	Preserv. Indicated
Yes No	Yes No NA
pH Check OK	**Res Cl_2 Check OK**
Yes No NA	Yes No NA

Sample Labels and COC Agree
Yes No COC not present

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	Refrg #	# / Cont.	Volume	Preserv	PLBS	Lead	Additional Analyses / Remarks
14		108B WS-2	12-18-03	3:45	WI	G					X		
15		112 WS-1		4:10	WI	G					X		
16		112 WS-2		4:15	WI	G					X		
17		112 WS-3		4:20	WI	G						X	
18		112 WS-4		4:25	WI	G						X	
19		112 WS-5		4:30	WI	G						X	
20		112 WS-6		4:35	WI	G						X	
21		TW-3	12-18-03	1115	W								

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
(b) (6)	SLS Engineers	12-18-03	6:40				
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous
OL = Oil
A = Air
SE = Sediment
SO = Solid
DS = Drum Solid
DL = Drum Liquid
L = Leachate
WI = Wipe
O = [redacted]

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None

COMMENTS

Date Received ___/___/___
Courier: Hand Delivered ☐
Bill of Lading

Note Number : 53589 JOB

Date : 12/19/2003

Author : jaj

Subject : SDR

Project Code....:

Location Code...: 57222

Job/Sales Order.: 223220 GSA - SLOP

Customer.....: SCSENGINEE SCS Engineers, Inc.

Contact Location: KANSAS MO Kansas City, MO

Contact.....: BREWER D David Brewer

Invoice.....:

Batch.....:

Note For.....:

REC'D WATER SAMPLE TW-3, NOT LISTED ON COC. LOGGED AS REC'D.

SEVERN TRENT STL

STL Chicago
2417 Bond Street
University Park, IL 60466

Tel: 708 534 5200 Fax: 708 534 5211
www.stl-inc.com

SEVERN TRENT LABORATORIES ANALYTICAL REPORT

JOB NUMBER: 223259

Prepared For:

SCS Engineers, Inc.
10401 Holmes Road
Suite 400
Kansas City, MO 64131

Project: GSA - SLOP - Investigation

Attention: David Brewer

Date: 01/28/2004

(b) (6) [redacted]

Signature

Name: Richard C. Wright

Title: Project Manager

E-Mail: rwright@stl-inc.com

1/28/04

Date

STL Chicago
2417 Bond Street
University Park, IL 60466

PHONE: (708) 534-5200
FAX..: (708) 534-5211

This Report Contains (70) Pages

Severn Trent Laboratories - Chicago
METALS CASE NARRATIVE

Client: SCS Engineers, Inc. Date Rec'd: 12/20/03
Project. GSA - SLOP
STL#: 223259

1. This narrative covers Metals analysis of samples in the above Job 223259.

   Method Refs: USEPA, SW-846

2. All analyses were performed within the required holding times.

3. All Initial and Continuing Calibration Verification (ICV/CCV's) that bracket the samples were within control limits.

4. All Initial and Continuing Calibration Blanks (ICB/CCB's) that bracket the samples were within control limits.

5. All ICP Interference (ICSA/ICSAB) check Standards were within control limits.

6. All Preparation/Method Blanks were less than the Reporting Limit except for Prep Batch 105297 Ca (13.7 mg/Kg) and 105950 (5.3 mg/Kg). The Ca and Fe concentrations in the samples were greater than ten times the MB concentration, therefore reanalysis was not required.

7. Laboratory Control Sample (LCS) recoveries were within the 80-120% control limit except for K in Prep Batch 105950 (76%). OK to report per the Project Manager.

8. Matrix QC performed on Sample 2.

   Serial dilution analysis was within control limits.

   Matrix Spike/Matrix Spike Duplicate recoveries were within the 75-125% control limits except for Sb, Pb (MS/MSD) and Ca (MSD). (Control limits are not applicable when the sample concentration exceeds the spike added concentration by a factor of 4 or more)

   Duplicate analysis was within the 20% RPD control limits for sample concentrations greater than 5X the RL or +\- the RL for sample concentrations less than 5X the RL except for Co.

(b) (6) [redacted]

Jodi L. Wojcik
Metals Unit Leader

1-6-04
Date

STL Chicago
PCB Case Narrative

SCS Engineers, Inc.
GSA – SLOP - Investigation
Job #: 223259-1 through 6
PCBs

1. STL Chicago used the following Gas Chromatographic systems for the analysis of PCBs:

ID#	INSTRUMENT	COLUMN TYPE	DETECTOR
07	Varian 3400	Rtx-5	Electron Capture
08	Varian 3400	Rtx-Clp2	Electron Capture

2. These soil and sediment samples were extracted based on SW846 method 3550. All extracts were analyzed for PCBs based on SW846 method 8082. All extracts received a sulfuric acid cleanup and a GPC cleanup in order to reduce matrix interference.

3. All required holding times were met for the extraction and analysis.

4. The method blanks were below the reporting limits for all Aroclors.

5. The surrogate compounds used for this analysis were Decachlorobiphenyl (DCB) and Tetrachloro-m-xylene (TCX). All surrogate recoveries were within statistical control limits.

6. A solution containing Aroclor 1016 and Aroclor 1260 was used for spiking.

7. All blank spike and blank spike duplicate recoveries and RPDs were within statistical control limits except blank spike associated with prep batch 105702 had Aroclor biased high with 110% recovery.

8. A matrix spike and a matrix spike duplicate were not performed on a sample from this SDG.

9. All initial and continuing (grand mean <15% difference) standard calibrations associated with these samples were in control on both columns except CCV that ran 01/03/04 at 04:38 on the primary column (Rtx-5), which had Aroclor 1260 biased high with 19.0% difference. Target compounds were not detected in samples associated with this CCV.

10. Target compounds were confirmed using a second column.

11. Samples 223259-3, 5, and 6 were given dilutions prior to GPC due to sample matrix. Sample 223259-5 was analyzed at a 1/2 dilution due to sample matrix. Reporting limits have been adjusted to reflect the necessary dilutions.

(b) (6)

Patti Gibson
Organics Section Manager

1/6/04
Date

STL Chicago
Extractable Hydrocarbon Case Narrative

SCS Engineering, Inc.
GSA – SLOP - Investigation
Job #: 223259-1
Diesel Range Organics (DRO)

1. This soil sample was extracted based on SW846 method 3541. The extracts were analyzed for DRO based on SW846 method 8015B. An HP5890 gas chromatograph equipped with a flame ionization detector and an Xti-5 column was used for the analysis.

2. All required holding times were met for the extraction and the analysis.

3. The method blank was below the reporting limit for DRO.

4. The surrogate compounds used for this analysis were o-Terphenyl and 2-Fluorobiphenyl. All surrogate recoveries were within statistical control limits.

5. The blank spike recovery was within statistical control limits. A solution of Diesel Fuel was used for spiking.

6. A matrix spike and a matrix spike duplicate were performed on this sample. The matrix spike and matrix spike duplicate recoveries were biased high with 124% recovery for both. The RPD was <30%. This could be attributed to sample matrix.

7. A Diesel Fuel #2 standard was used for quantitating of the DRO results, using a hydrocarbon range from C10 through C28. An alkane standard ranging from C8 through C36 was analyzed for qualitative purposes.

8. All initial and continuing standard calibrations associated with this sample were in control.

9. This sample had DRO detected and appears to match a typical fuel type pattern that is "heavier" than Diesel fuel.

(b) (6) [redacted]

Patti Gibson
Organics Section Manager

1/6/04
Date

STL Chicago is part of Severn Trent Laboratories, Inc.

SAMPLE INFORMATION
Date: 01/28/2004

Job Number.: 223259
Customer...: SCS Engineers, Inc.
Attn.....: David Brewer

Project Number.....: 20002601
Customer Project ID....: GSA - SLOP
Project Description....: GSA - SLOP - Investigation

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
223259-1	SB41	Soil	12/19/2003	09:20	12/20/2003	10:30
223259-2	104RRTRACK SUBGRD	Soil	12/19/2003	09:00	12/20/2003	10:30
223259-3	SI-1	Sediment	12/19/2003	09:30	12/20/2003	10:30
223259-4	SI-2	Sediment	12/19/2003	09:45	12/20/2003	10:30
223259-5	SI-3	Sediment	12/19/2003	10:00	12/20/2003	10:30
223259-6	SI-4	Sediment	12/19/2003	10:30	12/20/2003	10:30

TL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 223259

Date:01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: SB41
Date Sampled.....: 12/19/2003
Time Sampled.....: 09:20
Sample Matrix.....: Soil

Laboratory Sample ID: 223259-1
Date Received.....: 12/20/2003
Time Received.....: 10:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8015B MDRO	TPH - Diesel Range Organics (DRO)											
	Diesel Range Organics (DRO), 3541 Solid*	26			3.2	5.2	1.00000	mg/Kg	105811		12/29/03 2106	mgk
Method	% Solids Determination											
	% Solids, Solid	77.0			0.10	0.10	1	%	105417		12/23/03 1040	lmr
	% Moisture, Solid	23.0			0.10	0.10	1	%	105417		12/23/03 1040	lmr
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U		3.7	21	1.00000	ug/Kg	106328		01/03/04 0405	mgk
	Aroclor 1221, Solid*	ND		U		8.6	21	1.00000	ug/Kg	106328		01/03/04 0405	mgk
	Aroclor 1232, Solid*	ND		U		3.8	21	1.00000	ug/Kg	106328		01/03/04 0405	mgk
	Aroclor 1242, Solid*	ND		U		8.1	21	1.00000	ug/Kg	106328		01/03/04 0405	mgk
	Aroclor 1248, Solid*	ND		U		2.9	21	1.00000	ug/Kg	106328		01/03/04 0405	mgk
	Aroclor 1254, Solid*	ND		U		3.5	21	1.00000	ug/Kg	106328		01/03/04 0405	mgk
	Aroclor 1260, Solid*	ND		U	*	3.2	21	1.00000	ug/Kg	106328		01/03/04 0405	mgk
8015B MGRO	TPH - Gasoline Range Organics (GRO)											
	Gasoline Range Organics (GRO), Solid*	13		J	a	12	65	1.00000	ug/Kg	106177		01/01/04 0829	wre
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.025				0.0056	0.021	1	mg/Kg	105498		12/23/03 1406	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	11000				2.9	24	1	mg/Kg	106151		01/01/04 0138	lmr
	Antimony, Solid*	ND		U		1.1	2.4	1	mg/Kg	106151		01/01/04 0138	lmr
	Arsenic, Solid*	8.4				0.61	1.2	1	mg/Kg	106151		01/01/04 0138	lmr
	Barium, Solid*	150				0.19	1.2	1	mg/Kg	106151		01/01/04 0138	lmr
	Beryllium, Solid*	0.93				0.053	0.48	1	mg/Kg	106151		01/01/04 0138	lmr
	Cadmium, Solid*	ND		U		0.096	0.24	1	mg/Kg	106151		01/01/04 0138	lmr

* In Description = Dry Wgt.

TL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 223259

Date:01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: SB41
Date Sampled.....: 12/19/2003
Time Sampled.....: 09:20
Sample Matrix.....: Soil

Laboratory Sample ID: 223259-1
Date Received.....: 12/20/2003
Time Received.....: 10:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Calcium, Solid*	8000			3.7	12	1	mg/Kg	106151		01/01/04 0138	lmr
	Chromium, Solid*	21			0.26	1.2	1	mg/Kg	106151		01/01/04 0138	lmr
	Cobalt, Solid*	11			0.17	0.60	1	mg/Kg	106151		01/01/04 0138	lmr
	Copper, Solid*	14			1.1	1.2	1	mg/Kg	106343		01/05/04 1745	tds
	Iron, Solid*	20000		H	3.6	6.0	1	mg/Kg	106151		01/01/04 0138	lmr
	Lead, Solid*	18			0.52	0.60	1	mg/Kg	106151		01/01/04 0138	lmr
	Magnesium, Solid*	2200			2.0	12	1	mg/Kg	106151		01/01/04 0138	lmr
	Manganese, Solid*	610			0.16	1.2	1	mg/Kg	106151		01/01/04 0138	lmr
	Nickel, Solid*	17			0.30	1.2	1	mg/Kg	106151		01/01/04 0138	lmr
	Potassium, Solid*	590		*	17	60	1	mg/Kg	106151		01/01/04 0138	lmr
	Selenium, Solid*	ND	U		0.48	1.2	1	mg/Kg	106151		01/01/04 0138	lmr
	Silver, Solid*	ND	U		0.37	0.60	1	mg/Kg	106151		01/01/04 0138	lmr
	Sodium, Solid*	120	B		100	120	1	mg/Kg	106151		01/01/04 0138	lmr
	Thallium, Solid*	ND	U		0.79	1.2	1	mg/Kg	106151		01/01/04 0138	lmr
	Vanadium, Solid*	39			0.25	0.60	1	mg/Kg	106347		01/03/04 1403	tds
	Zinc, Solid*	36			0.48	2.4	1	mg/Kg	106151		01/01/04 0138	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223259

Date:01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 104RRTRACK SUBGRD
Date Sampled.....: 12/19/2003
Time Sampled.....: 09:00
Sample Matrix.....: Soil

Laboratory Sample ID: 223259-2
Date Received.....: 12/20/2003
Time Received.....: 10:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Soil*	ND	U		2.0	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Bis(2-chloroethyl)ether, Low Level Soil*	ND	U		2.5	84	1.00000	ug/Kg	105488		12/23/03 1347	glr
	1,3-Dichlorobenzene, Low Level Soil*	ND	U		99	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	1,4-Dichlorobenzene, Low Level Soil*	ND	U		89	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	1,2-Dichlorobenzene, Low Level Soil*	ND	U		99	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Benzyl alcohol, Low Level Soil*	ND	U		120	840	1.00000	ug/Kg	105488		12/23/03 1347	glr
	2-Methylphenol (o-cresol), Low Level Soil*	ND	U		10	84	1.00000	ug/Kg	105488		12/23/03 1347	glr
	2,2-oxybis (1-chloropropane), Low Level S*il	ND	U		94	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	n-Nitroso-di-n-propylamine, Low Level Soi*	ND	U		2.9	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Hexachloroethane, Low Level Soil*	ND	U		4.1	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	4-Methylphenol (m/p-cresol), Low Level So*l	ND	U		7.2	84	1.00000	ug/Kg	105488		12/23/03 1347	glr
	2-Chlorophenol, Low Level Soil*	ND	U		74	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Nitrobenzene, Low Level Soil*	ND	U		3.1	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Bis(2-chloroethoxy)methane, Low Level Soi*	ND	U		3.6	84	1.00000	ug/Kg	105488		12/23/03 1347	glr
	1,2,4-Trichlorobenzene, Low Level Soil*	ND	U		74	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Benzoic acid, Low Level Soil*	ND	U	*	120	840	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Isophorone, Low Level Soil*	ND	U		3.0	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	2,4-Dimethylphenol, Low Level Soil*	ND	U		75	410	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Hexachlorobutadiene, Low Level Soil*	ND	U		4.1	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Naphthalene, Low Level Soil*	ND	U		2.1	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	2,4-Dichlorophenol, Low Level Soil*	ND	U		60	410	1.00000	ug/Kg	105488		12/23/03 1347	glr
	4-Chloroaniline, Low Level Soil*	ND	U		120	840	1.00000	ug/Kg	105488		12/23/03 1347	glr
	2,4,6-Trichlorophenol, Low Level Soil*	ND	U		59	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	2,4,5-Trichlorophenol, Low Level Soil*	ND	U		47	410	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Hexachlorocyclopentadiene, Low Level Soil*	ND	U		67	840	1.00000	ug/Kg	105488		12/23/03 1347	glr
	2-Methylnaphthalene, Low Level Soil*	ND	U	*	1.9	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	2-Nitroaniline, Low Level Soil*	ND	U		42	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	2-Chloronaphthalene, Low Level Soil*	ND	U		60	210	1.00000	ug/Kg	105488		12/23/03 1347	glr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223259

Date:01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 104RRTRACK SUBGRD
Date Sampled.....: 12/19/2003
Time Sampled.....: 09:00
Sample Matrix.....: Soil

Laboratory Sample ID: 223259-2
Date Received.....: 12/20/2003
Time Received.....: 10:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Soil*	ND	U		47	410	1.00000	ug/Kg	105488		12/23/03 1347	glr
	2,6-Dinitrotoluene, Low Level Soil*	ND	U	*	2.7	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	2-Nitrophenol, Low Level Soil*	ND	U		79	410	1.00000	ug/Kg	105488		12/23/03 1347	glr
	3-Nitroaniline, Low Level Soil*	ND	U		140	840	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Dimethyl phthalate, Low Level Soil*	ND	U		4.5	84	1.00000	ug/Kg	105488		12/23/03 1347	glr
	2,4-Dinitrophenol, Low Level Soil*	ND	U		140	840	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Acenaphthylene, Low Level Soil*	ND	U		1.1	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	2,4-Dinitrotoluene, Low Level Soil*	ND	U		2.1	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Acenaphthene, Low Level Soil*	ND	U		1.7	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Dibenzofuran, Low Level Soil*	ND	U		3.4	84	1.00000	ug/Kg	105488		12/23/03 1347	glr
	4-Nitrophenol, Low Level Soil*	ND	U		100	840	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Fluorene, Low Level Soil*	ND	U		2.0	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	4-Nitroaniline, Low Level Soil*	ND	U		49	840	1.00000	ug/Kg	105488		12/23/03 1347	glr
	4-Bromophenyl phenyl ether, Low Level Soi*	ND	U	*	3.9	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Hexachlorobenzene, Low Level Soil*	ND	U	*	2.2	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Diethyl phthalate, Low Level Soil*	ND	U	*	4.6	84	1.00000	ug/Kg	105488		12/23/03 1347	glr
	4-Chlorophenyl phenyl ether, Low Level So*l	ND	U		4.5	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Pentachlorophenol, Low Level Soil*	ND	U		120	410	1.00000	ug/Kg	105488		12/23/03 1347	glr
	n-Nitrosodiphenylamine, Low Level Soil*	ND	U	*	3.6	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	4,6-Dinitro-2-methylphenol, Low Level Soi*	ND	U		120	840	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Phenanthrene, Low Level Soil*	9.0	J	a	1.2	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Anthracene, Low Level Soil*	ND	U		1.1	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Carbazole, Low Level Soil*	ND	U		44	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Di-n-butyl phthalate, Low Level Soil*	ND	U		25	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Benzidine, Low Level Soil*	ND	U		820	4100	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Fluoranthene, Low Level Soil*	15	J	a	1.4	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Pyrene, Low Level Soil*	15	J	a	2.5	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Butyl benzyl phthalate, Low Level Soil*	ND	U		5.1	84	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Benzo(a)anthracene, Low Level Soil*	9.1	J	a	1.4	41	1.00000	ug/Kg	105488		12/23/03 1347	glr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223259

Date:01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 104RRTRACK SUBGRD
Date Sampled.....: 12/19/2003
Time Sampled.....: 09:00
Sample Matrix.....: Soil

Laboratory Sample ID: 223259-2
Date Received.....: 12/20/2003
Time Received.....: 10:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Chrysene, Low Level Soil*	12	J	a	2.2	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	3,3-Dichlorobenzidine, Low Level Soil*	ND	U		22	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Bis(2-ethylhexyl)phthalate, Low Level Soi*	17	J	a	12	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Di-n-octyl phthalate, Low Level Soil*	ND	U		11	410	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Benzo(b)fluoranthene, Low Level Soil*	13	J	a	2.6	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Benzo(k)fluoranthene, Low Level Soil*	6.9	J	a	3.5	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Benzo(a)pyrene, Low Level Soil*	10	J	a	2.7	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Indeno(1,2,3-cd)pyrene, Low Level Soil*	26	J	a	2.6	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Dibenzo(a,h)anthracene, Low Level Soil*	33	J	a	2.7	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Benzo(ghi)perylene, Low Level Soil*	11	J	a	2.4	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
Method	% Solids Determination											
	% Solids, Solid	79.7			0.10	0.10	1	%	105402		12/22/03 2130	clb
	% Moisture, Solid	20.3			0.10	0.10	1	%	105402		12/22/03 2130	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.5	20	1.00000	ug/Kg	105486		12/23/03 1330	pjg
	Aroclor 1221, Solid*	ND	U		8.1	20	1.00000	ug/Kg	105486		12/23/03 1330	pjg
	Aroclor 1232, Solid*	ND	U		3.6	20	1.00000	ug/Kg	105486		12/23/03 1330	pjg
	Aroclor 1242, Solid*	ND	U		7.7	20	1.00000	ug/Kg	105486		12/23/03 1330	pjg
	Aroclor 1248, Solid*	ND	U		2.8	20	1.00000	ug/Kg	105486		12/23/03 1330	pjg
	Aroclor 1254, Solid*	ND	U		3.3	20	1.00000	ug/Kg	105486		12/23/03 1330	pjg
	Aroclor 1260, Solid*	ND	U		3.0	20	1.00000	ug/Kg	105486		12/23/03 1330	pjg
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.029			0.0054	0.021	1	mg/Kg	105498		12/23/03 1408	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	15000			2.9	24	1	mg/Kg	105442		12/22/03 1830	tds

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 223259

Date:01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 104RRTRACK SUBGRD
Date Sampled.....: 12/19/2003
Time Sampled.....: 09:00
Sample Matrix.....: Soil

Laboratory Sample ID: 223259-2
Date Received.....: 12/20/2003
Time Received.....: 10:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Antimony, Solid*	ND	U		1.1	2.4	1	mg/Kg	105442		12/22/03 1830	tds
	Arsenic, Solid*	8.3			0.62	1.2	1	mg/Kg	105442		12/22/03 1830	tds
	Barium, Solid*	140			0.19	1.2	1	mg/Kg	105442		12/22/03 1830	tds
	Beryllium, Solid*	0.21	B		0.053	0.48	1	mg/Kg	105442		12/22/03 1830	tds
	Cadmium, Solid*	ND	U		0.097	0.24	1	mg/Kg	105442		12/22/03 1830	tds
	Calcium, Solid*	2300			3.8	12	1	mg/Kg	105442		12/22/03 1830	tds
	Chromium, Solid*	19			0.27	1.2	1	mg/Kg	105442		12/22/03 1830	tds
	Cobalt, Solid*	11			0.17	0.61	1	mg/Kg	105442		12/22/03 1830	tds
	Copper, Solid*	15			1.1	1.2	1	mg/Kg	105442		12/22/03 1830	tds
	Iron, Solid*	20000			3.6	6.1	1	mg/Kg	105442		12/22/03 1830	tds
	Lead, Solid*	16			0.52	0.61	1	mg/Kg	105442		12/22/03 1830	tds
	Magnesium, Solid*	2900			2.1	12	1	mg/Kg	105442		12/22/03 1830	tds
	Manganese, Solid*	730			0.16	1.2	1	mg/Kg	105442		12/22/03 1830	tds
	Nickel, Solid*	17			0.30	1.2	1	mg/Kg	105442		12/22/03 1830	tds
	Potassium, Solid*	1600			17	61	1	mg/Kg	105442		12/22/03 1830	tds
	Selenium, Solid*	0.87	B		0.48	1.2	1	mg/Kg	105442		12/22/03 1830	tds
	Silver, Solid*	ND	U		0.38	0.61	1	mg/Kg	105442		12/22/03 1830	tds
	Sodium, Solid*	420			110	120	1	mg/Kg	105441		12/23/03 0638	tds
	Thallium, Solid*	ND	U		0.80	1.2	1	mg/Kg	105441		12/23/03 0638	tds
	Vanadium, Solid*	38			0.25	0.61	1	mg/Kg	105442		12/22/03 1830	tds
	Zinc, Solid*	48			0.48	2.4	1	mg/Kg	105442		12/22/03 1830	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223259

Date:01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: SI-1
Date Sampled.....: 12/19/2003
Time Sampled.....: 09:30
Sample Matrix.....: Sediment

Laboratory Sample ID: 223259-3
Date Received.....: 12/20/2003
Time Received.....: 10:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DI	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	81.8			0.10	0.10	1	%	105417		12/23/03 1040	lmr
	% Moisture, Solid	18.2			0.10	0.10	1	%	105417		12/23/03 1040	lmr
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U		6.9	40	1.00000	ug/Kg	106328		01/05/04 1345	mgk
	Aroclor 1221, Solid*	ND		U		16	40	1.00000	ug/Kg	106328		01/05/04 1345	mgk
	Aroclor 1232, Solid*	ND		U		7.2	40	1.00000	ug/Kg	106328		01/05/04 1345	mgk
	Aroclor 1242, Solid*	ND		U		15	40	1.00000	ug/Kg	106328		01/05/04 1345	mgk
	Aroclor 1248, Solid*	ND		U		5.5	40	1.00000	ug/Kg	106328		01/05/04 1345	mgk
	Aroclor 1254, Solid*	ND		U		6.5	40	1.00000	ug/Kg	106328		01/05/04 1345	mgk
	Aroclor 1260, Solid*	12		J	a*	6.0	40	1.00000	ug/Kg	106328		01/05/04 1345	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND		U		0.22	250	1.00000	ug/Kg	106221		12/30/03 1212	san
	RDX, Solid	ND		U		0.13	100	1.00000	ug/Kg	106221		12/30/03 1212	san
	1,3,5-Trinitrobenzene, Solid	ND		U		0.080	100	1.00000	ug/Kg	106221		12/30/03 1212	san
	1,3-Dinitrobenzene, Solid	ND		U		0.053	100	1.00000	ug/Kg	106221		12/30/03 1212	san
	Nitrobenzene, Solid	ND		U		0.092	100	1.00000	ug/Kg	106221		12/30/03 1212	san
	2,4,6-TNT, Solid	ND		U		0.068	100	1.00000	ug/Kg	106221		12/30/03 1212	san
	Tetryl, Solid	ND		U		0.22	200	1.00000	ug/Kg	106221		12/30/03 1212	san
	2,4-Dinitrotoluene, Solid	ND		U		0.042	100	1.00000	ug/Kg	106221		12/30/03 1212	san
	2,6-Dinitrotoluene, Solid	ND		U		0.21	200	1.00000	ug/Kg	106221		12/30/03 1212	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND		U		0.082	200	1.00000	ug/Kg	106221		12/30/03 1212	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND		U		0.14	200	1.00000	ug/Kg	106221		12/30/03 1212	san
	2-Nitrotoluene, Solid	ND		U		0.16	200	1.00000	ug/Kg	106221		12/30/03 1212	san
	4-Nitrotoluene, Solid	ND		U		0.34	500	1.00000	ug/Kg	106221		12/30/03 1212	san
	3-Nitrotoluene, Solid	ND		U		0.10	200	1.00000	ug/Kg	106221		12/30/03 1212	san

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 223259

Date:01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: SI-1
Date Sampled.....: 12/19/2003
Time Sampled.....: 09:30
Sample Matrix.....: Sediment

Laboratory Sample ID: 223259-3
Date Received.....: 12/20/2003
Time Received.....: 10:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	ND	U		0.0053	0.020	1	mg/Kg	105498		12/23/03 1414	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	1100			2.6	22	1	mg/Kg	106151		01/01/04 0145	lmr
	Antimony, Solid*	ND	U		0.98	2.2	1	mg/Kg	106151		01/01/04 0145	lmr
	Arsenic, Solid*	1.6			0.56	1.1	1	mg/Kg	106151		01/01/04 0145	lmr
	Barium, Solid*	45			0.17	1.1	1	mg/Kg	106151		01/01/04 0145	lmr
	Beryllium, Solid*	0.20	B		0.048	0.44	1	mg/Kg	106151		01/01/04 0145	lmr
	Cadmium, Solid*	0.51			0.087	0.22	1	mg/Kg	106151		01/01/04 0145	lmr
	Calcium, Solid*	100000			34	110	10	mg/Kg	106223		01/02/04 2010	lmr
	Chromium, Solid*	40			0.24	1.1	1	mg/Kg	106151		01/01/04 0145	lmr
	Cobalt, Solid*	2.4			0.15	0.55	1	mg/Kg	106151		01/01/04 0145	lmr
	Copper, Solid*	4.5			0.73	0.81	1	mg/Kg	106343		01/05/04 1751	tds
	Iron, Solid*	5000		H	3.3	5.5	1	mg/Kg	106151		01/01/04 0145	lmr
	Lead, Solid*	120			0.47	0.55	1	mg/Kg	106151		01/01/04 0145	lmr
	Magnesium, Solid*	4500			1.9	11	1	mg/Kg	106151		01/01/04 0145	lmr
	Manganese, Solid*	130			0.14	1.1	1	mg/Kg	106151		01/01/04 0145	lmr
	Nickel, Solid*	8.8			0.27	1.1	1	mg/Kg	106151		01/01/04 0145	lmr
	Potassium, Solid*	240		*	15	55	1	mg/Kg	106151		01/01/04 0145	lmr
	Selenium, Solid*	ND	U		0.44	1.1	1	mg/Kg	106151		01/01/04 0145	lmr
	Silver, Solid*	ND	U		0.34	0.55	1	mg/Kg	106151		01/01/04 0145	lmr
	Sodium, Solid*	330			95	110	1	mg/Kg	106151		01/01/04 0145	lmr
	Thallium, Solid*	ND	U		0.72	1.1	1	mg/Kg	106151		01/01/04 0145	lmr
	Vanadium, Solid*	18			0.23	0.55	1	mg/Kg	106347		01/03/04 1410	tds
	Zinc, Solid*	74			0.44	2.2	1	mg/Kg	106151		01/01/04 0145	lmr

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 223259

Date:01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: SI-2
Date Sampled.....: 12/19/2003
Time Sampled.....: 09:45
Sample Matrix.....: Sediment

Laboratory Sample ID: 223259-4
Date Received.....: 12/20/2003
Time Received.....: 10:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	58.2			0.10	0.10	1	%	105417		12/23/03 1040	lmr
	% Moisture, Solid	41.8			0.10	0.10	1	%	105417		12/23/03 1040	lmr
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	4.9	28	1.00000	ug/Kg	106328		01/05/04 1450	mgk
	Aroclor 1221, Solid*	ND		U	11	28	1.00000	ug/Kg	106328		01/05/04 1450	mgk
	Aroclor 1232, Solid*	ND		U	5.0	28	1.00000	ug/Kg	106328		01/05/04 1450	mgk
	Aroclor 1242, Solid*	ND		U	11	28	1.00000	ug/Kg	106328		01/05/04 1450	mgk
	Aroclor 1248, Solid*	ND		U	3.9	28	1.00000	ug/Kg	106328		01/05/04 1450	mgk
	Aroclor 1254, Solid*	ND		U	4.5	28	1.00000	ug/Kg	106328		01/05/04 1450	mgk
	Aroclor 1260, Solid*	ND		U	* 4.2	28	1.00000	ug/Kg	106328		01/05/04 1450	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND		U	0.22	250	1.00000	ug/Kg	106221		12/31/03 0057	san
	RDX, Solid	ND		U	0.13	98	1.00000	ug/Kg	106221		12/31/03 0057	san
	1,3,5-Trinitrobenzene, Solid	ND		U	0.078	98	1.00000	ug/Kg	106221		12/31/03 0057	san
	1,3-Dinitrobenzene, Solid	ND		U	0.052	98	1.00000	ug/Kg	106221		12/31/03 0057	san
	Nitrobenzene, Solid	ND		U	0.090	98	1.00000	ug/Kg	106221		12/31/03 0057	san
	2,4,6-TNT, Solid	ND		U	0.067	98	1.00000	ug/Kg	106221		12/31/03 0057	san
	Tetryl, Solid	ND		U	0.21	200	1.00000	ug/Kg	106221		12/31/03 0057	san
	2,4-Dinitrotoluene, Solid	ND		U	0.041	98	1.00000	ug/Kg	106221		12/31/03 0057	san
	2,6-Dinitrotoluene, Solid	ND		U	0.20	200	1.00000	ug/Kg	106221		12/31/03 0057	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND		U	0.080	200	1.00000	ug/Kg	106221		12/31/03 0057	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND		U	0.14	200	1.00000	ug/Kg	106221		12/31/03 0057	san
	2-Nitrotoluene, Solid	ND		U	0.16	200	1.00000	ug/Kg	106221		12/31/03 0057	san
	4-Nitrotoluene, Solid	ND		U	0.33	490	1.00000	ug/Kg	106221		12/31/03 0057	san
	3-Nitrotoluene, Solid	ND		U	0.10	200	1.00000	ug/Kg	106221		12/31/03 0057	san

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 223259

Date:01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: SI-2
Date Sampled.....: 12/19/2003
Time Sampled.....: 09:45
Sample Matrix.....: Sediment

Laboratory Sample ID: 223259-4
Date Received.....: 12/20/2003
Time Received.....: 10:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.019	B		0.0074	0.028	1	mg/Kg	105498		12/23/03 1416	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	3000			3.8	31	1	mg/Kg	106151		01/01/04 0151	lmr
	Antimony, Solid*	ND	U		1.4	3.1	1	mg/Kg	106151		01/01/04 0151	lmr
	Arsenic, Solid*	3.8			0.80	1.6	1	mg/Kg	106151		01/01/04 0151	lmr
	Barium, Solid*	93			0.25	1.6	1	mg/Kg	106151		01/01/04 0151	lmr
	Beryllium, Solid*	0.43	B		0.069	0.63	1	mg/Kg	106151		01/01/04 0151	lmr
	Cadmium, Solid*	0.19	B		0.13	0.31	1	mg/Kg	106151		01/01/04 0151	lmr
	Calcium, Solid*	79000			4.9	16	1	mg/Kg	106151		01/01/04 0151	lmr
	Chromium, Solid*	23			0.35	1.6	1	mg/Kg	106151		01/01/04 0151	lmr
	Cobalt, Solid*	4.1			0.22	0.79	1	mg/Kg	106151		01/01/04 0151	lmr
	Copper, Solid*	23			1.2	1.4	1	mg/Kg	106343		01/05/04 1757	tds
	Iron, Solid*	10000		H	4.7	7.9	1	mg/Kg	106151		01/01/04 0151	lmr
	Lead, Solid*	610			0.68	0.79	1	mg/Kg	106151		01/01/04 0151	lmr
	Magnesium, Solid*	5600			2.7	16	1	mg/Kg	106151		01/01/04 0151	lmr
	Manganese, Solid*	250			0.20	1.6	1	mg/Kg	106151		01/01/04 0151	lmr
	Nickel, Solid*	9.4			0.39	1.6	1	mg/Kg	106151		01/01/04 0151	lmr
	Potassium, Solid*	400		*	22	79	1	mg/Kg	106151		01/01/04 0151	lmr
	Selenium, Solid*	ND	U		0.63	1.6	1	mg/Kg	106151		01/01/04 0151	lmr
	Silver, Solid*	ND	U		0.49	0.79	1	mg/Kg	106151		01/01/04 0151	lmr
	Sodium, Solid*	470			140	160	1	mg/Kg	106151		01/01/04 0151	lmr
	Thallium, Solid*	ND	U		1.0	1.6	1	mg/Kg	106151		01/01/04 0151	lmr
	Vanadium, Solid*	19			0.33	0.79	1	mg/Kg	106347		01/03/04 1416	tds
	Zinc, Solid*	150			0.63	3.1	1	mg/Kg	106151		01/01/04 0151	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223259

Date:01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: SI-3
Date Sampled.....: 12/19/2003
Time Sampled.....: 10:00
Sample Matrix.....: Sediment

Laboratory Sample ID: 223259-5
Date Received.....: 12/20/2003
Time Received.....: 10:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	80.9			0.10	0.10	1	%	105417		12/23/03 1040	lmr
	% Moisture, Solid	19.1			0.10	0.10	1	%	105417		12/23/03 1040	lmr
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	35	200	2.00000	ug/Kg	106328		01/05/04 1555	mgk
	Aroclor 1221, Solid*	ND		U	81	200	2.00000	ug/Kg	106328		01/05/04 1555	mgk
	Aroclor 1232, Solid*	ND		U	36	200	2.00000	ug/Kg	106328		01/05/04 1555	mgk
	Aroclor 1242, Solid*	ND		U	76	200	2.00000	ug/Kg	106328		01/05/04 1555	mgk
	Aroclor 1248, Solid*	ND		U	28	200	2.00000	ug/Kg	106328		01/05/04 1555	mgk
	Aroclor 1254, Solid*	ND		U	33	200	2.00000	ug/Kg	106328		01/05/04 1555	mgk
	Aroclor 1260, Solid*	ND		U	* 30	200	2.00000	ug/Kg	106328		01/05/04 1555	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND		U	0.22	250	1.00000	ug/Kg	106221		12/31/03 0307	san
	RDX, Solid	ND		U	0.13	99	1.00000	ug/Kg	106221		12/31/03 0307	san
	1,3,5-Trinitrobenzene, Solid	ND		U	0.079	99	1.00000	ug/Kg	106221		12/31/03 0307	san
	1,3-Dinitrobenzene, Solid	ND		U	0.052	99	1.00000	ug/Kg	106221		12/31/03 0307	san
	Nitrobenzene, Solid	ND		U	0.091	99	1.00000	ug/Kg	106221		12/31/03 0307	san
	2,4,6-TNT, Solid	ND		U	0.067	99	1.00000	ug/Kg	106221		12/31/03 0307	san
	Tetryl, Solid	ND		U	0.22	200	1.00000	ug/Kg	106221		12/31/03 0307	san
	2,4-Dinitrotoluene, Solid	ND		U	0.042	99	1.00000	ug/Kg	106221		12/31/03 0307	san
	2,6-Dinitrotoluene, Solid	ND		U	0.20	200	1.00000	ug/Kg	106221		12/31/03 0307	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND		U	0.081	200	1.00000	ug/Kg	106221		12/31/03 0307	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND		U	0.14	200	1.00000	ug/Kg	106221		12/31/03 0307	san
	2-Nitrotoluene, Solid	ND		U	0.16	200	1.00000	ug/Kg	106221		12/31/03 0307	san
	4-Nitrotoluene, Solid	ND		U	0.33	500	1.00000	ug/Kg	106221		12/31/03 0307	san
	3-Nitrotoluene, Solid	ND		U	0.10	200	1.00000	ug/Kg	106221		12/31/03 0307	san

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223259

Date:01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: SI-3
Date Sampled.....: 12/19/2003
Time Sampled.....: 10:00
Sample Matrix.....: Sediment

Laboratory Sample ID: 223259-5
Date Received.....: 12/20/2003
Time Received.....: 10:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	ND	U		0.0053	0.020	1	mg/Kg	105498		12/23/03 1418	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	1500			2.7	22	1	mg/Kg	106151		01/01/04 0157	lmr
	Antimony, Solid*	ND	U		1.0	2.2	1	mg/Kg	106151		01/01/04 0157	lmr
	Arsenic, Solid*	2.2			0.57	1.1	1	mg/Kg	106151		01/01/04 0157	lmr
	Barium, Solid*	22			0.18	1.1	1	mg/Kg	106151		01/01/04 0157	lmr
	Beryllium, Solid*	0.10	B		0.049	0.45	1	mg/Kg	106151		01/01/04 0157	lmr
	Cadmium, Solid*	0.18	B		0.090	0.22	1	mg/Kg	106151		01/01/04 0157	lmr
	Calcium, Solid*	190000			35	110	10	mg/Kg	106223		01/02/04 2016	lmr
	Chromium, Solid*	5.3			0.25	1.1	1	mg/Kg	106151		01/01/04 0157	lmr
	Cobalt, Solid*	1.4			0.16	0.56	1	mg/Kg	106151		01/01/04 0157	lmr
	Copper, Solid*	5.8			0.76	0.84	1	mg/Kg	106343		01/05/04 1803	tds
	Iron, Solid*	2700		H	3.4	5.6	1	mg/Kg	106151		01/01/04 0157	lmr
	Lead, Solid*	14			0.48	0.56	1	mg/Kg	106151		01/01/04 0157	lmr
	Magnesium, Solid*	5700			1.9	11	1	mg/Kg	106151		01/01/04 0157	lmr
	Manganese, Solid*	110			0.15	1.1	1	mg/Kg	106151		01/01/04 0157	lmr
	Nickel, Solid*	6.0			0.28	1.1	1	mg/Kg	106151		01/01/04 0157	lmr
	Potassium, Solid*	460		*	15	56	1	mg/Kg	106151		01/01/04 0157	lmr
	Selenium, Solid*	0.50	B		0.45	1.1	1	mg/Kg	106151		01/01/04 0157	lmr
	Silver, Solid*	ND	U		0.35	0.56	1	mg/Kg	106151		01/01/04 0157	lmr
	Sodium, Solid*	790			97	110	1	mg/Kg	106151		01/01/04 0157	lmr
	Thallium, Solid*	ND	U		0.74	1.1	1	mg/Kg	106151		01/01/04 0157	lmr
	Vanadium, Solid*	7.8			0.24	0.56	1	mg/Kg	106347		01/03/04 1446	tds
	Zinc, Solid*	17			0.45	2.2	1	mg/Kg	106151		01/01/04 0157	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223259

Date:01/28/2004

CUSTOMER: SCS Engineers, Inc: PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: SI-4
Date Sampled.....: 12/19/2003
Time Sampled.....: 10:30
Sample Matrix.....: Sediment

Laboratory Sample ID: 223259-6
Date Received.....: 12/20/2003
Time Received.....: 10:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	60.6			0.10	0.10	1	%	105417		12/23/03 1040	lmr
	% Moisture, Solid	39.4			0.10	0.10	1	%	105417		12/23/03 1040	lmr
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U		9.5	54	1.00000	ug/Kg	106328		01/05/04 1701	mgk
	Aroclor 1221, Solid*	ND		U		22	54	1.00000	ug/Kg	106328		01/05/04 1701	mgk
	Aroclor 1232, Solid*	ND		U		9.8	54	1.00000	ug/Kg	106328		01/05/04 1701	mgk
	Aroclor 1242, Solid*	ND		U		21	54	1.00000	ug/Kg	106328		01/05/04 1701	mgk
	Aroclor 1248, Solid*	ND		U		7.5	54	1.00000	ug/Kg	106328		01/05/04 1701	mgk
	Aroclor 1254, Solid*	ND		U		8.8	54	1.00000	ug/Kg	106328		01/05/04 1701	mgk
	Aroclor 1260, Solid*	ND		U	*	8.2	54	1.00000	ug/Kg	106328		01/05/04 1701	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND		U		0.22	250	1.00000	ug/Kg	106221		12/31/03 0444	san
	RDX, Solid	ND		U		0.13	98	1.00000	ug/Kg	106221		12/31/03 0444	san
	1,3,5-Trinitrobenzene, Solid	ND		U		0.078	98	1.00000	ug/Kg	106221		12/31/03 0444	san
	1,3-Dinitrobenzene, Solid	ND		U		0.052	98	1.00000	ug/Kg	106221		12/31/03 0444	san
	Nitrobenzene, Solid	ND		U		0.090	98	1.00000	ug/Kg	106221		12/31/03 0444	san
	2,4,6-TNT, Solid	ND		U		0.067	98	1.00000	ug/Kg	106221		12/31/03 0444	san
	Tetryl, Solid	ND		U		0.21	200	1.00000	ug/Kg	106221		12/31/03 0444	san
	2,4-Dinitrotoluene, Solid	ND		U		0.041	98	1.00000	ug/Kg	106221		12/31/03 0444	san
	2,6-Dinitrotoluene, Solid	ND		U		0.20	200	1.00000	ug/Kg	106221		12/31/03 0444	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND		U		0.080	200	1.00000	ug/Kg	106221		12/31/03 0444	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND		U		0.14	200	1.00000	ug/Kg	106221		12/31/03 0444	san
	2-Nitrotoluene, Solid	ND		U		0.16	200	1.00000	ug/Kg	106221		12/31/03 0444	san
	4-Nitrotoluene, Solid	ND		U		0.33	490	1.00000	ug/Kg	106221		12/31/03 0444	san
	3-Nitrotoluene, Solid	ND		U		0.10	200	1.00000	ug/Kg	106221		12/31/03 0444	san

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223259

Date:01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: SI-4
Date Sampled.....: 12/19/2003
Time Sampled.....: 10:30
Sample Matrix.....: Sediment

Laboratory Sample ID: 223259-6
Date Received.....: 12/20/2003
Time Received.....: 10:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.013	B		0.0071	0.027	1	mg/Kg	105498		12/23/03 1420	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	1500			2.6	22	1	mg/Kg	106151		01/01/04 0203	lmr
	Antimony, Solid*	ND	U		0.98	2.2	1	mg/Kg	106151		01/01/04 0203	lmr
	Arsenic, Solid*	2.4			0.55	1.1	1	mg/Kg	106151		01/01/04 0203	lmr
	Barium, Solid*	41			0.17	1.1	1	mg/Kg	106151		01/01/04 0203	lmr
	Beryllium, Solid*	0.17	B		0.048	0.43	1	mg/Kg	106151		01/01/04 0203	lmr
	Cadmium, Solid*	0.39			0.087	0.22	1	mg/Kg	106151		01/01/04 0203	lmr
	Calcium, Solid*	170000			34	110	10	mg/Kg	106223		01/02/04 2022	lmr
	Chromium, Solid*	450			0.24	1.1	1	mg/Kg	106151		01/01/04 0203	lmr
	Cobalt, Solid*	3.8			0.15	0.54	1	mg/Kg	106151		01/01/04 0203	lmr
	Copper, Solid*	75			1.3	1.5	1	mg/Kg	106343		01/05/04 1810	tds
	Iron, Solid*	3200		H	3.3	5.4	1	mg/Kg	106151		01/01/04 0203	lmr
	Lead, Solid*	1900			0.47	0.54	1	mg/Kg	106151		01/01/04 0203	lmr
	Magnesium, Solid*	4000			1.8	11	1	mg/Kg	106151		01/01/04 0203	lmr
	Manganese, Solid*	79			0.14	1.1	1	mg/Kg	106151		01/01/04 0203	lmr
	Nickel, Solid*	4.5			0.27	1.1	1	mg/Kg	106151		01/01/04 0203	lmr
	Potassium, Solid*	280		*	15	54	1	mg/Kg	106151		01/01/04 0203	lmr
	Selenium, Solid*	ND	U		0.43	1.1	1	mg/Kg	106151		01/01/04 0203	lmr
	Silver, Solid*	ND	U		0.34	0.54	1	mg/Kg	106151		01/01/04 0203	lmr
	Sodium, Solid*	11000			94	110	1	mg/Kg	106151		01/01/04 0203	lmr
	Thallium, Solid*	ND	U		0.72	1.1	1	mg/Kg	106151		01/01/04 0203	lmr
	Vanadium, Solid*	8.1			0.23	0.54	1	mg/Kg	106347		01/03/04 1452	tds
	Zinc, Solid*	73			0.43	2.2	1	mg/Kg	106151		01/01/04 0203	lmr

* In Description = Dry Wgt.

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LABORATORY CHRONICLE

Job Number: 223259 Date: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Lab ID: 223259-1 Client ID: SB41 Date Recvd: 12/20/2003 Sample Date: 12/19/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105417		12/23/2003	1040	
5030A	5030 Purge & Trap	1	106176		01/01/2004	0500	
3050B	Acid Digestion: Solids (ICAP)	1	105950		12/30/2003	1700	
3050B	Acid Digestion: Solids (ICAP)	2	106163		01/02/2004	1600	
EDD	Electronic Data Deliverable	1	106452				
3541	Extraction Soxhlet (DRO)	1	105534		12/24/2003	1115	
3550B	Extraction Ultrasonic (PCBs)	1	105702		12/29/2003	1000	
7471A	Mercury (CVAA) Solids	1	105498	105489	12/23/2003	1406	
6010B	Metals Analysis (ICAP Trace)	1	106151	105950	01/01/2004	0138	
6010B	Metals Analysis (ICAP Trace)	1	106347	105950	01/03/2004	1403	
6010B	Metals Analysis (ICAP Trace)	1	106343	106163	01/05/2004	1745	
8082	PCB Analysis	1	106328	105702	01/03/2004	0405	1.00000
7470/7471	SW846 Digestion (Hg)	1	105489		12/23/2003	1115	
8015B MDRO	TPH - Diesel Range Organics (DRO)	1	105811	105534	12/29/2003	2106	1.00000
8015B MGRO	TPH - Gasoline Range Organics (GRO)	1	106177	106176	01/01/2004	0829	1.00000

Lab ID: 223259-2 Client ID: 104RRTRACK SUBGRD Date Recvd: 12/20/2003 Sample Date: 12/19/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105402		12/22/2003	2130	
3050B	Acid Digestion: Solids (ICAP)	1	105297		12/22/2003	1210	
3550B	Extraction Ultrasonic (PCBs)	1	105336		12/22/2003	1400	
3550B	Extraction Ultrasonic (SVOC)	1	105334		12/22/2003	1400	
7471A	Mercury (CVAA) Solids	1	105498	105489	12/23/2003	1408	
6010B	Metals Analysis (ICAP Trace)	1	105442	105297	12/22/2003	1830	
6010B	Metals Analysis (ICAP Trace)	1	105441	105297	12/23/2003	0638	
8082	PCB Analysis	1	105486	105336	12/23/2003	1330	1.00000
7470/7471	SW846 Digestion (Hg)	1	105489		12/23/2003	1115	
8270C	Semivolatile Organics	1	105488	105334	12/23/2003	1347	1.00000

Lab ID: 223259-3 Client ID: SI-1 Date Recvd: 12/20/2003 Sample Date: 12/19/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105417		12/23/2003	1040	
8330	8330 Extraction (Explosives)	1	105510		12/26/2003	2000	
3050B	Acid Digestion: Solids (ICAP)	1	105950		12/30/2003	1700	
3050B	Acid Digestion: Solids (ICAP)	2	106163		01/02/2004	1600	
8330	Explosives by 8330 (HPLC)	1	106221	105510	12/30/2003	1212	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	105702		12/29/2003	1000	
7471A	Mercury (CVAA) Solids	1	105498	105489	12/23/2003	1414	
6010B	Metals Analysis (ICAP Trace)	1	106151	105950	01/01/2004	0145	
6010B	Metals Analysis (ICAP Trace)	1	106223	105950	01/02/2004	2010	10
6010B	Metals Analysis (ICAP Trace)	1	106347	105950	01/03/2004	1410	
6010B	Metals Analysis (ICAP Trace)	1	106343	106163	01/05/2004	1751	
8082	PCB Analysis	1	106328	105702	01/05/2004	1345	1.00000
7470/7471	SW846 Digestion (Hg)	1	105489		12/23/2003	1115	

Lab ID: 223259-4 Client ID: SI-2 Date Recvd: 12/20/2003 Sample Date: 12/19/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105417		12/23/2003	1040	
8330	8330 Extraction (Explosives)	1	105510		12/26/2003	2000	
3050B	Acid Digestion: Solids (ICAP)	1	105950		12/30/2003	1700	
3050B	Acid Digestion: Solids (ICAP)	2	106163		01/02/2004	1600	
8330	Explosives by 8330 (HPLC)	1	106221	105510	12/31/2003	0057	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	105702		12/29/2003	1000	
7471A	Mercury (CVAA) Solids	1	105498	105489	12/23/2003	1416	
6010B	Metals Analysis (ICAP Trace)	1	106151	105950	01/01/2004	0151	

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LABORATORY CHRONICLE

Job Number: 223259 Date: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Lab ID: 223259-4 Client ID: SI-2 Date Recvd: 12/20/2003 Sample Date: 12/19/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
6010B	Metals Analysis (ICAP Trace)	1	106347	105950		01/03/2004	1416	
6010B	Metals Analysis (ICAP Trace)	1	106343	106163		01/05/2004	1757	
8082	PCB Analysis	1	106328	105702		01/05/2004	1450	1.00000
7470/7471	SW846 Digestion (Hg)	1	105489			12/23/2003	1115	

Lab ID: 223259-5 Client ID: SI-3 Date Recvd: 12/20/2003 Sample Date: 12/19/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105417			12/23/2003	1040	
8330	8330 Extraction (Explosives)	1	105510			12/26/2003	2000	
3050B	Acid Digestion: Solids (ICAP)	1	105950			12/30/2003	1700	
3050B	Acid Digestion: Solids (ICAP)	2	106163			01/02/2004	1600	
8330	Explosives by 8330 (HPLC)	1	106221	105510		12/31/2003	0307	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	105702			12/29/2003	1000	
7471A	Mercury (CVAA) Solids	1	105498	105489		12/23/2003	1418	
6010B	Metals Analysis (ICAP Trace)	1	106151	105950		01/01/2004	0157	
6010B	Metals Analysis (ICAP Trace)	1	106223	105950		01/02/2004	2016	10
6010B	Metals Analysis (ICAP Trace)	1	106347	105950		01/03/2004	1446	
6010B	Metals Analysis (ICAP Trace)	1	106343	106163		01/05/2004	1803	
8082	PCB Analysis	1	106328	105702		01/05/2004	1555	2.00000
7470/7471	SW846 Digestion (Hg)	1	105489			12/23/2003	1115	

Lab ID: 223259-6 Client ID: SI-4 Date Recvd: 12/20/2003 Sample Date: 12/19/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105417			12/23/2003	1040	
8330	8330 Extraction (Explosives)	1	105510			12/26/2003	2000	
3050B	Acid Digestion: Solids (ICAP)	1	105950			12/30/2003	1700	
3050B	Acid Digestion: Solids (ICAP)	2	106163			01/02/2004	1600	
8330	Explosives by 8330 (HPLC)	1	106221	105510		12/31/2003	0444	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	105702			12/29/2003	1000	
7471A	Mercury (CVAA) Solids	1	105498	105489		12/23/2003	1420	
6010B	Metals Analysis (ICAP Trace)	1	106151	105950		01/01/2004	0203	
6010B	Metals Analysis (ICAP Trace)	1	106223	105950		01/02/2004	2022	10
6010B	Metals Analysis (ICAP Trace)	1	106347	105950		01/03/2004	1452	
6010B	Metals Analysis (ICAP Trace)	1	106343	106163		01/05/2004	1810	
8082	PCB Analysis	1	106328	105702		01/05/2004	1701	1.00000
7470/7471	SW846 Digestion (Hg)	1	105489			12/23/2003	1115	

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SURROGATE RECOVERIES REPORT

Job Number.: 223259 Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Method.....: TPH - Diesel Range Organics (DRO) Test Matrix...: 3541 Solid Prep Batch..: 105534
Method Code...: 8015D Batch(s).....: 105811

Lab ID	DT	Sample ID	Date	2FLUBP	OTERPH
LCS			12/29/2003	94	95
MB			12/29/2003	89	91
223259- 1		SB41	12/29/2003	82	95
223259- 1	MS	SB41	12/29/2003	94	109
223259- 1	MSD	SB41	12/29/2003	90	103

Test	Test Description	Limits
2FLUBP	2-Fluorobiphenyl (surr)	48 - 103
OTERPH	o-Terphenyl (surr)	44 - 128

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SURROGATE RECOVERIES REPORT

Job Number.: 223259 Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Method.....: TPH - Gasoline Range Organics (GRO) Test Matrix...: Solid Prep Batch..: 106176
Method Code...: 8015G Batch(s).....: 106177

Lab ID	DT	Sample ID	Date	ATFT	BRFLBE
LCS			01/01/2004	101	95
MB			01/01/2004	94	86
223259- 1		SB41	01/01/2004	87	77
223259- 1	MS	SB41	01/01/2004	94	86
223259- 1	MSD	SB41	01/01/2004	93	86

Test	Test Description	Limits
ATFT	a,a,a-Trifluorotoluene	68 - 113
BRFLBE	4-Bromofluorobenzene (surr)	41 - 125

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SURROGATE RECOVERIES REPORT

Job Number.: 223259 Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Method.....: PCB Analysis
Method Code...: 8082
Test Matrix...: Solid
Batch(s).....: 105486
Prep Batch..: 105336

Lab ID	DT	Sample ID	Date	DCB	TCX
LCD			12/23/2003	93	96
LCS			12/23/2003	90	93
MB			12/23/2003	92	93
223259- 2		104RRTRACK SUBGRD	12/23/2003	95	95

Test	Test Description	Limits
DCB	Decachlorobiphenyl (surr)	24 - 129
TCX	Tetrachloro-m-xylene (surr)	40 - 116

Method.....: PCB Analysis
Method Code...: 8082
Test Matrix...: Solid
Batch(s).....: 106328
Prep Batch..: 105702

Lab ID	DT	Sample ID	Date	DCB	TCX
LCS			01/03/2004	110	103
MB			01/02/2004	99	88
223259- 1		SB41	01/03/2004	85	94
223259- 3		SI-1	01/05/2004	30	95
223259- 4		SI-2	01/05/2004	32	89
223259- 5		SI-3	01/05/2004	89	105
223259- 6		SI-4	01/05/2004	33	89

Test	Test Description	Limits
DCB	Decachlorobiphenyl (surr)	24 - 129
TCX	Tetrachloro-m-xylene (surr)	40 - 116

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SURROGATE RECOVERIES REPORT

Job Number.: 223259 Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Method.....: Semivolatile Organics
Method Code...: 8270
Test Matrix...: Low Level Soil
Batch(s).....: 105488
Prep Batch..: 105334

Lab ID	DT	Sample ID	Date	246TBP	2FLUBP	2FLUPH	NITRD5	PHEND5	TERD14
LCD			12/23/2003	95	81	84	85	81	89
LCS			12/23/2003	95	81	87	85	84	80
MB			12/23/2003	84	82	85	84	84	85
223259- 2		104RRTRACK SUBGRD	12/23/2003	88	74	76	78	73	81

Test	Test Description	Limits
246TBP	2,4,6-Tribromophenol (surr)	20 - 150
2FLUBP	2-Fluorobiphenyl (surr)	41 - 108
2FLUPH	2-Fluorophenol (surr)	35 - 118
NITRD5	Nitrobenzene-d5 (surr)	22 - 108
PHEND5	Phenol-d5 (surr)	21 - 129
TERD14	Terphenyl-d14 (surr)	37 - 137

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SURROGATE RECOVERIES REPORT

Job Number.: 223259 Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Method.....: Explosives by 8330 (HPLC) Test Matrix...: Solid Prep Batch..: 105510
Method Code...: 8330 Batch(s).....: 106221

Lab ID	DT	Sample ID	Date	12DNBZ
LCS			12/30/2003	101
MB			12/30/2003	99
223259- 3		SI-1	12/30/2003	103
223259- 3	MS	SI-1	12/31/2003	101
223259- 3	MSD	SI-1	12/31/2003	99
223259- 4		SI-2	12/31/2003	122
223259- 5		SI-3	12/31/2003	102
223259- 6		SI-4	12/31/2003	139

Test	Test Description	Limits
12DNBZ	1,2-Dinitrobenzene (surr)	69 - 160

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCD	Laboratory Control Sample Duplicate	003LWLPCBA	105336-003		12/23/2003	1254

Test Method.....: 8082
Method Description.: PCB Analysis

Equipment Code....: INST4142
Batch.....: 105486

Analyst...: pjg

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits
Aroclor 1016, Solid	ug/Kg	134.073	130.363	166.700	2.900	U	80	%	63-106
							3	R	30
Aroclor 1260, Solid	ug/Kg	149.217	145.453	167.000	2.500	U	89	%	68-105
							3	R	30

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259 Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	003LWLPCBA	105336-002		12/23/2003	1219

Test Method.....: 8082 Equipment Code....: INST4142 Analyst...: pjg
Method Description.: PCB Analysis Batch.....: 105486

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Solid	ug/Kg	130.363		166.700	2.900 U	78	%	63-106	
Aroclor 1260, Solid	ug/Kg	145.453		167.000	2.500 U	87	%	68-105	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		105336-001		12/23/2003	1143

Test Method.....: 8082
Method Description.: PCB Analysis

Equipment Code....: INST4142
Batch.....: 105486

Analyst...: pjg

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits
Aroclor 1016, Solid	ug/Kg	2.900	U						
Aroclor 1221, Solid	ug/Kg	6.700	U						
Aroclor 1232, Solid	ug/Kg	3.000	U						
Aroclor 1242, Solid	ug/Kg	6.300	U						
Aroclor 1248, Solid	ug/Kg	2.300	U						
Aroclor 1254, Solid	ug/Kg	2.700	U						
Aroclor 1260, Solid	ug/Kg	2.500	U						

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	003LWLPCBA	105702-002		01/03/2004	0016

Test Method.....: 8082
Method Description.: PCB Analysis

Equipment Code....: INST0708
Batch.....: 106328

Analyst...: mgk

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Solid	ug/Kg	161.533		166.700	2.900 U	97	%	63-106	
Aroclor 1260, Solid	ug/Kg	183.026		167.000	2.500 U	110	%	68-105	*

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		105702-001		01/02/2004	2344

Test Method.....: 8082
Method Description.: PCB Analysis

Equipment Code....: INST0708
Batch.....: 106328

Analyst...: mgk

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Solid	ug/Kg	2.900	U							
Aroclor 1221, Solid	ug/Kg	6.700	U							
Aroclor 1232, Solid	ug/Kg	3.000	U							
Aroclor 1242, Solid	ug/Kg	6.300	U							
Aroclor 1248, Solid	ug/Kg	2.300	U							
Aroclor 1254, Solid	ug/Kg	2.700	U							
Aroclor 1260, Solid	ug/Kg	2.500	U							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259 Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	003KWLDIEA	105534-002		12/29/2003	1242

Test Method.....: 8015B MDRO Equipment Code....: INST10 Analyst...: mgk
Method Description.: TPH - Diesel Range Organics (DRO) Batch.....: 105811

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Diesel Range Organics (DRO), 3541 Soli	mg/Kg	57.353		66.670	2.600 U	86	%	70-106	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259 Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		105534-001		12/29/2003	1203

Test Method.....: 8015B MDRO Equipment Code....: INST10 Analyst...: mgk
Method Description.: TPH - Diesel Range Organics (DRO) Batch.....: 105811

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits
Diesel Range Organics (DRO), 3541 Soli	mg/Kg	2.600	U					

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259 Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	003KWLDIEA	223259-1		12/29/2003	2144

Test Method.....: 8015B MDRO Equipment Code....: INST10 Analyst...: mgk
Method Description.: TPH - Diesel Range Organics (DRO) Batch.....: 105811

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Diesel Range Organics (DRO), 3541 Soli	mg/Kg	130.471		84.440	25.501	124	%	70-106	*

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259 Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	003KWLDIEA	223259-1		12/29/2003	2223

Test Method.....: 8015B MDRO Equipment Code....: INST10 Analyst...: mgk
Method Description.: TPH - Diesel Range Organics (DRO) Batch.....: 105811

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	E
Diesel Range Organics (DRO), 3541 Soli	mg/Kg	129.451	130.471	83.890	25.501	124	%	70-106	
						0	R	30	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	G04A01DSA	106176-002		01/01/2004	0754

Test Method.....: 8015B MGRO
Method Description.: TPH - Gasoline Range Organics (GRO)

Equipment Code....: INST1314
Batch.....: 106177

Analyst...: wre

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Gasoline Range Organics (GRO), Solid	ug/Kg	429.748		400.000	9.500 U	107	%	79-130	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		106176-001		01/01/2004	0718

Test Method.....: 8015B MGRO
Method Description.: TPH - Gasoline Range Organics (GRO)

Equipment Code....: INST1314
Batch.....: 106177

Analyst...: wre

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits
Gasoline Range Organics (GRO), Solid	ug/Kg	9.500 U						

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	G04A01DSA	223259-1		01/01/2004	0905

Test Method.....: 8015B MGRO
Method Description.: TPH - Gasoline Range Organics (GRO)

Equipment Code....: INST1314
Batch.....: 106177

Analyst...: wre

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Gasoline Range Organics (GRO), Solid	ug/Kg	505.722		519.500	12.555 J	97	%	79-130	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259 Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	G04A01DSA	223259-1		01/01/2004	0940

Test Method.....: 8015B MGRO Equipment Code....: INST1314 Analyst...: wre
Method Description.: TPH - Gasoline Range Organics (GRO) Batch.....: 106177

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	
Gasoline Range Organics (GRO), Solid	ug/Kg	506.344	505.722	519.500	12.555 J	97	%	79-130	
						0	R	30	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	003LWLEXPB	105510-002		12/30/2003	1002

Test Method.....: 8330
Method Description.: Explosives by 8330 (HPLC)

Equipment Code....: INST43
Batch.....: 106221

Analyst...: san

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
HMX, Solid	ug/Kg	1105.400		1000.000	0.225 U	111	%	84-120	
RDX, Solid	ug/Kg	1103.500		1000.000	0.133 U	110	%	81-115	
1,3,5-Trinitrobenzene, Solid	ug/Kg	1034.050		1000.000	0.080 U	103	%	77-114	
1,3-Dinitrobenzene, Solid	ug/Kg	1103.350		1000.000	0.053 U	110	%	85-112	
Nitrobenzene, Solid	ug/Kg	1092.500		1000.000	0.092 U	109	%	86-112	
2,4,6-TNT, Solid	ug/Kg	1036.750		1000.000	0.068 U	104	%	77-118	
Tetryl, Solid	ug/Kg	1113.200		2000.000	0.218 U	56	%	35-132	
2,4-Dinitrotoluene, Solid	ug/Kg	1138.700		1000.000	0.042 U	114	%	81-121	
2,6-Dinitrotoluene, Solid	ug/Kg	2203.700		2000.000	0.207 U	110	%	84-114	
2-Amino-4,6-Dinitrotoluene, Solid	ug/Kg	2066.050		2000.000	0.082 U	103	%	83-113	
4-Amino-2,6-Dinitrotoluene, Solid	ug/Kg	2540.750		2000.000	0.138 U	127	%	80-131	
2-Nitrotoluene, Solid	ug/Kg	2099.800		2000.000	0.163 U	105	%	84-114	
4-Nitrotoluene, Solid	ug/Kg	2041.700		2000.000	0.337 U	102	%	82-112	
3-Nitrotoluene, Solid	ug/Kg	2058.500		2000.000	0.102 U	103	%	84-117	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259 Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		105510-001		12/30/2003	0930

Test Method.....: 8330 Equipment Code....: INST43 Analyst...: san
Method Description.: Explosives by 8330 (HPLC) Batch.....: 106221

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits
HMX, Solid	ug/Kg	0.225	U						
RDX, Solid	ug/Kg	0.133	U						
1,3,5-Trinitrobenzene, Solid	ug/Kg	0.080	U						
1,3-Dinitrobenzene, Solid	ug/Kg	0.053	U						
Nitrobenzene, Solid	ug/Kg	0.092	U						
2,4,6-TNT, Solid	ug/Kg	0.068	U						
Tetryl, Solid	ug/Kg	0.218	U						
2,4-Dinitrotoluene, Solid	ug/Kg	0.042	U						
2,6-Dinitrotoluene, Solid	ug/Kg	0.207	U						
2-Amino-4,6-Dinitrotoluene, Solid	ug/Kg	0.082	U						
4-Amino-2,6-Dinitrotoluene, Solid	ug/Kg	0.138	U						
2-Nitrotoluene, Solid	ug/Kg	0.163	U						
4-Nitrotoluene, Solid	ug/Kg	0.337	U						
3-Nitrotoluene, Solid	ug/Kg	0.102	U						

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259 Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	003LWLEXPB	223259-3		12/31/2003	1017

Test Method.....: 8330 Equipment Code....: INST43 Analyst...: san
Method Description.: Explosives by 8330 (HPLC) Batch.....: 106221

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
HMX, Solid	ug/Kg	1081.300		1000.000	0.225 U	108	%	84-120	
RDX, Solid	ug/Kg	1085.700		1000.000	0.133 U	109	%	81-115	
1,3,5-Trinitrobenzene, Solid	ug/Kg	1020.300		1000.000	0.080 U	102	%	77-114	
1,3-Dinitrobenzene, Solid	ug/Kg	1085.500		1000.000	0.053 U	109	%	85-112	
Nitrobenzene, Solid	ug/Kg	1081.550		1000.000	0.092 U	108	%	86-112	
2,4,6-TNT, Solid	ug/Kg	992.750		1000.000	0.068 U	99	%	77-118	
Tetryl, Solid	ug/Kg	170.700		2000.000	0.218 U	9	%	35-132	*
2,4-Dinitrotoluene, Solid	ug/Kg	1114.450		1000.000	0.042 U	111	%	81-121	
2,6-Dinitrotoluene, Solid	ug/Kg	2252.100		2000.000	0.207 U	113	%	84-114	
2-Amino-4,6-Dinitrotoluene, Solid	ug/Kg	2023.300		2000.000	0.082 U	101	%	83-113	
4-Amino-2,6-Dinitrotoluene, Solid	ug/Kg	3293.450		2000.000	0.138 U	165	%	80-131	*
2-Nitrotoluene, Solid	ug/Kg	2060.100		2000.000	0.163 U	103	%	84-114	
4-Nitrotoluene, Solid	ug/Kg	2018.500		2000.000	0.337 U	101	%	82-112	
3-Nitrotoluene, Solid	ug/Kg	2010.300		2000.000	0.102 U	101	%	84-117	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	0031LWLEXPB	223259-3		12/31/2003	1155

Test Method.....: 8330
Method Description.: Explosives by 8330 (HPLC)

Equipment Code....: INST43
Batch.....: 106221

Analyst...: san

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
HMX, Solid	ug/Kg	1073.234	1081.300	995.000	0.224 U	108	%	84-120	
						0	R	30	
RDX, Solid	ug/Kg	1095.672	1085.700	995.000	0.132 U	110	%	81-115	
						1	R	30	
1,3,5-Trinitrobenzene, Solid	ug/Kg	1009.602	1020.300	995.000	0.080 U	101	%	77-114	
						1	R	30	
1,3-Dinitrobenzene, Solid	ug/Kg	1062.786	1085.500	995.000	0.053 U	107	%	85-112	
						2	R	30	
Nitrobenzene, Solid	ug/Kg	1058.209	1081.550	995.000	0.092 U	106	%	86-112	
						2	R	30	
2,4,6-TNT, Solid	ug/Kg	1006.965	992.750	995.000	0.068 U	101	%	77-118	
						2	R	30	
Tetryl, Solid	ug/Kg	139.353	170.700	1990.000	0.217 U	7	%	35-132	*
						25	R	30	
2,4-Dinitrotoluene, Solid	ug/Kg	1102.885	1114.450	995.000	0.042 U	111	%	81-121	
						0	R	30	
2,6-Dinitrotoluene, Solid	ug/Kg	2197.264	2252.100	1990.000	0.206 U	110	%	84-114	
						3	R	30	
2-Amino-4,6-Dinitrotoluene, Solid	ug/Kg	2007.413	2023.300	1990.000	0.082 U	101	%	83-113	
						0	R	30	
4-Amino-2,6-Dinitrotoluene, Solid	ug/Kg	3299.204	3293.450	1990.000	0.137 U	166	%	80-131	*
						1	R	30	
2-Nitrotoluene, Solid	ug/Kg	2026.667	2060.100	1990.000	0.162 U	102	%	84-114	
						1	R	30	
4-Nitrotoluene, Solid	ug/Kg	1997.612	2018.500	1990.000	0.335 U	100	%	82-112	
						1	R	30	
3-Nitrotoluene, Solid	ug/Kg	2009.104	2010.300	1990.000	0.101 U	101	%	84-117	
						0	R	30	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259 Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCD	Laboratory Control Sample Duplicate	003LWLBLKB	105334-003		12/23/2003	1229

Test Method.....: 8270C Equipment Code....: GCL12 Analyst...: glr
Method Description.: Semivolatile Organics Batch.....: 105488

Parameter/Test Description	Units	QC Result		QC Result		True Value	Orig. Value		QC Calc.	*	Limits	F
Phenol, Low Level Soil	ug/Kg	1244.941		1304.694		1667.000	1.600	U	75 5	% R	34-119 20	
Bis(2-chloroethyl)ether, Low Level Soi	ug/Kg	1380.046		1429.452		1667.000	2.000	U	83 4	% R	42-101 20	
1,3-Dichlorobenzene, Low Level Soil	ug/Kg	1209.095		1232.034		1667.000	79.000	U	73 2	% R	48-100 20	
1,4-Dichlorobenzene, Low Level Soil	ug/Kg	1306.270		1124.182		1667.000	71.000	U	78 15	% R	50-100 20	
1,2-Dichlorobenzene, Low Level Soil	ug/Kg	1282.414		1292.194		1667.000	79.000	U	77 1	% R	49-104 20	
Benzyl alcohol, Low Level Soil	ug/Kg	1193.891		1246.421		1667.000	94.000	U	72 4	% R	14-150 20	
2-Methylphenol (o-cresol), Low Level S	ug/Kg	1342.797		1404.443		1667.000	8.400	U	81 4	% R	36-110 20	
2,2-oxybis (1-chloropropane), Low Leve	ug/Kg	1539.688		1553.894		1667.000	75.000	U	92 1	% R	48-100 20	
n-Nitroso-di-n-propylamine, Low Level	ug/Kg	1431.992		1446.689		1667.000	2.300	U	86 1	% R	49-138 20	
Hexachloroethane, Low Level Soil	ug/Kg	1335.170		1345.947		1667.000	3.300	U	80 1	% R	46-100 20	
4-Methylphenol (m/p-cresol), Low Level	ug/Kg	1392.253		1447.239		1667.000	5.800	U	84 4	% R	33-114 20	
2-Chlorophenol, Low Level Soil	ug/Kg	1318.380		1345.067		1667.000	59.000	U	79 2	% R	52-103 20	
Nitrobenzene, Low Level Soil	ug/Kg	1411.089		1377.610		1667.000	2.500	U	85 2	% R	50-100 20	
Bis(2-chloroethoxy)methane, Low Level	ug/Kg	1360.213		1309.707		1667.000	2.900	U	82 4	% R	55-116 20	
1,2,4-Trichlorobenzene, Low Level Soil	ug/Kg	1284.607		1260.747		1667.000	59.000	U	77 2	% R	53-107 20	
Benzoic acid, Low Level Soil	ug/Kg	2213.951		2656.063		1667.000	98.000	U	133 18	% R	40-143 20	
Isophorone, Low Level Soil	ug/Kg	1400.773		1351.933		1667.000	2.400	U	84 4	% R	52-116 20	
2,4-Dimethylphenol, Low Level Soil	ug/Kg	1332.963		1332.213		1667.000	60.000	U	80 0	% R	11-115 20	
Hexachlorobutadiene, Low Level Soil	ug/Kg	1334.520		1296.710		1667.000	3.300	U	80 3	% R	52-118 20	
Naphthalene, Low Level Soil	ug/Kg	1272.467		1255.151		1667.000	1.700	U	76 1	% R	49-100 20	
2,4-Dichlorophenol, Low Level Soil	ug/Kg	1344.877		1360.660		1667.000	48.000	U	81 1	% R	58-103 20	
4-Chloroaniline, Low Level Soil	ug/Kg	591.571	J	608.374	J	1667.000	100.000	U	35 3	% R	15-114 20	
2,4,6-Trichlorophenol, Low Level Soil	ug/Kg	1316.044		1353.370		1667.000	47.000	U	79 3	% R	57-105 20	
2,4,5-Trichlorophenol, Low Level Soil	ug/Kg	1557.054		1339.397		1667.000	38.000	U	93 15	% R	62-118 20	
Hexachlorocyclopentadiene, Low Level S	ug/Kg	1174.828		1426.769		1667.000	54.000	U	70 19	% R	32-100 20	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCD	Laboratory Control Sample Duplicate	003LWL8LKB	105334-003		12/23/2003	1229

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	
2-Methylnaphthalene, Low Level Soil	ug/Kg	1771.392	1071.966	1667.000	1.500	U	106	%	30-115	
							49	R	20	*
2-Nitroaniline, Low Level Soil	ug/Kg	1513.685	1518.575	1667.000	34.000	U	91	%	55-106	
							0	R	20	
2-Chloronaphthalene, Low Level Soil	ug/Kg	1316.580	1314.724	1667.000	48.000	U	79	%	59-114	
							0	R	20	
4-Chloro-3-methylphenol, Low Level Soi	ug/Kg	1412.376	1455.062	1667.000	38.000	U	85	%	56-110	
							3	R	20	
2,6-Dinitrotoluene, Low Level Soil	ug/Kg	1491.718	924.481	1667.000	2.200	U	90	%	62-111	
							47	R	20	
2-Nitrophenol, Low Level Soil	ug/Kg	1255.191	1314.144	1667.000	63.000	U	75	%	53-102	
							5	R	20	
3-Nitroaniline, Low Level Soil	ug/Kg	926.934	977.434	1667.000	111.000	U	56	%	28-100	
							5	R	20	
Dimethyl phthalate, Low Level Soil	ug/Kg	1520.961	1458.942	1667.000	3.600	U	91	%	63-105	
							4	R	20	
2,4-Dinitrophenol, Low Level Soil	ug/Kg	1206.121	1362.026	1667.000	114.000	U	72	%	44-139	
							12	R	20	
Acenaphthylene, Low Level Soil	ug/Kg	1358.243	1344.280	1667.000	0.910	U	81	%	50-103	
							1	R	20	
2,4-Dinitrotoluene, Low Level Soil	ug/Kg	1094.386	1009.780	1667.000	1.700	U	66	%	61-113	
							8	R	20	
Acenaphthene, Low Level Soil	ug/Kg	1324.997	1303.460	1667.000	1.400	U	80	%	51-100	
							2	R	20	
Dibenzofuran, Low Level Soil	ug/Kg	1354.993	1335.223	1667.000	2.700	U	81	%	49-103	
							1	R	20	
4-Nitrophenol, Low Level Soil	ug/Kg	1809.549	1871.521	1667.000	82.000	U	109	%	45-129	
							3	R	20	
Fluorene, Low Level Soil	ug/Kg	1360.956	1326.323	1667.000	1.600	U	82	%	51-109	
							3	R	20	
4-Nitroaniline, Low Level Soil	ug/Kg	973.504	1089.376	1667.000	39.000	U	58	%	32-111	
							11	R	20	
4-Bromophenyl phenyl ether, Low Level	ug/Kg	1451.015	999.107	1667.000	3.100	U	87	%	62-108	
							37	R	20	*
Hexachlorobenzene, Low Level Soil	ug/Kg	1372.463	1115.529	1667.000	1.800	U	82	%	62-105	
							21	R	20	*
Diethyl phthalate, Low Level Soil	ug/Kg	1615.651	1074.909	1667.000	3.700	U	97	%	62-110	
							40	R	20	*
4-Chlorophenyl phenyl ether, Low Level	ug/Kg	1394.339	1367.790	1667.000	3.600	U	84	%	62-106	
							2	R	20	
Pentachlorophenol, Low Level Soil	ug/Kg	1520.885	1471.859	1667.000	100.000	U	91	%	43-122	
							3	R	20	
n-Nitrosodiphenylamine, Low Level Soil	ug/Kg	990.793	1310.404	1667.000	2.900	U	59	%	63-108	*
							28	R	20	*
4,6-Dinitro-2-methylphenol, Low Level	ug/Kg	1258.004	1314.157	1667.000	95.000	U	75	%	67-130	
							4	R	20	
Phenanthrene, Low Level Soil	ug/Kg	1643.790	1373.500	1667.000	1.000	U	99	%	50-110	
							18	R	20	
Anthracene, Low Level Soil	ug/Kg	1259.074	1197.905	1667.000	0.860	U	76	%	51-110	
							5	R	20	
Carbazole, Low Level Soil	ug/Kg	1633.830	1468.612	1667.000	35.000	U	98	%	49-131	
							11	R	20	
Di-n-butyl phthalate, Low Level Soil	ug/Kg	1595.407	1300.157	1667.000	20.000	U	96	%	51-130	
							20	R	20	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259 Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCD	Laboratory Control Sample Duplicate	003LWLBLKB	105334-003		12/23/2003	1229

Parameter/Test Description	Units	QC Result		QC Result		True Value	Orig. Value		QC Calc.	*	Limits	F
Benzidine, Low Level Soil	ug/Kg	657.000	U	657.000	U	1667.000	657.000	U	12	%	10-100	
									2	R	20	
Fluoranthene, Low Level Soil	ug/Kg	1294.970		1260.671		1667.000	1.100	U	78	%	55-122	
									3	R	20	
Pyrene, Low Level Soil	ug/Kg	1570.184		1301.230		1667.000	2.000	U	94	%	41-121	
									19	R	20	
Butyl benzyl phthalate, Low Level Soil	ug/Kg	1560.848		1421.636		1667.000	4.100	U	94	%	56-113	
									9	R	20	
Benzo(a)anthracene, Low Level Soil	ug/Kg	1600.604		1597.047		1667.000	1.100	U	96	%	49-119	
									0	R	20	
Chrysene, Low Level Soil	ug/Kg	1409.283		1377.513		1667.000	1.800	U	85	%	39-124	
									2	R	20	
3,3-Dichlorobenzidine, Low Level Soil	ug/Kg	1323.233		1367.486		1667.000	18.000	U	79	%	22-106	
									3	R	20	
Bis(2-ethylhexyl)phthalate, Low Level	ug/Kg	1617.994		1549.098		1667.000	9.500	U	97	%	49-144	
									4	R	20	
Di-n-octyl phthalate, Low Level Soil	ug/Kg	1463.919		1390.129		1667.000	8.700	U	88	%	45-130	
									5	R	20	
Benzo(b)fluoranthene, Low Level Soil	ug/Kg	1437.139		1344.830		1667.000	2.100	U	86	%	44-132	
									7	R	20	
Benzo(k)fluoranthene, Low Level Soil	ug/Kg	1264.991		1262.397		1667.000	2.800	U	76	%	43-141	
									0	R	20	
Benzo(a)pyrene, Low Level Soil	ug/Kg	1449.082		1342.823		1667.000	2.200	U	87	%	45-129	
									8	R	20	
Indeno(1,2,3-cd)pyrene, Low Level Soil	ug/Kg	1633.454		1527.341		1667.000	2.100	U	98	%	36-138	
									7	R	20	
Dibenzo(a,h)anthracene, Low Level Soil	ug/Kg	1626.127		1490.718		1667.000	2.200	U	98	%	30-144	
									9	R	20	
Benzo(ghi)perylene, Low Level Soil	ug/Kg	1625.540		1513.925		1667.000	1.900	U	98	%	41-129	
									7	R	20	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259 Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	003LWLBLKB	105334-002		12/23/2003	1203

Test Method.....: 8270C Equipment Code....: GCL12 Analyst...: glr
Method Description.: Semivolatile Organics Batch.....: 105488

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	
Phenol, Low Level Soil	ug/Kg	1304.694		1667.000	1.600 U	78	%	34-119	
Bis(2-chloroethyl)ether, Low Level Soi	ug/Kg	1429.452		1667.000	2.000 U	86	%	42-101	
1,3-Dichlorobenzene, Low Level Soil	ug/Kg	1232.034		1667.000	79.000 U	74	%	48-100	
1,4-Dichlorobenzene, Low Level Soil	ug/Kg	1124.182		1667.000	71.000 U	67	%	50-100	
1,2-Dichlorobenzene, Low Level Soil	ug/Kg	1292.194		1667.000	79.000 U	78	%	49-104	
Benzyl alcohol, Low Level Soil	ug/Kg	1246.421		1667.000	94.000 U	75	%	14-150	
2-Methylphenol (o-cresol), Low Level S	ug/Kg	1404.443		1667.000	8.400 U	84	%	36-110	
2,2-oxybis (1-chloropropane), Low Leve	ug/Kg	1553.894		1667.000	75.000 U	93	%	48-100	
n-Nitroso-di-n-propylamine, Low Level	ug/Kg	1446.689		1667.000	2.300 U	87	%	49-138	
Hexachloroethane, Low Level Soil	ug/Kg	1345.947		1667.000	3.300 U	81	%	46-100	
4-Methylphenol (m/p-cresol), Low Level	ug/Kg	1447.239		1667.000	5.800 U	87	%	33-114	
2-Chlorophenol, Low Level Soil	ug/Kg	1345.067		1667.000	59.000 U	81	%	52-103	
Nitrobenzene, Low Level Soil	ug/Kg	1377.610		1667.000	2.500 U	83	%	50-100	
Bis(2-chloroethoxy)methane, Low Level	ug/Kg	1309.707		1667.000	2.900 U	79	%	55-116	
1,2,4-Trichlorobenzene, Low Level Soil	ug/Kg	1260.747		1667.000	59.000 U	76	%	53-107	
Benzoic acid, Low Level Soil	ug/Kg	2656.063		1667.000	98.000 U	159	%	40-143	*
Isophorone, Low Level Soil	ug/Kg	1351.933		1667.000	2.400 U	81	%	52-116	
2,4-Dimethylphenol, Low Level Soil	ug/Kg	1332.213		1667.000	60.000 U	80	%	11-115	
Hexachlorobutadiene, Low Level Soil	ug/Kg	1296.710		1667.000	3.300 U	78	%	52-118	
Naphthalene, Low Level Soil	ug/Kg	1255.151		1667.000	1.700 U	75	%	49-100	
2,4-Dichlorophenol, Low Level Soil	ug/Kg	1360.660		1667.000	48.000 U	82	%	58-103	
4-Chloroaniline, Low Level Soil	ug/Kg	608.374	J	1667.000	100.000 U	37	%	15-114	
2,4,6-Trichlorophenol, Low Level Soil	ug/Kg	1353.370		1667.000	47.000 U	81	%	57-105	
2,4,5-Trichlorophenol, Low Level Soil	ug/Kg	1339.397		1667.000	38.000 U	80	%	62-118	
Hexachlorocyclopentadiene, Low Level S	ug/Kg	1426.769		1667.000	54.000 U	86	%	32-100	
2-Methylnaphthalene, Low Level Soil	ug/Kg	1071.966		1667.000	1.500 U	64	%	30-115	
2-Nitroaniline, Low Level Soil	ug/Kg	1518.575		1667.000	34.000 U	91	%	55-106	
2-Chloronaphthalene, Low Level Soil	ug/Kg	1314.724		1667.000	48.000 U	79	%	59-114	
4-Chloro-3-methylphenol, Low Level Soi	ug/Kg	1455.062		1667.000	38.000 U	87	%	56-110	
2,6-Dinitrotoluene, Low Level Soil	ug/Kg	924.481		1667.000	2.200 U	55	%	62-111	*
2-Nitrophenol, Low Level Soil	ug/Kg	1314.144		1667.000	63.000 U	79	%	53-102	
3-Nitroaniline, Low Level Soil	ug/Kg	977.434		1667.000	111.000 U	59	%	28-100	
Dimethyl phthalate, Low Level Soil	ug/Kg	1458.942		1667.000	3.600 U	88	%	63-105	
2,4-Dinitrophenol, Low Level Soil	ug/Kg	1362.026		1667.000	114.000 U	82	%	44-139	
Acenaphthylene, Low Level Soil	ug/Kg	1344.280		1667.000	0.910 U	81	%	50-103	
2,4-Dinitrotoluene, Low Level Soil	ug/Kg	1009.780		1667.000	1.700 U	61	%	61-113	
Acenaphthene, Low Level Soil	ug/Kg	1303.460		1667.000	1.400 U	78	%	51-100	
Dibenzofuran, Low Level Soil	ug/Kg	1335.223		1667.000	2.700 U	80	%	49-103	
4-Nitrophenol, Low Level Soil	ug/Kg	1871.521		1667.000	82.000 U	112	%	45-129	
Fluorene, Low Level Soil	ug/Kg	1326.323		1667.000	1.600 U	80	%	51-109	
4-Nitroaniline, Low Level Soil	ug/Kg	1089.376		1667.000	39.000 U	65	%	32-111	
4-Bromophenyl phenyl ether, Low Level	ug/Kg	999.107		1667.000	3.100 U	60	%	62-108	*
Hexachlorobenzene, Low Level Soil	ug/Kg	1115.529		1667.000	1.800 U	67	%	62-105	
Diethyl phthalate, Low Level Soil	ug/Kg	1074.909		1667.000	3.700 U	64	%	62-110	
4-Chlorophenyl phenyl ether, Low Level	ug/Kg	1367.790		1667.000	3.600 U	82	%	62-106	
Pentachlorophenol, Low Level Soil	ug/Kg	1471.859		1667.000	100.000 U	88	%	43-122	
n-Nitrosodiphenylamine, Low Level Soil	ug/Kg	1310.404		1667.000	2.900 U	79	%	63-108	
4,6-Dinitro-2-methylphenol, Low Level	ug/Kg	1314.157		1667.000	95.000 U	79	%	67-130	
Phenanthrene, Low Level Soil	ug/Kg	1373.500		1667.000	1.000 U	82	%	50-110	
Anthracene, Low Level Soil	ug/Kg	1197.905		1667.000	0.860 U	72	%	51-110	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259 Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	003LWLBLK8	105334-002		12/23/2003	1203

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Carbazole, Low Level Soil	ug/Kg	1468.612		1667.000	35.000 U	88	%	49-131	
Di-n-butyl phthalate, Low Level Soil	ug/Kg	1300.157		1667.000	20.000 U	78	%	51-130	
Benzidine, Low Level Soil	ug/Kg	657.000	U	1667.000	657.000 U	12	%	10-100	
Fluoranthene, Low Level Soil	ug/Kg	1260.671		1667.000	1.100 U	76	%	55-122	
Pyrene, Low Level Soil	ug/Kg	1301.230		1667.000	2.000 U	78	%	41-121	
Butyl benzyl phthalate, Low Level Soil	ug/Kg	1421.636		1667.000	4.100 U	85	%	56-113	
Benzo(a)anthracene, Low Level Soil	ug/Kg	1597.047		1667.000	1.100 U	96	%	49-119	
Chrysene, Low Level Soil	ug/Kg	1377.513		1667.000	1.800 U	83	%	39-124	
3,3-Dichlorobenzidine, Low Level Soil	ug/Kg	1367.486		1667.000	18.000 U	82	%	22-106	
Bis(2-ethylhexyl)phthalate, Low Level	ug/Kg	1549.098		1667.000	9.500 U	93	%	49-144	
Di-n-octyl phthalate, Low Level Soil	ug/Kg	1390.129		1667.000	8.700 U	83	%	45-130	
Benzo(b)fluoranthene, Low Level Soil	ug/Kg	1344.830		1667.000	2.100 U	81	%	44-132	
Benzo(k)fluoranthene, Low Level Soil	ug/Kg	1262.397		1667.000	2.800 U	76	%	43-141	
Benzo(a)pyrene, Low Level Soil	ug/Kg	1342.823		1667.000	2.200 U	81	%	45-129	
Indeno(1,2,3-cd)pyrene, Low Level Soil	ug/Kg	1527.341		1667.000	2.100 U	92	%	36-138	
Dibenzo(a,h)anthracene, Low Level Soil	ug/Kg	1490.718		1667.000	2.200 U	89	%	30-144	
Benzo(ghi)perylene, Low Level Soil	ug/Kg	1513.925		1667.000	1.900 U	91	%	41-129	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259 Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		105334-001		12/23/2003	1136

Test Method.....: 8270C Equipment Code....: GCL12 Analyst...: glr
Method Description.: Semivolatile Organics Batch.....: 105488

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits
Phenol, Low Level Soil	ug/Kg	1.600	U						
Bis(2-chloroethyl)ether, Low Level Soi	ug/Kg	2.000	U						
1,3-Dichlorobenzene, Low Level Soil	ug/Kg	79.000	U						
1,4-Dichlorobenzene, Low Level Soil	ug/Kg	71.000	U						
1,2-Dichlorobenzene, Low Level Soil	ug/Kg	79.000	U						
Benzyl alcohol, Low Level Soil	ug/Kg	94.000	U						
2-Methylphenol (o-cresol), Low Level S	ug/Kg	8.400	U						
2,2-oxybis (1-chloropropane), Low Leve	ug/Kg	75.000	U						
n-Nitroso-di-n-propylamine, Low Level	ug/Kg	2.300	U						
Hexachloroethane, Low Level Soil	ug/Kg	3.300	U						
4-Methylphenol (m/p-cresol), Low Level	ug/Kg	5.800	U						
2-Chlorophenol, Low Level Soil	ug/Kg	59.000	U						
Nitrobenzene, Low Level Soil	ug/Kg	2.500	U						
Bis(2-chloroethoxy)methane, Low Level	ug/Kg	2.900	U						
1,2,4-Trichlorobenzene, Low Level Soil	ug/Kg	59.000	U						
Benzoic acid, Low Level Soil	ug/Kg	98.000	U						
Isophorone, Low Level Soil	ug/Kg	2.400	U						
2,4-Dimethylphenol, Low Level Soil	ug/Kg	60.000	U						
Hexachlorobutadiene, Low Level Soil	ug/Kg	3.300	U						
Naphthalene, Low Level Soil	ug/Kg	1.700	U						
2,4-Dichlorophenol, Low Level Soil	ug/Kg	48.000	U						
4-Chloroaniline, Low Level Soil	ug/Kg	100.000	U						
2,4,6-Trichlorophenol, Low Level Soil	ug/Kg	47.000	U						
2,4,5-Trichlorophenol, Low Level Soil	ug/Kg	38.000	U						
Hexachlorocyclopentadiene, Low Level S	ug/Kg	54.000	U						
2-Methylnaphthalene, Low Level Soil	ug/Kg	1.500	U						
2-Nitroaniline, Low Level Soil	ug/Kg	34.000	U						
2-Chloronaphthalene, Low Level Soil	ug/Kg	48.000	U						
4-Chloro-3-methylphenol, Low Level Soi	ug/Kg	38.000	U						
2,6-Dinitrotoluene, Low Level Soil	ug/Kg	2.200	U						
2-Nitrophenol, Low Level Soil	ug/Kg	63.000	U						
3-Nitroaniline, Low Level Soil	ug/Kg	111.000	U						
Dimethyl phthalate, Low Level Soil	ug/Kg	3.600	U						
2,4-Dinitrophenol, Low Level Soil	ug/Kg	114.000	U						
Acenaphthylene, Low Level Soil	ug/Kg	0.910	U						
2,4-Dinitrotoluene, Low Level Soil	ug/Kg	1.700	U						
Acenaphthene, Low Level Soil	ug/Kg	1.400	U						
Dibenzofuran, Low Level Soil	ug/Kg	2.700	U						
4-Nitrophenol, Low Level Soil	ug/Kg	82.000	U						
Fluorene, Low Level Soil	ug/Kg	1.600	U						
4-Nitroaniline, Low Level Soil	ug/Kg	39.000	U						
4-Bromophenyl phenyl ether, Low Level	ug/Kg	3.100	U						
Hexachlorobenzene, Low Level Soil	ug/Kg	1.800	U						
Diethyl phthalate, Low Level Soil	ug/Kg	3.700	U						
4-Chlorophenyl phenyl ether, Low Level	ug/Kg	3.600	U						
Pentachlorophenol, Low Level Soil	ug/Kg	100.000	U						
n-Nitrosodiphenylamine, Low Level Soil	ug/Kg	2.900	U						
4,6-Dinitro-2-methylphenol, Low Level	ug/Kg	95.000	U						
Phenanthrene, Low Level Soil	ug/Kg	1.000	U						
Anthracene, Low Level Soil	ug/Kg	0.860	U						

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259 Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		105334-001		12/23/2003	1136

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Carbazole, Low Level Soil	ug/Kg	35.000	U							
Di-n-butyl phthalate, Low Level Soil	ug/Kg	20.000	U							
Benzidine, Low Level Soil	ug/Kg	657.000	U							
Fluoranthene, Low Level Soil	ug/Kg	1.100	U							
Pyrene, Low Level Soil	ug/Kg	2.000	U							
Butyl benzyl phthalate, Low Level Soil	ug/Kg	4.100	U							
Benzo(a)anthracene, Low Level Soil	ug/Kg	1.100	U							
Chrysene, Low Level Soil	ug/Kg	1.800	U							
3,3-Dichlorobenzidine, Low Level Soil	ug/Kg	18.000	U							
Bis(2-ethylhexyl)phthalate, Low Level	ug/Kg	9.500	U							
Di-n-octyl phthalate, Low Level Soil	ug/Kg	8.700	U							
Benzo(b)fluoranthene, Low Level Soil	ug/Kg	2.100	U							
Benzo(k)fluoranthene, Low Level Soil	ug/Kg	2.800	U							
Benzo(a)pyrene, Low Level Soil	ug/Kg	2.200	U							
Indeno(1,2,3-cd)pyrene, Low Level Soil	ug/Kg	2.100	U							
Dibenzo(a,h)anthracene, Low Level Soil	ug/Kg	2.200	U							
Benzo(ghi)perylene, Low Level Soil	ug/Kg	1.900	U							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259 Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	M03LSPK002	105297-002		12/23/2003	0632

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)
Equipment Code....: ICP4
Batch.....: 105441
Analyst...: tds

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits
Sodium, Solid	mg/Kg	862.19		1000.00	86.70 U	86	%	80-120
Thallium, Solid	mg/Kg	9.69		10.00	0.66 U	97	%	80-120

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank	105297	105297-001		12/23/2003	0626

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP4
Batch.....: 105441

Analyst...: tds

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Sodium, Solid	mg/Kg	86.70	U							
Thallium, Solid	mg/Kg	0.66	U							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MD	Method Duplicate		223259-2		12/23/2003	0651

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP4
Batch.....: 105441

Analyst...: tds

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value		QC Calc.	*	Limits
Sodium, Solid	mg/Kg	435.51				416.45		19.05	A	117.15
Thallium, Solid	mg/Kg	0.77	U			0.77	U	0	A	1.17

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	M03LSPK002	223259-2		12/23/2003	0657

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP4
Batch.....: 105441

Analyst...: tds

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Sodium, Solid	mg/Kg	1448.70		1160.00	416.45	89	%	75-125	
Thallium, Solid	mg/Kg	10.17		11.60	0.77 U	88	%	75-125	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	M03LSPK002	223259-2		12/23/2003	0727

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP4
Batch.....: 105441

Analyst...: tds

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits
Sodium, Solid	mg/Kg	1377.55	1448.70	1150.00	416.45		84	%	75-125
							5.8	R	20
Thallium, Solid	mg/Kg	10.05	10.17	11.50	0.76	U	87	%	75-125
							1.1	R	20

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
SD	Serial Dilution		223259-2		12/23/2003	0645

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP4
Batch.....: 105441

Analyst...: tds

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Sodium, Solid	mg/Kg	105.11	U			416.45					
Thallium, Solid	mg/Kg	0.80	U			0.80	U				

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP3
Batch.....: 105442

Analyst...: tds

LCS	Laboratory Control Sample	M03LSPK002	105297-002		12/22/2003	1824

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits
Aluminum, Solid	mg/Kg	195.67		200.00	6.47	B	98	%	80-120
Antimony, Solid	mg/Kg	41.39		50.00	0.90	U	83	%	80-120
Arsenic, Solid	mg/Kg	8.75		10.00	0.51	U	87	%	80-120
Barium, Solid	mg/Kg	185.55		200.00	0.16	U	93	%	80-120
Beryllium, Solid	mg/Kg	4.40		5.00	0.04	U	88	%	80-120
Cadmium, Solid	mg/Kg	4.52		5.00	0.08	U	90	%	80-120
Calcium, Solid	mg/Kg	927.76		1000.00	13.74		93	%	80-120
Chromium, Solid	mg/Kg	18.71		20.00	0.22	U	94	%	80-120
Cobalt, Solid	mg/Kg	45.82		50.00	0.14	U	92	%	80-120
Copper, Solid	mg/Kg	23.74		25.00	0.90	U	95	%	80-120
Iron, Solid	mg/Kg	92.43		100.00	3.00	U	92	%	80-120
Lead, Solid	mg/Kg	9.61		10.00	0.43	U	96	%	80-120
Magnesium, Solid	mg/Kg	930.18		1000.00	4.64	B	93	%	80-120
Manganese, Solid	mg/Kg	47.56		50.00	0.13	U	95	%	80-120
Nickel, Solid	mg/Kg	45.83		50.00	0.25	U	92	%	80-120
Potassium, Solid	mg/Kg	850.26		1000.00	14.38	B	85	%	80-120
Selenium, Solid	mg/Kg	9.48		10.00	0.40	U	95	%	80-120
Silver, Solid	mg/Kg	4.58		5.00	0.31	U	92	%	80-120
Vanadium, Solid	mg/Kg	46.12		50.00	0.21	U	92	%	80-120
Zinc, Solid	mg/Kg	46.11		50.00	0.68	B	92	%	80-120

LCS	Laboratory Control Sample	M03LSPK002	105121-002		12/22/2003	1922

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Aluminum	mg/L	2.00596		2.00000	0.04342	B	100	%	80-120	
Antimony	mg/L	0.47602		0.50000	0.01180	U	95	%	80-120	
Arsenic	mg/L	0.09600		0.10000	0.00520	U	96	%	80-120	
Barium	mg/L	1.95227		2.00000	0.00150	U	98	%	80-120	
Beryllium	mg/L	0.04619		0.05000	0.00017	U	92	%	80-120	
Cadmium	mg/L	0.04704		0.05000	0.00044	U	94	%	80-120	
Calcium	mg/L	9.70230		10.00000	0.11947		97	%	80-120	
Chromium	mg/L	0.19570		0.20000	0.00150	U	98	%	80-120	
Cobalt	mg/L	0.47958		0.50000	0.00100	U	96	%	80-120	
Copper	mg/L	0.25164		0.25000	0.00160	U	101	%	80-120	
Iron	mg/L	0.96049		1.00000	0.03960	U	96	%	80-120	
Lead	mg/L	0.09850		0.10000	0.00290	U	98	%	80-120	
Magnesium	mg/L	9.74035		10.00000	0.01240	U	97	%	80-120	
Manganese	mg/L	0.49749		0.50000	0.00160	B	99	%	80-120	
Nickel	mg/L	0.47752		0.50000	0.00190	U	96	%	80-120	
Potassium	mg/L	8.91666		10.00000	0.11000	U	89	%	80-120	
Selenium	mg/L	0.10093		0.10000	0.00500	U	101	%	80-120	
Silver	mg/L	0.04857		0.05000	0.00310	U	97	%	80-120	
Vanadium	mg/L	0.48349		0.50000	0.00210	U	97	%	80-120	
Zinc	mg/L	0.48378		0.50000	0.01020	U	97	%	80-120	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259 Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 6010B Equipment Code....: ICP3 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 105442

MB	Method Blank	105297	105297-001		12/22/2003	1817

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	6.47	B						
Antimony, Solid	mg/Kg	0.90	U						
Arsenic, Solid	mg/Kg	0.51	U						
Barium, Solid	mg/Kg	0.16	U						
Beryllium, Solid	mg/Kg	0.04	U						
Cadmium, Solid	mg/Kg	0.08	U						
Calcium, Solid	mg/Kg	13.74							H
Chromium, Solid	mg/Kg	0.22	U						
Cobalt, Solid	mg/Kg	0.14	U						
Copper, Solid	mg/Kg	0.90	U						
Iron, Solid	mg/Kg	3.00	U						
Lead, Solid	mg/Kg	0.43	U						
Magnesium, Solid	mg/Kg	4.64	B						
Manganese, Solid	mg/Kg	0.13	U						
Nickel, Solid	mg/Kg	0.25	U						
Potassium, Solid	mg/Kg	14.38	B						
Selenium, Solid	mg/Kg	0.40	U						
Silver, Solid	mg/Kg	0.31	U						
Vanadium, Solid	mg/Kg	0.21	U						
Zinc, Solid	mg/Kg	0.68	B						

MB	Method Blank	105121	105121-001		12/22/2003	1915

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum	mg/L	0.04342	B						
Antimony	mg/L	0.01180	U						
Arsenic	mg/L	0.00520	U						
Barium	mg/L	0.00150	U						
Beryllium	mg/L	0.00017	U						
Cadmium	mg/L	0.00044	U						
Calcium	mg/L	0.11947							H
Chromium	mg/L	0.00150	U						
Cobalt	mg/L	0.00100	U						
Copper	mg/L	0.00160	U						
Iron	mg/L	0.03960	U						
Lead	mg/L	0.00290	U						
Magnesium	mg/L	0.01240	U						
Manganese	mg/L	0.00160	B						
Nickel	mg/L	0.00190	U						
Potassium	mg/L	0.11000	U						
Selenium	mg/L	0.00500	U						
Silver	mg/L	0.00310	U						
Vanadium	mg/L	0.00210	U						
Zinc	mg/L	0.01020	U						

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MD	Method Duplicate		223259-2		12/22/2003	1844

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP3
Batch.....: 105442

Analyst...: tds

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value		QC Calc.	*	Limits
Aluminum, Solid	mg/Kg	15074.92				15123.03		0.3	R	20.0
Antimony, Solid	mg/Kg	1.05	U			1.05	U	0.53	A	2.34
Arsenic, Solid	mg/Kg	8.60				8.31		3.5	R	20.0
Barium, Solid	mg/Kg	139.49				139.50		0.0	R	20.0
Beryllium, Solid	mg/Kg	0.28	B			0.21	B	0.07	A	0.47
Cadmium, Solid	mg/Kg	0.09	U			0.09	U	0.23	A	0.23
Calcium, Solid	mg/Kg	2404.10				2254.06		6.4	R	20.0
Chromium, Solid	mg/Kg	18.51				18.59		0.5	R	20.0
Cobalt, Solid	mg/Kg	8.26				10.73		26.0	R	20.0
Copper, Solid	mg/Kg	15.75				15.30		2.9	R	20.0
Iron, Solid	mg/Kg	20243.86				19607.41		3.2	R	20.0
Lead, Solid	mg/Kg	13.14				15.76		18.1	R	20.0
Magnesium, Solid	mg/Kg	3066.23				2922.09		4.8	R	20.0
Manganese, Solid	mg/Kg	599.09				726.69		19.2	R	20.0
Nickel, Solid	mg/Kg	17.15				16.83		1.9	R	20.0
Potassium, Solid	mg/Kg	1504.52				1597.79		6.0	R	20.0
Selenium, Solid	mg/Kg	0.62	B			0.87	B	0.25	A	1.17
Silver, Solid	mg/Kg	0.36	U			0.36	U	0.03	A	0.59
Vanadium, Solid	mg/Kg	37.14				37.91		2.1	R	20.0
Zinc, Solid	mg/Kg	50.18				48.32		3.8	R	20.0

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP3
Batch.....: 105442

Analyst...: tds

MS	Matrix Spike	M03LSPK002	223259-2		12/22/2003	1851

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	18985.38		231.90	15123.03		1665	%	75-125	4
Antimony, Solid	mg/Kg	22.01		57.98	1.04	U	38	%	75-125	N
Arsenic, Solid	mg/Kg	19.17		11.60	8.31		94	%	75-125	
Barium, Solid	mg/Kg	370.08		231.90	139.50		99	%	75-125	
Beryllium, Solid	mg/Kg	5.01		5.80	0.21	B	86	%	75-125	
Cadmium, Solid	mg/Kg	4.91		5.80	0.09	U	85	%	75-125	
Calcium, Solid	mg/Kg	3360.14		1160.00	2254.06		95	%	75-125	
Chromium, Solid	mg/Kg	42.32		23.19	18.59		102	%	75-125	
Cobalt, Solid	mg/Kg	58.73		57.98	10.73		83	%	75-125	
Copper, Solid	mg/Kg	41.84		28.99	15.30		92	%	75-125	
Iron, Solid	mg/Kg	20708.13		116.00	19607.41		949	%	75-125	4
Lead, Solid	mg/Kg	24.06		11.60	15.76		72	%	75-125	N
Magnesium, Solid	mg/Kg	4310.70		1160.00	2922.09		120	%	75-125	
Manganese, Solid	mg/Kg	715.64		57.98	726.69		-19	%	75-125	4
Nickel, Solid	mg/Kg	67.75		57.98	16.83		88	%	75-125	
Potassium, Solid	mg/Kg	3038.93		1160.00	1597.79		124	%	75-125	
Selenium, Solid	mg/Kg	10.89		11.60	0.87	B	94	%	75-125	
Silver, Solid	mg/Kg	5.20		5.80	0.36	U	90	%	75-125	
Vanadium, Solid	mg/Kg	97.12		57.98	37.91		102	%	75-125	
Zinc, Solid	mg/Kg	99.28		57.98	48.32		88	%	75-125	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259 Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	M03LSPK002	223259-2		12/22/2003	1857

Test Method.....: 6010B Equipment Code....: ICP3 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 105442

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	
Aluminum, Solid	mg/Kg	18310.10	18985.38	230.00	15123.03		1386	%	75-125	
							18.3	R	20	
Antimony, Solid	mg/Kg	23.61	22.01	57.50	1.04	U	41	%	75-125	N
							7.6	R	20	
Arsenic, Solid	mg/Kg	18.08	19.17	11.50	8.31		85	%	75-125	
							10.1	R	20	
Barium, Solid	mg/Kg	380.36	370.08	230.00	139.50		105	%	75-125	
							5.9	R	20	
Beryllium, Solid	mg/Kg	4.95	5.01	5.75	0.21	B	86	%	75-125	
							0.0	R	20	
Cadmium, Solid	mg/Kg	4.90	4.91	5.75	0.09	U	85	%	75-125	
							0.0	R	20	
Calcium, Solid	mg/Kg	3098.00	3360.14	1150.00	2254.06		73	%	75-125	
							26.2	R	20	
Chromium, Solid	mg/Kg	41.22	42.32	23.00	18.59		98	%	75-125	
							4.0	R	20	
Cobalt, Solid	mg/Kg	57.58	58.73	57.50	10.73		81	%	75-125	
							2.4	R	20	
Copper, Solid	mg/Kg	40.74	41.84	28.75	15.30		88	%	75-125	
							4.4	R	20	
Iron, Solid	mg/Kg	19847.20	20708.13	115.00	19607.41		209	%	75-125	4
							127.8	R	20	
Lead, Solid	mg/Kg	23.06	24.06	11.50	15.76		63	%	75-125	
							13.3	R	20	
Magnesium, Solid	mg/Kg	4177.52	4310.70	1150.00	2922.09		109	%	75-125	
							9.6	R	20	
Manganese, Solid	mg/Kg	567.06	715.64	57.50	726.69		-278	%	75-125	
							-174.4	R	20	
Nickel, Solid	mg/Kg	66.20	67.75	57.50	16.83		86	%	75-125	
							2.3	R	20	
Potassium, Solid	mg/Kg	2976.90	3038.93	1150.00	1597.79		120	%	75-125	
							3.3	R	20	
Selenium, Solid	mg/Kg	10.41	10.89	11.50	0.87	B	90	%	75-125	
							4.3	R	20	
Silver, Solid	mg/Kg	5.15	5.20	5.75	0.36	U	90	%	75-125	
							0.0	R	20	
Vanadium, Solid	mg/Kg	94.58	97.12	57.50	37.91		99	%	75-125	
							3.0	R	20	
Zinc, Solid	mg/Kg	98.03	99.28	57.50	48.32		86	%	75-125	
							2.3	R	20	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
SD	Serial Dilution		223259-2		12/22/2003	1837

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP3
Batch.....: 105442

Analyst...: tds

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	3206.83			15123.03	6.0	D	10.0	
Antimony, Solid	mg/Kg	1.09	U		1.09	U			
Arsenic, Solid	mg/Kg	1.29			8.31				
Barium, Solid	mg/Kg	29.46			139.50	5.6	D	10.0	
Beryllium, Solid	mg/Kg	0.05	U		0.21	B			
Cadmium, Solid	mg/Kg	0.10	U		0.10	U			
Calcium, Solid	mg/Kg	474.33			2254.06	5.2	D	10.0	
Chromium, Solid	mg/Kg	3.96			18.59	6.4	D	10.0	
Cobalt, Solid	mg/Kg	2.06			10.73	4.0	D	10.0	
Copper, Solid	mg/Kg	2.98			15.30				
Iron, Solid	mg/Kg	4175.42			19607.41	6.5	D	10.0	
Lead, Solid	mg/Kg	3.04			15.76				
Magnesium, Solid	mg/Kg	622.34			2922.09	6.5	D	10.0	
Manganese, Solid	mg/Kg	154.42			726.69	6.2	D	10.0	
Nickel, Solid	mg/Kg	3.45			16.83	2.6	D	10.0	
Potassium, Solid	mg/Kg	321.73			1597.79	0.7	D	10.0	
Selenium, Solid	mg/Kg	0.56	B		0.87	B			
Silver, Solid	mg/Kg	0.38	U		0.38	U			
Vanadium, Solid	mg/Kg	7.78			37.91	2.6	D	10.0	
Zinc, Solid	mg/Kg	10.28			48.32	6.3	D	10.0	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP4
Batch.....: 106151

Analyst...: lmr

LCS	Laboratory Control Sample	M03LSPK002	105950-002		12/31/2003	2134

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits
Aluminum, Solid	mg/Kg	180.32		200.00	2.40 U	90	%	80-120
Antimony, Solid	mg/Kg	42.18		50.00	0.90 U	84	%	80-120
Arsenic, Solid	mg/Kg	8.96		10.00	0.51 U	90	%	80-120
Barium, Solid	mg/Kg	182.04		200.00	0.16 U	91	%	80-120
Beryllium, Solid	mg/Kg	4.44		5.00	0.04 U	89	%	80-120
Cadmium, Solid	mg/Kg	4.38		5.00	0.08 U	88	%	80-120
Calcium, Solid	mg/Kg	915.71		1000.00	5.49 B	92	%	80-120
Chromium, Solid	mg/Kg	18.05		20.00	0.22 U	90	%	80-120
Cobalt, Solid	mg/Kg	44.39		50.00	0.14 U	89	%	80-120
Iron, Solid	mg/Kg	98.47		100.00	5.39	98	%	80-120
Lead, Solid	mg/Kg	9.58		10.00	0.43 U	96	%	80-120
Magnesium, Solid	mg/Kg	898.41		1000.00	1.70 U	90	%	80-120
Manganese, Solid	mg/Kg	45.93		50.00	0.13 U	92	%	80-120
Nickel, Solid	mg/Kg	44.58		50.00	0.25 U	89	%	80-120
Potassium, Solid	mg/Kg	755.42		1000.00	13.80 U	76	%	80-120
Selenium, Solid	mg/Kg	8.34		10.00	0.40 U	83	%	80-120
Silver, Solid	mg/Kg	4.41		5.00	0.31 U	88	%	80-120
Sodium, Solid	mg/Kg	871.76		1000.00	86.70 U	87	%	80-120
Thallium, Solid	mg/Kg	10.61		10.00	0.66 U	106	%	80-120
Zinc, Solid	mg/Kg	43.47		50.00	0.40 U	87	%	80-120

LCS	Laboratory Control Sample	M03LSPK002	105710-002		01/01/2004	0233

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Calcium	mg/L	9.55726		10.00000	0.24100	96	%	80-120	
Magnesium	mg/L	9.29076		10.00000	0.01240 U	93	%	80-120	
Sodium	mg/L	9.11482		10.00000	0.49500 U	91	%	80-120	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP4
Batch.....: 106151

Analyst...: lmr

MB	Method Blank	105950	105950-001		12/31/2003	2128

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	2.40	U							
Antimony, Solid	mg/Kg	0.90	U							
Arsenic, Solid	mg/Kg	0.51	U							
Barium, Solid	mg/Kg	0.16	U							
Beryllium, Solid	mg/Kg	0.04	U							
Cadmium, Solid	mg/Kg	0.08	U							
Calcium, Solid	mg/Kg	5.49	B							
Chromium, Solid	mg/Kg	0.22	U							
Cobalt, Solid	mg/Kg	0.14	U							
Iron, Solid	mg/Kg	5.39								H
Lead, Solid	mg/Kg	0.43	U							
Magnesium, Solid	mg/Kg	1.70	U							
Manganese, Solid	mg/Kg	0.13	U							
Nickel, Solid	mg/Kg	0.25	U							
Potassium, Solid	mg/Kg	13.80	U							
Selenium, Solid	mg/Kg	0.40	U							
Silver, Solid	mg/Kg	0.31	U							
Sodium, Solid	mg/Kg	86.70	U							
Thallium, Solid	mg/Kg	0.66	U							
Zinc, Solid	mg/Kg	0.40	U							

MB	Method Blank	105710	105710-001		01/01/2004	0227

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Calcium	mg/L	0.24100								H
Magnesium	mg/L	0.01240	U							
Sodium	mg/L	0.49500	U							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	M03LSPK002	106027-002		01/02/2004	2101

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP4
Batch.....: 106223

Analyst...: lmr

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits
Calcium	mg/L	9.47271		10.00000		95	%	80-120

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP4
Batch.....: 106223

Analyst...: lmr

MB	Method Blank	106027	106027-001		01/02/2004	2054

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Calcium	mg/L	0.17393							H

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	M03LSPK002	106163-002		01/05/2004	1732

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP4
Batch.....: 106343

Analyst...: tds

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits
Copper, Solid	mg/Kg	23.84		25.00	0.90 U	95	%	80-120

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank	106163	106163-001		01/05/2004	1726

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP4
Batch.....: 106343

Analyst...: tds

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Copper, Solid	mg/Kg	0.90 U							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP3
Batch.....: 106347

Analyst...: tds

LCS	Laboratory Control Sample	M03LSPK002	105950-002		01/03/2004	1157

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits
Vanadium, Solid	mg/Kg	46.63		50.00	0.21 U	93	%	80-120

LCS	Laboratory Control Sample	M03LSPK002	106170-002		01/03/2004	1611

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Vanadium	mg/L	0.49711		0.50000	0.00210 U	99	%	80-120	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution factor	Date	Time

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP3
Batch.....: 106347

Analyst...: tds

MB	Method Blank	105950	105950-001		01/03/2004	1150

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Vanadium, Solid	mg/Kg	0.21	U						

MB	Method Blank	106170	106170-001		01/03/2004	1604

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Vanadium	mg/L	0.00210	U						

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 223259 Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Test Method.....: Method Batch.....: 105402 Analyst...: clb
Method Description.: % Solids Determination Equipment Code....: Test Code.: %SOLID
Parameter.....: % Solids

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Tim
MB	105402-001		%	0.1000 U								12/22/2003	2130

Test Method.....: Method Batch.....: 105417 Analyst...: lmr
Method Description.: % Solids Determination Equipment Code....: Test Code.: %SOLID
Parameter.....: % Solids

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Tim
MB	105417-001		%	0.1000 U								12/23/2003	1040

Test Method.....: 7471A Batch.....: 105498 Analyst...: gok
Method Description.: Mercury (CVAA) Solids Equipment Code....: HG3 Test Code.: HG
Parameter.....: Mercury

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Tim
MB	105489-007		mg/Kg	0.00 U								12/23/2003	1330
LCS	105489-008	M02ESTK010	mg/Kg	0.18		0.17	0.00 U	105		%	80-120	12/23/2003	1332

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

REPORT COMMENTS

1) All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.
2) Soil, sediment and sludge sample results are reported on a "dry weight" basis except when analyzed for landfill disposal or incineration parameters. All other solid matrix samples are reported on an "as received" basis unless noted differently.
3) Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.
4) The test results for the noted analytical method(s) meet the requirements of NELAC. Lab Cert. ID# 100201
5) According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH Field) they were not analyzed immediately, but as soon as possible on laboratory receipt.

Glossary of flags, qualifiers and abbreviations (any number of which may appear in the report)

Inorganic Qualifiers (Q-Column)

U	Analyte was not detected at or above the stated limit.
<	Not detected at or above the reporting limit.
J	Result is less than the RL, but greater than or equal to the method detection limit.
B	Result is less than the CRDL/RL, but greater than or equal to the IDL/MDL.
S	Result was determined by the Method of Standard Additions.
F	AFCEE: Result is less than the RL, but greater than or equal to the method detection limit.

Inorganic Flags (Flag Column)

'	ICV,CCV,ICB,CCB,ISA,ISB,CRI,CRA,MRL: Instrument related QC exceed the upper or lower control limits.
*	LCS, LCD, MD: Batch QC exceeds the upper or lower control limits.
+	MSA correlation coefficient is less than 0.995.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
E	SD: Serial dilution exceeds the control limits.
H	MB, EB1, EB2, EB3: Batch QC is greater than reporting limit or had a negative instrument reading lower than the absolute value of the reporting limit.
N	MS, MSD: Spike recovery exceeds the upper or lower control limits.
W	AS(GFAA) Post-digestion spike was outside 85-115% control limits.

Organic Qualifiers (Q - Column)

U	Analyte was not detected at or above the stated limit.
ND	Compound not detected.
J	Result is an estimated value below the reporting limit or a tentatively identified compound (TIC).
Q	Result was qualitatively confirmed, but not quantified.
C	Pesticide identification was confirmed by GC/MS.
Y	The chromatographic response resembles a typical fuel pattern.
Z	The chromatographic response does not resemble a typical fuel pattern.
E	Result exceeded calibration range, secondary dilution required.
F	AFCEE:Result is an estimated value below the reporting limit or a tentatively identified compound (TIC)

Organic Flags (Flags Column)

B	MB: Batch QC is greater than reporting limit.
*	LCS, LCD, ELC, ELD, CV, MS, MSD, Surrogate: Batch QC exceeds the upper or lower control limits.
'	EB1, EB2, EB3, MLE: Batch QC is greater than reporting Limit
A	Concentration exceeds the instrument calibration range
a	Concentration is below the method Reporting Limit (RL)
B	Compound was found in the blank and sample.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution will be flagged with a D.
H	Alternate peak selection upon analytical review
I	Indicates the presence of an interfence, recovery is not calculated.
M	Manually integrated compound.
P	The lower of the two values is reported when the % difference between the results of two GC columns is

greater than 25%.

Abbreviations

AS	Post Digestion Spike (GFAA Samples - See Note 1 below)
Batch	Designation given to identify a specific extraction, digestion, preparation set, or analysis set
CAP	Capillary Column CCB Continuing Calibration Blank
CCV	Continuing Calibration Verification
CF	Confirmation analysis of original
C1	Confirmation analysis of A1 or D1
C2	Confirmation analysis of A2 or D2
C3	Confirmation analysis of A3 or D3
CRA	Low Level Standard Check - GFAA; Mercury
CRI	Low Level Standard Check - ICP
CV	Calilbration Verification Standard
Dil Fac	Dilution Factor - Secondary dilution analysis
D1	Dilution 1
D2	Dilution 2
D3	Dilution 3
DLFac	Detection Limit Factor
DSH	Distilled Standard - High Level
DSL	Distilled Standard - Low Level
DSM	Distilled Standard - Medium Level
EB1	Extraction Blank 1
EB2	Extraction Blank 2
EB3	DI Blank
ELC	Method Extracted LCS
ELD	Method Extracted LCD
ICAL	Initial calibration
ICB	Initial Calibration Blank
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ISA	Interference Check Sample A - ICAP
ISB	Interference Check Sample B - ICAP
Job No.	The first six digits of the sample ID which refers to a specific client, project and sample group
	Lab ID An 8 number unique laboratory identification
LCD	Laboratory Control Standard Duplicate
LCS	Laboratory Control Standard with reagent grade water or a matrix free from the analyte of interest
MB	Method Blank or (PB) Preparation Blank
MD	Method Duplicate
MDL	Method Detection Limit
MLE	Medium Level Extraction Blank
MRL	Method Reporting Limit Standard
MSA	Method of Standard Additions
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Not Detected
PREPF	Preparation factor used by the Laboratory's Information Management System (LIMS)
PDS	Post Digestion Spike (ICAP)
RA	Re-analysis of original
A1	Re-analysis of D1
A2	Re-analysis of D2
A3	Re-analysis of D3
RD	Re-extraction of dilution
RE	Re-extraction of original
RC	Re-extraction Confirmation
RL	Reporting Limit
RPD	Relative Percent Difference of duplicate (unrounded) analyses
RRF	Relative Response Factor
RT	Retention Time

RTW	Retention Time Window Sample ID A 9 digit number unique for each sample, the first six digits are referred as the job number
SCB	Seeded Control Blank
SD	Serial Dilution (Calculated when sample concentration exceeds 50 times the MDL)
UCB	Unseeded Control Blank
SSV	Second Source Verification Standard
SLCS	Solid Laboratory Control Standard(LCS)
PHC	pH Calibration Check LCSP pH Laboratory Control Sample
LCDP	pH Laboratory Control Sample Duplicate
MDPH	pH Sample Duplicate
MDFP	Flashpoint Sample Duplicate
LCFP	Flashpoint LCS
G1	Gelex Check Standard Range 0-1
G2	Gelex Check Standard Range 1-10
G3	Gelex Check Standard Range 10-100
G4	Gelex Check Standard Range 100-1000

Note 1: The Post Spike Designation on Batch QC for GFAA is designated with an "S" added to the current abbreviation used. EX. LCS S=LCS Post Spike (GFAA); MSS=MS Post Spike (GFAA)
Note 2: The MD calculates an absolute difference (A) when the sample concentration is less than 5 times the reporting limit. The control limit is represented as +/- the RL.

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SEVERN TRENT LABORATORIES ANALYTICAL REPORT

JOB NUMBER: 225738

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Project: GSA - SLOP - Investigation

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Date: 04/23/2004

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This Report Contains (90) Pages

Severn Trent Laboratories - Chicago
METALS CASE NARRATIVE

Client: SCS Engineers, Inc.
Project: GSA-SLOP
STL#: 225738

Date Rec'd: 04/09/04

1. This narrative covers Metals analysis of samples in the above Job 225738.

   Method Refs: USEPA, SW-846

2. All analyses were performed within the required holding times.

3. All Initial and Continuing Calibration Verification (ICV/CCV's) were within control limits.

4. All Initial and Continuing Calibration Blanks (ICB/CCB's) were within control limits.

5. All ICP Interference (ICSA/ICSAB) Check Standards were within control limits.

6. All Preparation/Method Blanks were less than the Reporting Limit, except Digestion Prep #114510 for Fe (6.00 mg/Kg), all samples were 10X the Method Blank therefore no reanalysis was performed.

7. Laboratory Control Sample (LCS) recoveries were within the 80-120% control limits.

8. Matrix QC performed on Samples 2 (ICP).

   All Serial dilution analysis were within control limits, except Al, Ca, Cr, Fe, Pb, Mg, Ni, Zn.

   Matrix Spike recoveries were within the 75-125% control limits except for As (MS), Pb, K-, and Sb (MS/MSD). (Note: Control limits are not applicable when the sample concentration exceeds the spike added concentration by a factor of 4 or more.)

   Duplicate analysis were within the 20% RPD control limits for sample concentrations greater than 5X the RL or +\- the RL for sample concentrations less than 5X the RL, except for Pb.

(b) (6) [redacted]

Jodi L. Wojcik
Metals Section Manager

4-21-04
Date

STL Chicago
Extractable Hydrocarbon Case Narrative

SCS Engineers
GSA – SLOP - Investigation
Job #: 225738-18
Diesel Range Organics (DRO)

1. The soil sample was extracted based on SW846 method 3550. The extracts were analyzed for DRO based on SW846 method 8015B. An HP5890 gas chromatograph equipped with a flame ionization detector and Xti-5 column was used for the analysis.

2. All required holding times were met for the extraction and the analysis.

3. The method blank was below the reporting limit for DRO.

4. The surrogate compounds used for this analysis were o-Terphenyl and 2-Fluorobiphenyl. All surrogate recoveries were within statistical control limits.

5. The blank spike recovery was within statistical control limits. A solution of Diesel Fuel was used for spiking.

6. A matrix spike and a matrix spike duplicate were not performed on this sample.

7. A Diesel Fuel #2 standard was used for quantitating DRO results, using a hydrocarbon range from C10 through C28. An alkane standard ranging from C8 through C36 was analyzed to establish retention time windows.

8. All initial and continuing standard calibrations associated with this sample were in control.

9. This sample did not have DRO detected.

(b) (6) [redacted]

Patti Gibson
Organics Section Manager

4/22/64
Date

Severn Trent Laboratories Chicago
GC Volatile Case Narrative

SCS Engineers, Inc./GSA-SLOP
JOB# 225738
Method - GRO

1. All required holding times were met for the analysis.

2. The MB (Method Blank) sample was clean (no detectable GRO).

3. The surrogate compounds used for this analysis were 4-Bromofluorobenzene and a,a,a-Trifluorotoluene. All samples had all surrogate recoveries within the in-house generated QC limits.

4. The LCS (Laboratory Control Sample) sample had the spike recovery within the in-house generated QC limits.

5. MS/MSD (Matrix Spike/Matrix Spike Duplicate) analyses were not performed on this sample batch.

6. All initial calibration and calibration verification standards were within the control limits.

7. The samples were analyzed for Gasoline Range Organics (GRO) based on SW846 methods 5030 and 8015B. A HP 5890 gas chromatograph equipped with a flame-ionization detector (FID) and a Tekmar LSC 2000/2016 ALS was used for the analysis of these samples. The samples were analyzed using the low-level method. All results were reported on a dry-weight basis.

(b) (6) [redacted]

Gary Rynkar
GC/VOA Section Manager

4/22/14
Date

Severn Trent Laboratories - Chicago
GC/MS BNA Case Narrative

SCS Engineering, Inc./GSA-SLOP
Job Number: 225738
BNA DATA:

1. All extractions and analyses were performed within recommended hold times.

2. The MB (Method Blank) had all target compounds below the contract required quantitation limit (CRQL).

3. A full list BNA LCS (Laboratory Control Sample) spike solution was spiked in the LCS. In-house statistical recovery limits and the 11 method control compounds were used for QC evaluation. All control spike recoveries were within the QC limits in the LCS.

4. A MS/MSD (Matrix Spike/Matrix Spike Duplicate) analysis was not performed.

5. The BNA surrogate spike solution was spiked in all samples. All samples had all surrogate recoveries within in-house generated QC limits.

6. All analyses were performed following USEPA SW846 8270C protocol. All samples had internal standard areas and retention times within the acceptance limits as compared to the corresponding calibration verification standard.

7. The samples were extracted and analyzed as low-level soils; therefore, normal detection limits apply. The results are on a dry weight basis.

(b) (6) [redacted]

Gary Rynkar
GC/MS Section Manager

4/23/14
Date

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SAMPLE INFORMATION
Date: 04/23/2004

Job Number.: 225738
Customer...: SCS Engineers, Inc.
Attn.....: David Brewer

Project Number.....: 20002601
Customer Project ID....: GSA - SLOP
Project Description....: GSA - SLOP - Investigation

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
225738-1	112 SS 30 (SHALLOW)	Soil	04/07/2004	15:05	04/09/2004	08:40
225738-2	112 SS 27 (SHALLOW)	Soil	04/07/2004	14:45	04/09/2004	08:40
225738-3	112 SS 26 (DEEP)	Soil	04/07/2004	14:40	04/09/2004	08:40
225738-4	112 SS 28 (SHALLOW)	Soil	04/07/2004	14:50	04/09/2004	08:40
225738-5	112 SS 25 (DEEP)	Soil	04/07/2004	14:15	04/09/2004	08:40
225738-6	112 PRESS VALT SS23	Soil	04/07/2004	13:45	04/09/2004	08:40
225738-7	112 PRESS VALT SS24	Soil	04/07/2004	14:05	04/09/2004	08:40
225738-8	TUNNEL SUMP 1	Soil	04/08/2004	13:15	04/09/2004	08:40
225738-9	102D SS-1(DEEP)	Soil	04/08/2004	09:15	04/09/2004	08:40
225738-10	112 ~~SAMPLE 45 SHAVINGS~~ SS-45	Soil	04/07/2004	16:30	04/09/2004	08:40
225738-11	102D SS-2(DEEP)	Soil	04/08/2004	09:30	04/09/2004	08:40
225738-12	102D SS-5 (DEEP)	Soil	04/08/2004	10:20	04/09/2004	08:40
225738-13	PCB WIPE TUNNEL 104F	Wipe	04/08/2004	13:20	04/09/2004	08:40
225738-14	112 PCB WIPE 4	Wipe	04/07/2004	11:45	04/09/2004	08:40
225738-15	112 PCB WIPE 5	Wipe	04/07/2004	11:50	04/09/2004	08:40
225738-16	E112T SED	Soil	04/05/2004	16:10	04/09/2004	08:40
225738-17	112 UTILITY TUNNEL	Soil	04/05/2004	16:00	04/09/2004	08:40
225738-18	110 SS-1 DP	Soil	04/06/2004	15:30	04/09/2004	08:40
225738-19	112 TUNNEL SED1 TS1	Soil	04/05/2004	16:05	04/09/2004	08:40
225738-20	B102C SOIL FROM TANK	Soil	04/06/2004	17:41	04/09/2004	08:40
225738-21	B112 TUNNEL S	Soil	04/05/2004	16:20	04/09/2004	08:40
225738-22	B112 TUNNEL SED N	Soil	04/05/2004	16:15	04/09/2004	08:40
225738-23	B112 T SED FAR SOUTH Change?	Soil	04/05/2004	16:25	04/09/2004	08:40
225738-24	B104 T.SED IN SUMP	Soil	04/05/2004	16:30	04/09/2004	08:40

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 SS 30 (SHALLOW)
Date Sampled.....: 04/07/2004
Time Sampled.....: 15:05
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-1
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	80.1			0.10	0.10	1	%	114387		04/12/04 1030	pfk
	% Moisture, Solid	19.9			0.10	0.10	1	%	114387		04/12/04 1030	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	18	100	5.00000	ug/Kg	115518		04/22/04 1729	bab
	Aroclor 1221, Solid*	ND		U	41	100	5.00000	ug/Kg	115518		04/22/04 1729	bab
	Aroclor 1232, Solid*	ND		U	19	100	5.00000	ug/Kg	115518		04/22/04 1729	bab
	Aroclor 1242, Solid*	ND		U	39	100	5.00000	ug/Kg	115518		04/22/04 1729	bab
	Aroclor 1248, Solid*	ND		U	14	100	5.00000	ug/Kg	115518		04/22/04 1729	bab
	Aroclor 1254, Solid*	ND		U	17	100	5.00000	ug/Kg	115518		04/22/04 1729	bab
	Aroclor 1260, Solid*	340			15	100	5.00000	ug/Kg	115518		04/22/04 1729	bab
6010B	Metals Analysis (ICAP Trace)											
	Arsenic, Solid*	13			0.60	1.2	1	mg/Kg	114626		04/14/04 1807	tds
	Lead, Solid*	60			0.51	0.59	1	mg/Kg	114626		04/14/04 1807	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 SS 27 (SHALLOW)
Date Sampled.....: 04/07/2004
Time Sampled.....: 14:45
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-2
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	86.3			0.10	0.10	1	%	114387		04/12/04 1030	pfk
	% Moisture, Solid	13.7			0.10	0.10	1	%	114387		04/12/04 1030	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	3.3	19	1.00000	ug/Kg	115518		04/22/04 1915	bab
	Aroclor 1221, Solid*	ND		U	7.6	19	1.00000	ug/Kg	115518		04/22/04 1915	bab
	Aroclor 1232, Solid*	ND		U	3.4	19	1.00000	ug/Kg	115518		04/22/04 1915	bab
	Aroclor 1242, Solid*	ND		U	7.2	19	1.00000	ug/Kg	115518		04/22/04 1915	bab
	Aroclor 1248, Solid*	ND		U	2.6	19	1.00000	ug/Kg	115518		04/22/04 1915	bab
	Aroclor 1254, Solid*	ND		U	3.1	19	1.00000	ug/Kg	115518		04/22/04 1915	bab
	Aroclor 1260, Solid*	43			2.8	19	1.00000	ug/Kg	115518		04/22/04 1915	bab
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.051			0.0050	0.019	1	mg/Kg	114797		04/15/04 1500	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	10000			2.5	21	1	mg/Kg	114626		04/14/04 1814	tds
	Antimony, Solid*	1.5		B	0.94	2.1	1	mg/Kg	114726		04/15/04 0024	tds
	Arsenic, Solid*	28			0.54	1.0	1	mg/Kg	114626		04/14/04 1814	tds
	Barium, Solid*	110			0.17	1.0	1	mg/Kg	114626		04/14/04 1814	tds
	Beryllium, Solid*	0.39		B	0.046	0.42	1	mg/Kg	114626		04/14/04 1814	tds
	Cadmium, Solid*	ND		U	0.084	0.21	1	mg/Kg	114626		04/14/04 1814	tds
	Calcium, Solid*	3500			3.3	10	1	mg/Kg	114626		04/14/04 1814	tds
	Chromium, Solid*	14			0.23	1.0	1	mg/Kg	114626		04/14/04 1814	tds
	Cobalt, Solid*	7.0			0.15	0.52	1	mg/Kg	114626		04/14/04 1814	tds
	Copper, Solid*	14			0.94	1.0	1	mg/Kg	114626		04/14/04 1814	tds
	Iron, Solid*	15000			3.1	5.2	1	mg/Kg	114626		04/14/04 1814	tds
	Lead, Solid*	37			0.45	0.52	1	mg/Kg	114626		04/14/04 1814	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 SS 27 (SHALLOW)
Date Sampled.....: 04/07/2004
Time Sampled.....: 14:45
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-2
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Magnesium, Solid*	2400			1.8	10	1	mg/Kg	114626		04/14/04 1814	tds
	Manganese, Solid*	500			0.14	1.0	1	mg/Kg	114626		04/14/04 1814	tds
	Nickel, Solid*	15			0.26	1.0	1	mg/Kg	114626		04/14/04 1814	tds
	Potassium, Solid*	940			14	52	1	mg/Kg	114626		04/14/04 1814	tds
	Selenium, Solid*	ND	U		0.42	1.0	1	mg/Kg	114626		04/14/04 1814	tds
	Silver, Solid*	ND	U		0.33	0.52	1	mg/Kg	114626		04/14/04 1814	tds
	Sodium, Solid*	430			91	100	1	mg/Kg	114726		04/15/04 0024	tds
	Thallium, Solid*	ND	U		0.69	1.0	1	mg/Kg	114726		04/15/04 0024	tds
	Vanadium, Solid*	28			0.22	0.52	1	mg/Kg	114626		04/14/04 1814	tds
	Zinc, Solid*	39			0.42	2.1	1	mg/Kg	114626		04/14/04 1814	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 SS 26 (DEEP)
Date Sampled.....: 04/07/2004
Time Sampled.....: 14:40
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-3
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	75.7			0.10	0.10	1	%	114387		04/12/04 1030	pfk
	% Moisture, Solid	24.3			0.10	0.10	1	%	114387		04/12/04 1030	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	3.8	22	1.00000	ug/Kg	115518		04/22/04 1950	bab
	Aroclor 1221, Solid*	ND		U	8.8	22	1.00000	ug/Kg	115518		04/22/04 1950	bab
	Aroclor 1232, Solid*	ND		U	3.9	22	1.00000	ug/Kg	115518		04/22/04 1950	bab
	Aroclor 1242, Solid*	ND		U	8.2	22	1.00000	ug/Kg	115518		04/22/04 1950	bab
	Aroclor 1248, Solid*	ND		U	3.0	22	1.00000	ug/Kg	115518		04/22/04 1950	bab
	Aroclor 1254, Solid*	ND		U	3.5	22	1.00000	ug/Kg	115518		04/22/04 1950	bab
	Aroclor 1260, Solid*	ND		U	3.3	22	1.00000	ug/Kg	115518		04/22/04 1950	bab
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.031			0.0057	0.022	1	mg/Kg	114797		04/15/04 1502	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	13000			3.1	26	1	mg/Kg	114626		04/14/04 1848	tds
	Antimony, Solid*	1.5		B	1.1	2.6	1	mg/Kg	114726		04/15/04 0055	tds
	Arsenic, Solid*	7.9			0.65	1.3	1	mg/Kg	114626		04/14/04 1848	tds
	Barium, Solid*	110			0.20	1.3	1	mg/Kg	114626		04/14/04 1848	tds
	Beryllium, Solid*	0.51		B	0.056	0.51	1	mg/Kg	114626		04/14/04 1848	tds
	Cadmium, Solid*	ND		U	0.10	0.26	1	mg/Kg	114626		04/14/04 1848	tds
	Calcium, Solid*	3500			4.0	13	1	mg/Kg	114626		04/14/04 1848	tds
	Chromium, Solid*	20			0.28	1.3	1	mg/Kg	114626		04/14/04 1848	tds
	Cobalt, Solid*	6.5			0.18	0.64	1	mg/Kg	114626		04/14/04 1848	tds
	Copper, Solid*	16			1.1	1.3	1	mg/Kg	114626		04/14/04 1848	tds
	Iron, Solid*	21000			3.8	6.4	1	mg/Kg	114626		04/14/04 1848	tds
	Lead, Solid*	19			0.55	0.64	1	mg/Kg	114626		04/14/04 1848	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 SS 26 (DEEP)
Date Sampled.....: 04/07/2004
Time Sampled.....: 14:40
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-3
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Magnesium, Solid*	3100			2.2	13	1	mg/Kg	114626		04/14/04 1848	tds
	Manganese, Solid*	410			0.17	1.3	1	mg/Kg	114626		04/14/04 1848	tds
	Nickel, Solid*	20			0.32	1.3	1	mg/Kg	114626		04/14/04 1848	tds
	Potassium, Solid*	1400			18	64	1	mg/Kg	114626		04/14/04 1848	tds
	Selenium, Solid*	0.73	B		0.51	1.3	1	mg/Kg	114626		04/14/04 1848	tds
	Silver, Solid*	ND	U		0.40	0.64	1	mg/Kg	114626		04/14/04 1848	tds
	Sodium, Solid*	340			110	130	1	mg/Kg	114626		04/14/04 1848	tds
	Thallium, Solid*	ND	U		0.84	1.3	1	mg/Kg	114726		04/15/04 0055	tds
	Vanadium, Solid*	34			0.27	0.64	1	mg/Kg	114626		04/14/04 1848	tds
	Zinc, Solid*	55			0.51	2.6	1	mg/Kg	114626		04/14/04 1848	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 SS 28 (SHALLOW)
Date Sampled.....: 04/07/2004
Time Sampled.....: 14:50
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-4
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	86.9			0.10	0.10	1	%	114387		04/12/04 1030	pfk
	% Moisture, Solid	13.1			0.10	0.10	1	%	114387		04/12/04 1030	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	17	96	5.00000	ug/Kg	115518		04/22/04 2026	bab
	Aroclor 1221, Solid*	ND		U	38	96	5.00000	ug/Kg	115518		04/22/04 2026	bab
	Aroclor 1232, Solid*	ND		U	17	96	5.00000	ug/Kg	115518		04/22/04 2026	bab
	Aroclor 1242, Solid*	ND		U	36	96	5.00000	ug/Kg	115518		04/22/04 2026	bab
	Aroclor 1248, Solid*	ND		U	13	96	5.00000	ug/Kg	115518		04/22/04 2026	bab
	Aroclor 1254, Solid*	ND		U	15	96	5.00000	ug/Kg	115518		04/22/04 2026	bab
	Aroclor 1260, Solid*	160			14	96	5.00000	ug/Kg	115518		04/22/04 2026	bab
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.13			0.0049	0.019	1	mg/Kg	114797		04/15/04 1511	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	12000			2.7	22	1	mg/Kg	114626		04/14/04 1854	tds
	Antimony, Solid*	1.9		B	1.0	2.2	1	mg/Kg	114726		04/15/04 0101	tds
	Arsenic, Solid*	20			0.57	1.1	1	mg/Kg	114626		04/14/04 1854	tds
	Barium, Solid*	160			0.18	1.1	1	mg/Kg	114626		04/14/04 1854	tds
	Beryllium, Solid*	0.49			0.049	0.45	1	mg/Kg	114626		04/14/04 1854	tds
	Cadmium, Solid*	0.19		B	0.089	0.22	1	mg/Kg	114626		04/14/04 1854	tds
	Calcium, Solid*	6800			3.5	11	1	mg/Kg	114626		04/14/04 1854	tds
	Chromium, Solid*	17			0.25	1.1	1	mg/Kg	114626		04/14/04 1854	tds
	Cobalt, Solid*	7.8			0.16	0.56	1	mg/Kg	114626		04/14/04 1854	tds
	Copper, Solid*	30			1.0	1.1	1	mg/Kg	114626		04/14/04 1854	tds
	Iron, Solid*	18000			3.3	5.6	1	mg/Kg	114626		04/14/04 1854	tds
	Lead, Solid*	44			0.48	0.56	1	mg/Kg	114626		04/14/04 1854	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738 Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 SS 28 (SHALLOW)
Date Sampled.....: 04/07/2004
Time Sampled.....: 14:50
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-4
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Magnesium, Solid*	3200			1.9	11	1	mg/Kg	114626		04/14/04 1854	tds
	Manganese, Solid*	510			0.14	1.1	1	mg/Kg	114626		04/14/04 1854	tds
	Nickel, Solid*	17			0.28	1.1	1	mg/Kg	114626		04/14/04 1854	tds
	Potassium, Solid*	1300			15	56	1	mg/Kg	114626		04/14/04 1854	tds
	Selenium, Solid*	ND	U		0.45	1.1	1	mg/Kg	114626		04/14/04 1854	tds
	Silver, Solid*	ND	U		0.35	0.56	1	mg/Kg	114626		04/14/04 1854	tds
	Sodium, Solid*	1100			97	110	1	mg/Kg	114626		04/14/04 1854	tds
	Thallium, Solid*	ND	U		0.74	1.1	1	mg/Kg	114726		04/15/04 0101	tds
	Vanadium, Solid*	32			0.23	0.56	1	mg/Kg	114626		04/14/04 1854	tds
	Zinc, Solid*	58			0.45	2.2	1	mg/Kg	114626		04/14/04 1854	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 SS 25 (DEEP)
Date Sampled.....: 04/07/2004
Time Sampled.....: 14:15
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-5
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	73.9			0.10	0.10	1	%	114387		04/12/04 1030	pfk
	% Moisture, Solid	26.1			0.10	0.10	1	%	114387		04/12/04 1030	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	3.8	22	1.00000	ug/Kg	115518		04/22/04 2101	bab
	Aroclor 1221, Solid*	ND		U	8.9	22	1.00000	ug/Kg	115518		04/22/04 2101	bab
	Aroclor 1232, Solid*	ND		U	4.0	22	1.00000	ug/Kg	115518		04/22/04 2101	bab
	Aroclor 1242, Solid*	ND		U	8.3	22	1.00000	ug/Kg	115518		04/22/04 2101	bab
	Aroclor 1248, Solid*	ND		U	3.0	22	1.00000	ug/Kg	115518		04/22/04 2101	bab
	Aroclor 1254, Solid*	ND		U	3.6	22	1.00000	ug/Kg	115518		04/22/04 2101	bab
	Aroclor 1260, Solid*	ND		U	3.3	22	1.00000	ug/Kg	115518		04/22/04 2101	bab
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.020		B	0.0058	0.022	1	mg/Kg	114797		04/15/04 1514	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	16000			3.1	26	1	mg/Kg	114626		04/14/04 1930	tds
	Antimony, Solid*	1.5		B	1.2	2.6	1	mg/Kg	114726		04/15/04 0108	tds
	Arsenic, Solid*	4.5			0.66	1.3	1	mg/Kg	114626		04/14/04 1930	tds
	Barium, Solid*	99			0.21	1.3	1	mg/Kg	114626		04/14/04 1930	tds
	Beryllium, Solid*	0.59			0.057	0.51	1	mg/Kg	114626		04/14/04 1930	tds
	Cadmium, Solid*	ND		U	0.10	0.26	1	mg/Kg	114626		04/14/04 1930	tds
	Calcium, Solid*	22000			4.0	13	1	mg/Kg	114626		04/14/04 1930	tds
	Chromium, Solid*	21			0.28	1.3	1	mg/Kg	114626		04/14/04 1930	tds
	Cobalt, Solid*	6.7			0.18	0.64	1	mg/Kg	114626		04/14/04 1930	tds
	Copper, Solid*	12			1.2	1.3	1	mg/Kg	114626		04/14/04 1930	tds
	Iron, Solid*	16000			3.9	6.4	1	mg/Kg	114626		04/14/04 1930	tds
	Lead, Solid*	14			0.55	0.64	1	mg/Kg	114626		04/14/04 1930	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 SS 25 (DEEP)
Date Sampled.....: 04/07/2004
Time Sampled.....: 14:15
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-5
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Magnesium, Solid*	5400			2.2	13	1	mg/Kg	114626		04/14/04 1930	tds
	Manganese, Solid*	280			0.17	1.3	1	mg/Kg	114626		04/14/04 1930	tds
	Nickel, Solid*	13			0.32	1.3	1	mg/Kg	114626		04/14/04 1930	tds
	Potassium, Solid*	1100			18	64	1	mg/Kg	114626		04/14/04 1930	tds
	Selenium, Solid*	ND	U		0.51	1.3	1	mg/Kg	114626		04/14/04 1930	tds
	Silver, Solid*	ND	U		0.40	0.64	1	mg/Kg	114626		04/14/04 1930	tds
	Sodium, Solid*	590			110	130	1	mg/Kg	114626		04/14/04 1930	tds
	Thallium, Solid*	ND	U		0.85	1.3	1	mg/Kg	114726		04/15/04 0108	tds
	Vanadium, Solid*	32			0.27	0.64	1	mg/Kg	114626		04/14/04 1930	tds
	Zinc, Solid*	36			0.51	2.6	1	mg/Kg	114626		04/14/04 1930	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 PRESS VALT SS23
Date Sampled.....: 04/07/2004
Time Sampled.....: 13:45
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-6
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	80.5			0.10	0.10	1	%	114387		04/12/04 1030	pfk
	% Moisture, Solid	19.5			0.10	0.10	1	%	114387		04/12/04 1030	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	3.6	21	1.00000	ug/Kg	115518		04/22/04 2137	bab
	Aroclor 1221, Solid*	ND		U	8.3	21	1.00000	ug/Kg	115518		04/22/04 2137	bab
	Aroclor 1232, Solid*	ND		U	3.7	21	1.00000	ug/Kg	115518		04/22/04 2137	bab
	Aroclor 1242, Solid*	ND		U	7.8	21	1.00000	ug/Kg	115518		04/22/04 2137	bab
	Aroclor 1248, Solid*	ND		U	2.8	21	1.00000	ug/Kg	115518		04/22/04 2137	bab
	Aroclor 1254, Solid*	ND		U	3.3	21	1.00000	ug/Kg	115518		04/22/04 2137	bab
	Aroclor 1260, Solid*	ND		U	3.1	21	1.00000	ug/Kg	115518		04/22/04 2137	bab
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.032			0.0053	0.020	1	mg/Kg	114797		04/15/04 1516	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	11000			2.8	23	1	mg/Kg	114626		04/14/04 1937	tds
	Antimony, Solid*	1.1		B	1.0	2.3	1	mg/Kg	114726		04/15/04 0140	tds
	Arsenic, Solid*	2.9			0.59	1.2	1	mg/Kg	114626		04/14/04 1937	tds
	Barium, Solid*	75			0.19	1.2	1	mg/Kg	114626		04/14/04 1937	tds
	Beryllium, Solid*	0.43		B	0.051	0.46	1	mg/Kg	114626		04/14/04 1937	tds
	Cadmium, Solid*	ND		U	0.093	0.23	1	mg/Kg	114626		04/14/04 1937	tds
	Calcium, Solid*	2300			3.6	12	1	mg/Kg	114626		04/14/04 1937	tds
	Chromium, Solid*	17			0.25	1.2	1	mg/Kg	114626		04/14/04 1937	tds
	Cobalt, Solid*	6.6			0.16	0.58	1	mg/Kg	114626		04/14/04 1937	tds
	Copper, Solid*	10			1.0	1.2	1	mg/Kg	114626		04/14/04 1937	tds
	Iron, Solid*	14000			3.5	5.8	1	mg/Kg	114626		04/14/04 1937	tds
	Lead, Solid*	17			0.50	0.58	1	mg/Kg	114626		04/14/04 1937	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 PRESS VALT SS23
Date Sampled.....: 04/07/2004
Time Sampled.....: 13:45
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-6
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Magnesium, Solid*	2100			2.0	12	1	mg/Kg	114626		04/14/04 1937	tds
	Manganese, Solid*	250			0.15	1.2	1	mg/Kg	114626		04/14/04 1937	tds
	Nickel, Solid*	11			0.29	1.2	1	mg/Kg	114626		04/14/04 1937	tds
	Potassium, Solid*	520			16	58	1	mg/Kg	114626		04/14/04 1937	tds
	Selenium, Solid*	ND	U		0.46	1.2	1	mg/Kg	114626		04/14/04 1937	tds
	Silver, Solid*	ND	U		0.36	0.58	1	mg/Kg	114626		04/14/04 1937	tds
	Sodium, Solid*	220			100	120	1	mg/Kg	114626		04/14/04 1937	tds
	Thallium, Solid*	ND	U		0.76	1.2	1	mg/Kg	114726		04/15/04 0140	tds
	Vanadium, Solid*	29			0.24	0.58	1	mg/Kg	114626		04/14/04 1937	tds
	Zinc, Solid*	29			0.46	2.3	1	mg/Kg	114626		04/14/04 1937	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 PRESS VALT SS24
Date Sampled.....: 04/07/2004
Time Sampled.....: 14:05
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-7
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	99.3			0.10	0.10	1	%	114387		04/12/04 1030	pfk
	% Moisture, Solid	0.70			0.10	0.10	1	%	114387		04/12/04 1030	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		2.8	16	1.00000	ug/Kg	115518		04/22/04 2247	bab
	Aroclor 1221, Solid*	ND	U		6.6	16	1.00000	ug/Kg	115518		04/22/04 2247	bab
	Aroclor 1232, Solid*	ND	U		2.9	16	1.00000	ug/Kg	115518		04/22/04 2247	bab
	Aroclor 1242, Solid*	ND	U		6.2	16	1.00000	ug/Kg	115518		04/22/04 2247	bab
	Aroclor 1248, Solid*	ND	U		2.3	16	1.00000	ug/Kg	115518		04/22/04 2247	bab
	Aroclor 1254, Solid*	ND	U		2.7	16	1.00000	ug/Kg	115518		04/22/04 2247	bab
	Aroclor 1260, Solid*	ND	U		2.5	16	1.00000	ug/Kg	115518		04/22/04 2247	bab
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	ND	U		0.0043	0.017	1	mg/Kg	114797		04/15/04 1518	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	1500			2.2	18	1	mg/Kg	114626		04/14/04 1944	tds
	Antimony, Solid*	ND	U		0.83	1.8	1	mg/Kg	114726		04/15/04 0148	tds
	Arsenic, Solid*	0.91	B		0.47	0.92	1	mg/Kg	114626		04/14/04 1944	tds
	Barium, Solid*	10			0.15	0.92	1	mg/Kg	114626		04/14/04 1944	tds
	Beryllium, Solid*	ND	U		0.041	0.37	1	mg/Kg	114626		04/14/04 1944	tds
	Cadmium, Solid*	ND	U		0.074	0.18	1	mg/Kg	114626		04/14/04 1944	tds
	Calcium, Solid*	1100			2.9	9.2	1	mg/Kg	114626		04/14/04 1944	tds
	Chromium, Solid*	5.1			0.20	0.92	1	mg/Kg	114626		04/14/04 1944	tds
	Cobalt, Solid*	3.8			0.13	0.46	1	mg/Kg	114626		04/14/04 1944	tds
	Copper, Solid*	2.4			0.83	0.92	1	mg/Kg	114626		04/14/04 1944	tds
	Iron, Solid*	4500			2.8	4.6	1	mg/Kg	114626		04/14/04 1944	tds
	Lead, Solid*	2.2			0.40	0.46	1	mg/Kg	114726		04/15/04 0148	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 PRESS VALT SS24
Date Sampled.....: 04/07/2004
Time Sampled.....: 14:05
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-7
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Magnesium, Solid*	970			1.6	9.2	1	mg/Kg	114626		04/14/04 1944	tds
	Manganese, Solid*	77			0.12	0.92	1	mg/Kg	114626		04/14/04 1944	tds
	Nickel, Solid*	9.5			0.23	0.92	1	mg/Kg	114626		04/14/04 1944	tds
	Potassium, Solid*	140			13	46	1	mg/Kg	114626		04/14/04 1944	tds
	Selenium, Solid*	ND	U		0.37	0.92	1	mg/Kg	114626		04/14/04 1944	tds
	Silver, Solid*	ND	U		0.29	0.46	1	mg/Kg	114626		04/14/04 1944	tds
	Sodium, Solid*	ND	U		80	92	1	mg/Kg	114626		04/14/04 1944	tds
	Thallium, Solid*	ND	U		0.61	0.92	1	mg/Kg	114726		04/15/04 0148	tds
	Vanadium, Solid*	5.9			0.19	0.46	1	mg/Kg	114626		04/14/04 1944	tds
	Zinc, Solid*	12			0.37	1.8	1	mg/Kg	114626		04/14/04 1944	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: TUNNEL SUMP 1
Date Sampled.....: 04/08/2004
Time Sampled.....: 13:15
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-8
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	81.5			0.10	0.10	1	%	114387		04/12/04 1030	pfk
	% Moisture, Solid	18.5			0.10	0.10	1	%	114387		04/12/04 1030	pfk
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	1.1			0.026	0.10	5	mg/Kg	114797		04/15/04 1557	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	6100			2.8	23	1	mg/Kg	114626		04/14/04 1950	tds
	Antimony, Solid*	20			1.0	2.3	1	mg/Kg	114726		04/15/04 0207	tds
	Arsenic, Solid*	34			0.59	1.2	1	mg/Kg	114626		04/14/04 1950	tds
	Barium, Solid*	2100			0.18	1.2	1	mg/Kg	114626		04/14/04 1950	tds
	Beryllium, Solid*	0.13	B		0.051	0.46	1	mg/Kg	114626		04/14/04 1950	tds
	Cadmium, Solid*	19			0.092	0.23	1	mg/Kg	114626		04/14/04 1950	tds
	Calcium, Solid*	75000			3.6	12	1	mg/Kg	114626		04/14/04 1950	tds
	Chromium, Solid*	170			0.25	1.2	1	mg/Kg	114626		04/14/04 1950	tds
	Cobalt, Solid*	18			0.16	0.58	1	mg/Kg	114626		04/14/04 1950	tds
	Copper, Solid*	1200			1.0	1.2	1	mg/Kg	114626		04/14/04 1950	tds
	Iron, Solid*	200000			17	29	5	mg/Kg	114726		04/15/04 0157	tds
	Lead, Solid*	2600			0.49	0.58	1	mg/Kg	114626		04/14/04 1950	tds
	Magnesium, Solid*	6800			2.0	12	1	mg/Kg	114626		04/14/04 1950	tds
	Manganese, Solid*	1400			0.15	1.2	1	mg/Kg	114626		04/14/04 1950	tds
	Nickel, Solid*	100			0.29	1.2	1	mg/Kg	114626		04/14/04 1950	tds
	Potassium, Solid*	600			16	58	1	mg/Kg	114626		04/14/04 1950	tds
	Selenium, Solid*	1.9			0.46	1.2	1	mg/Kg	114726		04/15/04 0207	tds
	Silver, Solid*	0.41	B		0.36	0.58	1	mg/Kg	114626		04/14/04 1950	tds
	Sodium, Solid*	ND	U		100	120	1	mg/Kg	114726		04/15/04 0207	tds
	Thallium, Solid*	ND	U		0.76	1.2	1	mg/Kg	114726		04/15/04 0207	tds
	Vanadium, Solid*	16			0.24	0.58	1	mg/Kg	114626		04/14/04 1950	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: TUNNEL SUMP 1
Date Sampled.....: 04/08/2004
Time Sampled.....: 13:15
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-8
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Zinc, Solid*	6400			2.3	12	5	mg/Kg	114726		04/15/04 0157	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738 Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 102D SS-1(DEEP)
Date Sampled.....: 04/08/2004
Time Sampled.....: 09:15
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-9
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Soil*	ND		U	2.2	230	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Bis(2-chloroethyl)ether, Low Level Soil*	ND		U	2.7	91	1.00000	ug/Kg	115446		04/15/04 1648	glr
	1,3-Dichlorobenzene, Low Level Soil*	ND		U	110	230	1.00000	ug/Kg	115446		04/15/04 1648	glr
	1,4-Dichlorobenzene, Low Level Soil*	ND		U	97	230	1.00000	ug/Kg	115446		04/15/04 1648	glr
	1,2-Dichlorobenzene, Low Level Soil*	ND		U	110	230	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Benzyl alcohol, Low Level Soil*	ND		U	130	910	1.00000	ug/Kg	115446		04/15/04 1648	glr
	2-Methylphenol (o-cresol), Low Level Soil*	ND		U	11	91	1.00000	ug/Kg	115446		04/15/04 1648	glr
	2,2-oxybis (1-chloropropane), Low Level S*il	ND		U	100	230	1.00000	ug/Kg	115446		04/15/04 1648	glr
	n-Nitroso-di-n-propylamine, Low Level Soi*	ND		U	3.1	45	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Hexachloroethane, Low Level Soil*	ND		U	4.5	230	1.00000	ug/Kg	115446		04/15/04 1648	glr
	4-Methylphenol (m/p-cresol), Low Level So*l	ND		U	7.9	91	1.00000	ug/Kg	115446		04/15/04 1648	glr
	2-Chlorophenol, Low Level Soil*	ND		U	80	230	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Nitrobenzene, Low Level Soil*	ND		U	3.4	45	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Bis(2-chloroethoxy)methane, Low Level Soi*	ND		U	4.0	91	1.00000	ug/Kg	115446		04/15/04 1648	glr
	1,2,4-Trichlorobenzene, Low Level Soil*	ND		U	80	230	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Benzoic acid, Low Level Soil*	ND		U	130	910	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Isophorone, Low Level Soil*	ND		U	3.3	230	1.00000	ug/Kg	115446		04/15/04 1648	glr
	2,4-Dimethylphenol, Low Level Soil*	ND		U	82	450	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Hexachlorobutadiene, Low Level Soil*	ND		U	4.5	230	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Naphthalene, Low Level Soil*	ND		U	2.3	45	1.00000	ug/Kg	115446		04/15/04 1648	glr
	2,4-Dichlorophenol, Low Level Soil*	ND		U	65	450	1.00000	ug/Kg	115446		04/15/04 1648	glr
	4-Chloroaniline, Low Level Soil*	ND		U	140	910	1.00000	ug/Kg	115446		04/15/04 1648	glr
	2,4,6-Trichlorophenol, Low Level Soil*	ND		U	64	230	1.00000	ug/Kg	115446		04/15/04 1648	glr
	2,4,5-Trichlorophenol, Low Level Soil*	ND		U	52	450	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Hexachlorocyclopentadiene, Low Level Soil*	ND		U	74	910	1.00000	ug/Kg	115446		04/15/04 1648	glr
	2-Methylnaphthalene, Low Level Soil*	15		J	2.0	45	1.00000	ug/Kg	115446		04/15/04 1648	glr
	2-Nitroaniline, Low Level Soil*	ND		U	46	230	1.00000	ug/Kg	115446		04/15/04 1648	glr
	2-Chloronaphthalene, Low Level Soil*	ND		U	65	230	1.00000	ug/Kg	115446		04/15/04 1648	glr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 102D SS-1(DEEP)
Date Sampled.....: 04/08/2004
Time Sampled.....: 09:15
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-9
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Soil*	ND	U		52	450	1.00000	ug/Kg	115446		04/15/04 1648	glr
	2,6-Dinitrotoluene, Low Level Soil*	ND	U		3.0	45	1.00000	ug/Kg	115446		04/15/04 1648	glr
	2-Nitrophenol, Low Level Soil*	ND	U		86	450	1.00000	ug/Kg	115446		04/15/04 1648	glr
	3-Nitroaniline, Low Level Soil*	ND	U		150	910	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Dimethyl phthalate, Low Level Soil*	ND	U		4.9	91	1.00000	ug/Kg	115446		04/15/04 1648	glr
	2,4-Dinitrophenol, Low Level Soil*	ND	U		160	910	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Acenaphthylene, Low Level Soil*	ND	U		1.2	45	1.00000	ug/Kg	115446		04/15/04 1648	glr
	2,4-Dinitrotoluene, Low Level Soil*	ND	U		2.3	45	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Acenaphthene, Low Level Soil*	5.9	J		1.9	45	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Dibenzofuran, Low Level Soil*	ND	U		3.7	91	1.00000	ug/Kg	115446		04/15/04 1648	glr
	4-Nitrophenol, Low Level Soil*	ND	U		110	910	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Fluorene, Low Level Soil*	8.3	J		2.2	45	1.00000	ug/Kg	115446		04/15/04 1648	glr
	4-Nitroaniline, Low Level Soil*	ND	U		53	910	1.00000	ug/Kg	115446		04/15/04 1648	glr
	4-Bromophenyl phenyl ether, Low Level Soi*	ND	U		4.2	230	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Hexachlorobenzene, Low Level Soil*	ND	U		2.5	45	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Diethyl phthalate, Low Level Soil*	ND	U		5.0	91	1.00000	ug/Kg	115446		04/15/04 1648	glr
	4-Chlorophenyl phenyl ether, Low Level So*l	ND	U		4.9	230	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Pentachlorophenol, Low Level Soil*	ND	U		140	450	1.00000	ug/Kg	115446		04/15/04 1648	glr
	n-Nitrosodiphenylamine, Low Level Soil*	ND	U		4.0	45	1.00000	ug/Kg	115446		04/15/04 1648	glr
	4,6-Dinitro-2-methylphenol, Low Level Soi*	ND	U		130	910	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Phenanthrene, Low Level Soil*	45			1.4	45	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Anthracene, Low Level Soil*	6.5	J		1.2	45	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Carbazole, Low Level Soil*	ND	U		48	230	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Di-n-butyl phthalate, Low Level Soil*	ND	U		27	230	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Benzidine, Low Level Soil*	ND	U		900	4500	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Fluoranthene, Low Level Soil*	28	J		1.5	45	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Pyrene, Low Level Soil*	31	J		2.7	45	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Butyl benzyl phthalate, Low Level Soil*	ND	U		5.6	91	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Benzo(a)anthracene, Low Level Soil*	16	J		1.5	45	1.00000	ug/Kg	115446		04/15/04 1648	glr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738 Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 102D SS-1(DEEP)
Date Sampled.....: 04/08/2004
Time Sampled.....: 09:15
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-9
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Chrysene, Low Level Soil*	17	J		2.5	45	1.00000	ug/Kg	115446		04/15/04 1648	glr
	3,3-Dichlorobenzidine, Low Level Soil*	ND	U		25	230	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Bis(2-ethylhexyl)phthalate, Low Level Soi*	40	J		13	230	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Di-n-octyl phthalate, Low Level Soil*	ND	U		12	450	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Benzo(b)fluoranthene, Low Level Soil*	16	J	H	2.9	45	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Benzo(k)fluoranthene, Low Level Soil*	ND	U		3.8	45	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Benzo(a)pyrene, Low Level Soil*	18	J		3.0	45	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Indeno(1,2,3-cd)pyrene, Low Level Soil*	24	J		2.9	45	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Dibenzo(a,h)anthracene, Low Level Soil*	21	J		3.0	45	1.00000	ug/Kg	115446		04/15/04 1648	glr
	Benzo(ghi)perylene, Low Level Soil*	27	J		2.6	45	1.00000	ug/Kg	115446		04/15/04 1648	glr
Method	% Solids Determination											
	% Solids, Solid	72.3			0.10	0.10	1	%	114387		04/12/04 1030	pfk
	% Moisture, Solid	27.7			0.10	0.10	1	%	114387		04/12/04 1030	pfk
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.033			0.0059	0.023	1	mg/Kg	114797		04/15/04 1523	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	16000			3.0	25	1	mg/Kg	114626		04/14/04 1957	tds
	Antimony, Solid*	1.7	B		1.1	2.5	1	mg/Kg	114726		04/15/04 0218	tds
	Arsenic, Solid*	4.9			0.65	1.3	1	mg/Kg	114626		04/14/04 1957	tds
	Barium, Solid*	100			0.20	1.3	1	mg/Kg	114626		04/14/04 1957	tds
	Beryllium, Solid*	0.56			0.056	0.51	1	mg/Kg	114626		04/14/04 1957	tds
	Cadmium, Solid*	ND	U		0.10	0.25	1	mg/Kg	114626		04/14/04 1957	tds
	Calcium, Solid*	2800			3.9	13	1	mg/Kg	114626		04/14/04 1957	tds
	Chromium, Solid*	20			0.28	1.3	1	mg/Kg	114626		04/14/04 1957	tds
	Cobalt, Solid*	10			0.18	0.63	1	mg/Kg	114626		04/14/04 1957	tds
	Copper, Solid*	14			1.1	1.3	1	mg/Kg	114626		04/14/04 1957	tds

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 102D SS-1(DEEP)
Date Sampled.....: 04/08/2004
Time Sampled.....: 09:15
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-9
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Iron, Solid*	22000			3.8	6.3	1	mg/Kg	114626		04/14/04 1957	tds
	Lead, Solid*	18			0.54	0.63	1	mg/Kg	114726		04/15/04 0218	tds
	Magnesium, Solid*	1800			2.2	13	1	mg/Kg	114626		04/14/04 1957	tds
	Manganese, Solid*	290			0.16	1.3	1	mg/Kg	114626		04/14/04 1957	tds
	Nickel, Solid*	12			0.32	1.3	1	mg/Kg	114626		04/14/04 1957	tds
	Potassium, Solid*	790			17	63	1	mg/Kg	114626		04/14/04 1957	tds
	Selenium, Solid*	ND	U		0.51	1.3	1	mg/Kg	114626		04/14/04 1957	tds
	Silver, Solid*	ND	U		0.39	0.63	1	mg/Kg	114626		04/14/04 1957	tds
	Sodium, Solid*	180			110	130	1	mg/Kg	114626		04/14/04 1957	tds
	Thallium, Solid*	ND	U		0.84	1.3	1	mg/Kg	114726		04/15/04 0218	tds
	Vanadium, Solid*	40			0.27	0.63	1	mg/Kg	114626		04/14/04 1957	tds
	Zinc, Solid*	41			0.51	2.5	1	mg/Kg	114626		04/14/04 1957	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 SAMPLE 4S SHAVINGS
Date Sampled.....: 04/07/2004
Time Sampled.....: 16:30
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-10
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	87.5			0.10	0.10	1	%	114387		04/12/04 1030	pfk
	% Moisture, Solid	12.5			0.10	0.10	1	%	114387		04/12/04 1030	pfk
6010B	Metals Analysis (ICAP Trace)											
	Lead, Solid*	110			0.45	0.52	1	mg/Kg	114626		04/14/04 2004	tds

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 225738 Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 102D SS-2(DEEP)
Date Sampled.....: 04/08/2004
Time Sampled.....: 09:30
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-11
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DI	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Soil*	ND	U		2.0	210	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Bis(2-chloroethyl)ether, Low Level Soil*	ND	U		2.5	85	1.00000	ug/Kg	115446		04/16/04 1831	glr
	1,3-Dichlorobenzene, Low Level Soil*	ND	U		100	210	1.00000	ug/Kg	115446		04/16/04 1831	glr
	1,4-Dichlorobenzene, Low Level Soil*	ND	U		90	210	1.00000	ug/Kg	115446		04/16/04 1831	glr
	1,2-Dichlorobenzene, Low Level Soil*	ND	U		100	210	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Benzyl alcohol, Low Level Soil*	ND	U		120	850	1.00000	ug/Kg	115446		04/16/04 1831	glr
	2-Methylphenol (o-cresol), Low Level Soil*	ND	U		11	85	1.00000	ug/Kg	115446		04/16/04 1831	glr
	2,2-oxybis (1-chloropropane), Low Level S*il	ND	U		95	210	1.00000	ug/Kg	115446		04/16/04 1831	glr
	n-Nitroso-di-n-propylamine, Low Level Soi*	ND	U		2.9	42	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Hexachloroethane, Low Level Soil*	ND	U		4.2	210	1.00000	ug/Kg	115446		04/16/04 1831	glr
	4-Methylphenol (m/p-cresol), Low Level So*l	ND	U		7.4	85	1.00000	ug/Kg	115446		04/16/04 1831	glr
	2-Chlorophenol, Low Level Soil*	ND	U		75	210	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Nitrobenzene, Low Level Soil*	ND	U		3.2	42	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Bis(2-chloroethoxy)methane, Low Level Soi*	ND	U		3.7	85	1.00000	ug/Kg	115446		04/16/04 1831	glr
	1,2,4-Trichlorobenzene, Low Level Soil*	ND	U		75	210	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Benzoic acid, Low Level Soil*	ND	U		120	850	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Isophorone, Low Level Soil*	ND	U		3.0	210	1.00000	ug/Kg	115446		04/16/04 1831	glr
	2,4-Dimethylphenol, Low Level Soil*	ND	U		76	420	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Hexachlorobutadiene, Low Level Soil*	ND	U		4.2	210	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Naphthalene, Low Level Soil*	ND	U		2.2	42	1.00000	ug/Kg	115446		04/16/04 1831	glr
	2,4-Dichlorophenol, Low Level Soil*	ND	U		61	420	1.00000	ug/Kg	115446		04/16/04 1831	glr
	4-Chloroaniline, Low Level Soil*	ND	U		130	850	1.00000	ug/Kg	115446		04/16/04 1831	glr
	2,4,6-Trichlorophenol, Low Level Soil*	ND	U		60	210	1.00000	ug/Kg	115446		04/16/04 1831	glr
	2,4,5-Trichlorophenol, Low Level Soil*	ND	U		48	420	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Hexachlorocyclopentadiene, Low Level Soil*	ND	U		69	850	1.00000	ug/Kg	115446		04/16/04 1831	glr
	2-Methylnaphthalene, Low Level Soil*	ND	U		1.9	42	1.00000	ug/Kg	115446		04/16/04 1831	glr
	2-Nitroaniline, Low Level Soil*	ND	U		43	210	1.00000	ug/Kg	115446		04/16/04 1831	glr
	2-Chloronaphthalene, Low Level Soil*	ND	U		61	210	1.00000	ug/Kg	115446		04/16/04 1831	glr

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 225738 Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 102D SS-2(DEEP)
Date Sampled.....: 04/08/2004
Time Sampled.....: 09:30
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-11
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Soil*	ND	U		48	420	1.00000	ug/Kg	115446		04/16/04 1831	glr
	2,6-Dinitrotoluene, Low Level Soil*	ND	U		2.8	42	1.00000	ug/Kg	115446		04/16/04 1831	glr
	2-Nitrophenol, Low Level Soil*	ND	U		80	420	1.00000	ug/Kg	115446		04/16/04 1831	glr
	3-Nitroaniline, Low Level Soil*	ND	U		140	850	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Dimethyl phthalate, Low Level Soil*	ND	U		4.6	85	1.00000	ug/Kg	115446		04/16/04 1831	glr
	2,4-Dinitrophenol, Low Level Soil*	ND	U		140	850	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Acenaphthylene, Low Level Soil*	ND	U		1.2	42	1.00000	ug/Kg	115446		04/16/04 1831	glr
	2,4-Dinitrotoluene, Low Level Soil*	ND	U		2.2	42	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Acenaphthene, Low Level Soil*	ND	U		1.8	42	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Dibenzofuran, Low Level Soil*	ND	U		3.4	85	1.00000	ug/Kg	115446		04/16/04 1831	glr
	4-Nitrophenol, Low Level Soil*	ND	U		100	850	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Fluorene, Low Level Soil*	ND	U		2.0	42	1.00000	ug/Kg	115446		04/16/04 1831	glr
	4-Nitroaniline, Low Level Soil*	ND	U		50	850	1.00000	ug/Kg	115446		04/16/04 1831	glr
	4-Bromophenyl phenyl ether, Low Level Soi*	ND	U		3.9	210	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Hexachlorobenzene, Low Level Soil*	ND	U		2.3	42	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Diethyl phthalate, Low Level Soil*	ND	U		4.7	85	1.00000	ug/Kg	115446		04/16/04 1831	glr
	4-Chlorophenyl phenyl ether, Low Level So*l	ND	U		4.6	210	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Pentachlorophenol, Low Level Soil*	ND	U		130	420	1.00000	ug/Kg	115446		04/16/04 1831	glr
	n-Nitrosodiphenylamine, Low Level Soil*	ND	U		3.7	42	1.00000	ug/Kg	115446		04/16/04 1831	glr
	4,6-Dinitro-2-methylphenol, Low Level Soi*	ND	U		120	850	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Phenanthrene, Low Level Soil*	ND	U		1.3	42	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Anthracene, Low Level Soil*	ND	U		1.1	42	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Carbazole, Low Level Soil*	ND	U		44	210	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Di-n-butyl phthalate, Low Level Soil*	ND	U		25	210	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Benzidine, Low Level Soil*	ND	U		830	4200	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Fluoranthene, Low Level Soil*	ND	U		1.4	42	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Pyrene, Low Level Soil*	ND	U		2.5	42	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Butyl benzyl phthalate, Low Level Soil*	ND	U		5.2	85	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Benzo(a)anthracene, Low Level Soil*	ND	U		1.4	42	1.00000	ug/Kg	115446		04/16/04 1831	glr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 102D SS-2(DEEP)
Date Sampled.....: 04/08/2004
Time Sampled.....: 09:30
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-11
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Chrysene, Low Level Soil*	ND	U		2.3	42	1.00000	ug/Kg	115446		04/16/04 1831	glr
	3,3-Dichlorobenzidine, Low Level Soil*	ND	U		23	210	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Bis(2-ethylhexyl)phthalate, Low Level Soi*	ND	U		12	210	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Di-n-octyl phthalate, Low Level Soil*	ND	U		11	420	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Benzo(b)fluoranthene, Low Level Soil*	ND	U		2.7	42	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Benzo(k)fluoranthene, Low Level Soil*	ND	U		3.6	42	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Benzo(a)pyrene, Low Level Soil*	ND	U		2.8	42	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Indeno(1,2,3-cd)pyrene, Low Level Soil*	8.9	J		2.7	42	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Dibenzo(a,h)anthracene, Low Level Soil*	10	J		2.8	42	1.00000	ug/Kg	115446		04/16/04 1831	glr
	Benzo(ghi)perylene, Low Level Soil*	9.6	J		2.4	42	1.00000	ug/Kg	115446		04/16/04 1831	glr
Method	% Solids Determination											
	% Solids, Solid	77.6			0.10	0.10	1	%	114387		04/12/04 1030	pfk
	% Moisture, Solid	22.4			0.10	0.10	1	%	114387		04/12/04 1030	pfk
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.014	B		0.0055	0.021	1	mg/Kg	114797		04/15/04 1525	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	16000			2.8	24	1	mg/Kg	114626		04/14/04 2011	tds
	Antimony, Solid*	1.6	B		1.1	2.4	1	mg/Kg	114726		04/15/04 0224	tds
	Arsenic, Solid*	5.3			0.61	1.2	1	mg/Kg	114626		04/14/04 2011	tds
	Barium, Solid*	230			0.19	1.2	1	mg/Kg	114626		04/14/04 2011	tds
	Beryllium, Solid*	2.2			0.052	0.47	1	mg/Kg	114626		04/14/04 2011	tds
	Cadmium, Solid*	ND	U		0.095	0.24	1	mg/Kg	114626		04/14/04 2011	tds
	Calcium, Solid*	4100			3.7	12	1	mg/Kg	114626		04/14/04 2011	tds
	Chromium, Solid*	21			0.26	1.2	1	mg/Kg	114626		04/14/04 2011	tds
	Cobalt, Solid*	21			0.17	0.59	1	mg/Kg	114626		04/14/04 2011	tds
	Copper, Solid*	14			1.1	1.2	1	mg/Kg	114626		04/14/04 2011	tds

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 1020 SS-2(DEEP)
Date Sampled.....: 04/08/2004
Time Sampled.....: 09:30
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-11
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Iron, Solid*	19000			3.6	5.9	1	mg/Kg	114626		04/14/04 2011	tds
	Lead, Solid*	25			0.51	0.59	1	mg/Kg	114626		04/14/04 2011	tds
	Magnesium, Solid*	2300			2.0	12	1	mg/Kg	114626		04/14/04 2011	tds
	Manganese, Solid*	1000			0.15	1.2	1	mg/Kg	114626		04/14/04 2011	tds
	Nickel, Solid*	42			0.30	1.2	1	mg/Kg	114626		04/14/04 2011	tds
	Potassium, Solid*	780			16	59	1	mg/Kg	114626		04/14/04 2011	tds
	Selenium, Solid*	ND	U		0.47	1.2	1	mg/Kg	114626		04/14/04 2011	tds
	Silver, Solid*	ND	U		0.37	0.59	1	mg/Kg	114626		04/14/04 2011	tds
	Sodium, Solid*	250			100	120	1	mg/Kg	114626		04/14/04 2011	tds
	Thallium, Solid*	ND	U		0.78	1.2	1	mg/Kg	114726		04/15/04 0224	tds
	Vanadium, Solid*	36			0.25	0.59	1	mg/Kg	114626		04/14/04 2011	tds
	Zinc, Solid*	27			0.47	2.4	1	mg/Kg	114626		04/14/04 2011	tds

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 225738 Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 102D SS-5 (DEEP)
Date Sampled.....: 04/08/2004
Time Sampled.....: 10:20
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-12
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8270C	Semivolatile Organics											
	Phenol, Low Level Soil*	ND	U		2.0	210	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Bis(2-chloroethyl)ether, Low Level Soil*	ND	U		2.5	82	1.00000	ug/Kg	115446		04/15/04 1743	glr
	1,3-Dichlorobenzene, Low Level Soil*	ND	U		97	210	1.00000	ug/Kg	115446		04/15/04 1743	glr
	1,4-Dichlorobenzene, Low Level Soil*	ND	U		87	210	1.00000	ug/Kg	115446		04/15/04 1743	glr
	1,2-Dichlorobenzene, Low Level Soil*	ND	U		97	210	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Benzyl alcohol, Low Level Soil*	ND	U		120	820	1.00000	ug/Kg	115446		04/15/04 1743	glr
	2-Methylphenol (o-cresol), Low Level Soil*	ND	U		10	82	1.00000	ug/Kg	115446		04/15/04 1743	glr
	2,2-oxybis (1-chloropropane), Low Level S*il	ND	U		92	210	1.00000	ug/Kg	115446		04/15/04 1743	glr
	n-Nitroso-di-n-propylamine, Low Level Soi*	ND	U		2.8	41	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Hexachloroethane, Low Level Soil*	ND	U		4.1	210	1.00000	ug/Kg	115446		04/15/04 1743	glr
	4-Methylphenol (m/p-cresol), Low Level So*l	ND	U		7.1	82	1.00000	ug/Kg	115446		04/15/04 1743	glr
	2-Chlorophenol, Low Level Soil*	ND	U		73	210	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Nitrobenzene, Low Level Soil*	ND	U		3.1	41	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Bis(2-chloroethoxy)methane, Low Level Soi*	ND	U		3.6	82	1.00000	ug/Kg	115446		04/15/04 1743	glr
	1,2,4-Trichlorobenzene, Low Level Soil*	ND	U		73	210	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Benzoic acid, Low Level Soil*	ND	U		120	820	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Isophorone, Low Level Soil*	ND	U		3.0	210	1.00000	ug/Kg	115446		04/15/04 1743	glr
	2,4-Dimethylphenol, Low Level Soil*	ND	U		74	410	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Hexachlorobutadiene, Low Level Soil*	ND	U		4.1	210	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Naphthalene, Low Level Soil*	ND	U		2.1	41	1.00000	ug/Kg	115446		04/15/04 1743	glr
	2,4-Dichlorophenol, Low Level Soil*	ND	U		59	410	1.00000	ug/Kg	115446		04/15/04 1743	glr
	4-Chloroaniline, Low Level Soil*	ND	U		120	820	1.00000	ug/Kg	115446		04/15/04 1743	glr
	2,4,6-Trichlorophenol, Low Level Soil*	ND	U		58	210	1.00000	ug/Kg	115446		04/15/04 1743	glr
	2,4,5-Trichlorophenol, Low Level Soil*	ND	U		47	410	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Hexachlorocyclopentadiene, Low Level Soil*	ND	U		66	820	1.00000	ug/Kg	115446		04/15/04 1743	glr
	2-Methylnaphthalene, Low Level Soil*	ND	U		1.8	41	1.00000	ug/Kg	115446		04/15/04 1743	glr
	2-Nitroaniline, Low Level Soil*	ND	U		42	210	1.00000	ug/Kg	115446		04/15/04 1743	glr
	2-Chloronaphthalene, Low Level Soil*	ND	U		59	210	1.00000	ug/Kg	115446		04/15/04 1743	glr

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 102D SS-5 (DEEP)
Date Sampled.....: 04/08/2004
Time Sampled.....: 10:20
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-12
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Chloro-3-methylphenol, Low Level Soil*	ND	U		47	410	1.00000	ug/Kg	115446		04/15/04 1743	glr
	2,6-Dinitrotoluene, Low Level Soil*	ND	U		2.7	41	1.00000	ug/Kg	115446		04/15/04 1743	glr
	2-Nitrophenol, Low Level Soil*	ND	U		78	410	1.00000	ug/Kg	115446		04/15/04 1743	glr
	3-Nitroaniline, Low Level Soil*	ND	U		140	820	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Dimethyl phthalate, Low Level Soil*	ND	U		4.4	82	1.00000	ug/Kg	115446		04/15/04 1743	glr
	2,4-Dinitrophenol, Low Level Soil*	ND	U		140	820	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Acenaphthylene, Low Level Soil*	ND	U		1.1	41	1.00000	ug/Kg	115446		04/15/04 1743	glr
	2,4-Dinitrotoluene, Low Level Soil*	ND	U		2.1	41	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Acenaphthene, Low Level Soil*	ND	U		1.7	41	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Dibenzofuran, Low Level Soil*	ND	U		3.3	82	1.00000	ug/Kg	115446		04/15/04 1743	glr
	4-Nitrophenol, Low Level Soil*	ND	U		100	820	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Fluorene, Low Level Soil*	ND	U		2.0	41	1.00000	ug/Kg	115446		04/15/04 1743	glr
	4-Nitroaniline, Low Level Soil*	ND	U		48	820	1.00000	ug/Kg	115446		04/15/04 1743	glr
	4-Bromophenyl phenyl ether, Low Level Soi*	ND	U		3.8	210	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Hexachlorobenzene, Low Level Soil*	ND	U		2.2	41	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Diethyl phthalate, Low Level Soil*	ND	U		4.6	82	1.00000	ug/Kg	115446		04/15/04 1743	glr
	4-Chlorophenyl phenyl ether, Low Level So*l	ND	U		4.4	210	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Pentachlorophenol, Low Level Soil*	ND	U		120	410	1.00000	ug/Kg	115446		04/15/04 1743	glr
	n-Nitrosodiphenylamine, Low Level Soil*	ND	U		3.6	41	1.00000	ug/Kg	115446		04/15/04 1743	glr
	4,6-Dinitro-2-methylphenol, Low Level Soi*	ND	U		120	820	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Phenanthrene, Low Level Soil*	ND	U		1.2	41	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Anthracene, Low Level Soil*	ND	U		1.1	41	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Carbazole, Low Level Soil*	ND	U		43	210	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Di-n-butyl phthalate, Low Level Soil*	ND	U		25	210	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Benzidine, Low Level Soil*	ND	U		810	4100	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Fluoranthene, Low Level Soil*	ND	U		1.4	41	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Pyrene, Low Level Soil*	ND	U		2.5	41	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Butyl benzyl phthalate, Low Level Soil*	ND	U		5.0	82	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Benzo(a)anthracene, Low Level Soil*	ND	U		1.4	41	1.00000	ug/Kg	115446		04/15/04 1743	glr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 102D SS-5 (DEEP)
Date Sampled.....: 04/08/2004
Time Sampled.....: 10:20
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-12
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Chrysene, Low Level Soil*	ND	U		2.2	41	1.00000	ug/Kg	115446		04/15/04 1743	glr
	3,3-Dichlorobenzidine, Low Level Soil*	ND	U		22	210	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Bis(2-ethylhexyl)phthalate, Low Level Soi*	ND	U		12	210	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Di-n-octyl phthalate, Low Level Soil*	ND	U		11	410	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Benzo(b)fluoranthene, Low Level Soil*	ND	U		2.6	41	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Benzo(k)fluoranthene, Low Level Soil*	ND	U		3.4	41	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Benzo(a)pyrene, Low Level Soil*	ND	U		2.7	41	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Indeno(1,2,3-cd)pyrene, Low Level Soil*	11	J		2.6	41	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Dibenzo(a,h)anthracene, Low Level Soil*	14	J		2.7	41	1.00000	ug/Kg	115446		04/15/04 1743	glr
	Benzo(ghi)perylene, Low Level Soil*	13	J		2.3	41	1.00000	ug/Kg	115446		04/15/04 1743	glr
Method	% Solids Determination											
	% Solids, Solid	80.5			0.10	0.10	1	%	114387		04/12/04 1030	pfk
	% Moisture, Solid	19.5			0.10	0.10	1	%	114387		04/12/04 1030	pfk
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.024			0.0053	0.020	1	mg/Kg	114797		04/15/04 1527	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	16000			2.8	23	1	mg/Kg	114626		04/14/04 2017	tds
	Antimony, Solid*	1.5	B		1.0	2.3	1	mg/Kg	114726		04/15/04 0231	tds
	Arsenic, Solid*	6.2			0.59	1.2	1	mg/Kg	114626		04/14/04 2017	tds
	Barium, Solid*	96			0.18	1.2	1	mg/Kg	114626		04/14/04 2017	tds
	Beryllium, Solid*	1.7			0.051	0.46	1	mg/Kg	114626		04/14/04 2017	tds
	Cadmium, Solid*	ND	U		0.092	0.23	1	mg/Kg	114626		04/14/04 2017	tds
	Calcium, Solid*	3000			3.6	12	1	mg/Kg	114626		04/14/04 2017	tds
	Chromium, Solid*	29			0.25	1.2	1	mg/Kg	114626		04/14/04 2017	tds
	Cobalt, Solid*	8.9			0.16	0.58	1	mg/Kg	114626		04/14/04 2017	tds
	Copper, Solid*	12			1.0	1.2	1	mg/Kg	114626		04/14/04 2017	tds

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 102D SS-5 (DEEP)
Date Sampled.....: 04/08/2004
Time Sampled.....: 10:20
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-12
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Iron, Solid*	22000			3.5	5.8	1	mg/Kg	114626		04/14/04 2017	tds
	Lead, Solid*	10			0.50	0.58	1	mg/Kg	114626		04/14/04 2017	tds
	Magnesium, Solid*	1900			2.0	12	1	mg/Kg	114626		04/14/04 2017	tds
	Manganese, Solid*	400			0.15	1.2	1	mg/Kg	114626		04/14/04 2017	tds
	Nickel, Solid*	19			0.29	1.2	1	mg/Kg	114626		04/14/04 2017	tds
	Potassium, Solid*	660			16	58	1	mg/Kg	114626		04/14/04 2017	tds
	Selenium, Solid*	ND	U		0.46	1.2	1	mg/Kg	114626		04/14/04 2017	tds
	Silver, Solid*	ND	U		0.36	0.58	1	mg/Kg	114626		04/14/04 2017	tds
	Sodium, Solid*	120			100	120	1	mg/Kg	114626		04/14/04 2017	tds
	Thallium, Solid*	ND	U		0.76	1.2	1	mg/Kg	114726		04/15/04 0231	tds
	Vanadium, Solid*	45			0.24	0.58	1	mg/Kg	114626		04/14/04 2017	tds
	Zinc, Solid*	23			0.46	2.3	1	mg/Kg	114626		04/14/04 2017	tds

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: PCB WIPE TUNNEL 104F
Date Sampled.....: 04/08/2004
Time Sampled.....: 13:20
Sample Matrix.....: Wipe

Laboratory Sample ID: 225738-13
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		8.5	25	5.00000	ug/Wipe	115564		04/21/04 1501	bab
	Aroclor 1221, Wipe	ND	U		23	25	5.00000	ug/Wipe	115564		04/21/04 1501	bab
	Aroclor 1232, Wipe	ND	U		11	25	5.00000	ug/Wipe	115564		04/21/04 1501	bab
	Aroclor 1242, Wipe	ND	U		9.5	25	5.00000	ug/Wipe	115564		04/21/04 1501	bab
	Aroclor 1248, Wipe	ND	U		10	25	5.00000	ug/Wipe	115564		04/21/04 1501	bab
	Aroclor 1254, Wipe	ND	U		6.5	25	5.00000	ug/Wipe	115564		04/21/04 1501	bab
	Aroclor 1260, Wipe	ND	U		7.5	25	5.00000	ug/Wipe	115564		04/21/04 1501	bab

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 PCB WIPE 4
Date Sampled.....: 04/07/2004
Time Sampled.....: 11:45
Sample Matrix.....: Wipe

Laboratory Sample ID: 225738-14
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.17	0.50	1.00000	ug/Wipe	115564		04/21/04 1537	bab
	Aroclor 1221, Wipe	ND	U		0.46	0.50	1.00000	ug/Wipe	115564		04/21/04 1537	bab
	Aroclor 1232, Wipe	ND	U		0.22	0.50	1.00000	ug/Wipe	115564		04/21/04 1537	bab
	Aroclor 1242, Wipe	ND	U		0.19	0.50	1.00000	ug/Wipe	115564		04/21/04 1537	bab
	Aroclor 1248, Wipe	ND	U		0.21	0.50	1.00000	ug/Wipe	115564		04/21/04 1537	bab
	Aroclor 1254, Wipe	ND	U		0.13	0.50	1.00000	ug/Wipe	115564		04/21/04 1537	bab
	Aroclor 1260, Wipe	1.5			0.15	0.50	1.00000	ug/Wipe	115564		04/21/04 1537	bab

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 PCB WIPE 5
Date Sampled.....: 04/07/2004
Time Sampled.....: 11:50
Sample Matrix.....: Wipe

Laboratory Sample ID: 225738-15
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.17	0.50	1.00000	ug/Wipe	115564		04/21/04 1612	bab
	Aroclor 1221, Wipe	ND	U		0.46	0.50	1.00000	ug/Wipe	115564		04/21/04 1612	bab
	Aroclor 1232, Wipe	ND	U		0.22	0.50	1.00000	ug/Wipe	115564		04/21/04 1612	bab
	Aroclor 1242, Wipe	ND	U		0.19	0.50	1.00000	ug/Wipe	115564		04/21/04 1612	bab
	Aroclor 1248, Wipe	ND	U		0.21	0.50	1.00000	ug/Wipe	115564		04/21/04 1612	bab
	Aroclor 1254, Wipe	ND	U		0.13	0.50	1.00000	ug/Wipe	115564		04/21/04 1612	bab
	Aroclor 1260, Wipe	4.6			0.15	0.50	1.00000	ug/Wipe	115564		04/21/04 1612	bab

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: E112T SED
Date Sampled.....: 04/05/2004
Time Sampled.....: 16:10
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-16
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	62.6			0.10	0.10	1	%	114387		04/12/04 1030	pfk
	% Moisture, Solid	37.4			0.10	0.10	1	%	114387		04/12/04 1030	pfk
6010B	Metals Analysis (ICAP Trace)											
	Lead, Solid*	5000			0.62	0.72	1	mg/Kg	114626		04/14/04 2024	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 UTILITY TUNNEL
Date Sampled.....: 04/05/2004
Time Sampled.....: 16:00
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-17
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	57.5			0.10	0.10	1	%	114387		04/12/04 1030	pfk
	% Moisture, Solid	42.5			0.10	0.10	1	%	114387		04/12/04 1030	pfk
6010B	Metals Analysis (ICAP Trace)											
	Lead, Solid*	470			0.68	0.79	1	mg/Kg	114626		04/14/04 2031	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 110 SS-1
Date Sampled.....: 04/06/2004
Time Sampled.....: 15:30
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-18
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8015B MDRO	TPH - Diesel Range Organics (DRO)											
	Diesel Range Organics (DRO), 3541 Solid*	ND	U		3.2	5.1	1.00000	mg/Kg	115302		04/15/04 1527	pjg
Method	% Solids Determination											
	% Solids, Solid	81.4			0.10	0.10	1	%	114387		04/12/04 1030	pfk
	% Moisture, Solid	18.6			0.10	0.10	1	%	114387		04/12/04 1030	pfk
8015B MGRO	TPH - Gasoline Range Organics (GRO)											
	Gasoline Range Organics (GRO), Solid*	ND	U		12	61	1.00000	ug/Kg	114924		04/14/04 0307	wre

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 TUNNEL SED1 TS1
Date Sampled.....: 04/05/2004
Time Sampled.....: 16:05
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-19
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	90.4			0.10	0.10	1	%	114387		04/12/04 1030	pfk
	% Moisture, Solid	9.6			0.10	0.10	1	%	114387		04/12/04 1030	pfk
6010B	Metals Analysis (ICAP Trace)											
	Lead, Solid*	1800			0.45	0.53	1	mg/Kg	114626		04/14/04 2107	tds

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: B102C SOIL FROM TANK
Date Sampled.....: 04/06/2004
Time Sampled.....: 17:41
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-20
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	93.1			0.10	0.10	1	%	114387		04/12/04 1030	pfk
	% Moisture, Solid	6.9			0.10	0.10	1	%	114387		04/12/04 1030	pfk
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.14			0.0046	0.018	1	mg/Kg	114797		04/15/04 1530	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	13000			2.4	20	1	mg/Kg	114626		04/14/04 2113	tds
	Antimony, Solid*	1.9	B		0.90	2.0	1	mg/Kg	114726		04/15/04 0237	tds
	Arsenic, Solid*	4.5			0.51	1.0	1	mg/Kg	114626		04/14/04 2113	tds
	Barium, Solid*	110			0.16	1.0	1	mg/Kg	114626		04/14/04 2113	tds
	Beryllium, Solid*	0.61			0.044	0.40	1	mg/Kg	114626		04/14/04 2113	tds
	Cadmium, Solid*	ND	U		0.080	0.20	1	mg/Kg	114626		04/14/04 2113	tds
	Calcium, Solid*	7500			3.1	10	1	mg/Kg	114626		04/14/04 2113	tds
	Chromium, Solid*	27			0.22	1.0	1	mg/Kg	114626		04/14/04 2113	tds
	Cobalt, Solid*	7.9			0.14	0.50	1	mg/Kg	114626		04/14/04 2113	tds
	Copper, Solid*	510			0.90	1.0	1	mg/Kg	114626		04/14/04 2113	tds
	Iron, Solid*	21000			3.0	5.0	1	mg/Kg	114626		04/14/04 2113	tds
	Lead, Solid*	75			0.43	0.50	1	mg/Kg	114626		04/14/04 2113	tds
	Magnesium, Solid*	2000			1.7	10	1	mg/Kg	114626		04/14/04 2113	tds
	Manganese, Solid*	460			0.13	1.0	1	mg/Kg	114626		04/14/04 2113	tds
	Nickel, Solid*	13			0.25	1.0	1	mg/Kg	114626		04/14/04 2113	tds
	Potassium, Solid*	900			14	50	1	mg/Kg	114626		04/14/04 2113	tds
	Selenium, Solid*	ND	U		0.40	1.0	1	mg/Kg	114626		04/14/04 2113	tds
	Silver, Solid*	ND	U		0.31	0.50	1	mg/Kg	114626		04/14/04 2113	tds
	Sodium, Solid*	780			87	100	1	mg/Kg	114626		04/14/04 2113	tds
	Thallium, Solid*	ND	U		0.66	1.0	1	mg/Kg	114726		04/15/04 0237	tds
	Vanadium, Solid*	40			0.21	0.50	1	mg/Kg	114626		04/14/04 2113	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738 Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: B102C SOIL FROM TANK
Date Sampled.....: 04/06/2004
Time Sampled.....: 17:41
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-20
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Zinc, Solid*	83			0.40	2.0	1	mg/Kg	114626		04/14/04 2113	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: B112 TUNNEL S
Date Sampled.....: 04/05/2004
Time Sampled.....: 16:20
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-21
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	66.3			0.10	0.10	1	%	114387		04/12/04 1030	pfk
	% Moisture, Solid	33.7			0.10	0.10	1	%	114387		04/12/04 1030	pfk
60108	Metals Analysis (ICAP Trace)											
	Lead, Solid*	5900			0.61	0.71	1	mg/Kg	114626		04/14/04 2120	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738 Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: B112 TUNNEL SED N
Date Sampled.....: 04/05/2004
Time Sampled.....: 16:15
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-22
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	70.0			0.10	0.10	1	%	114387		04/12/04 1030	pfk
	% Moisture, Solid	30.0			0.10	0.10	1	%	114387		04/12/04 1030	pfk
6010B	Metals Analysis (ICAP Trace)											
	Lead, Solid*	4500			0.59	0.68	1	mg/Kg	114626		04/14/04 2127	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: B112 T SED FAR SOUTH
Date Sampled.....: 04/05/2004
Time Sampled.....: 16:25
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-23
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	44.2			0.10	0.10	1	%	114387		04/12/04 1030	pfk
	% Moisture, Solid	55.8			0.10	0.10	1	%	114387		04/12/04 1030	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	64	370	10.0000	ug/Kg	115518		04/22/04 2323	bab
	Aroclor 1221, Solid*	ND		U	150	370	10.0000	ug/Kg	115518		04/22/04 2323	bab
	Aroclor 1232, Solid*	ND		U	66	370	10.0000	ug/Kg	115518		04/22/04 2323	bab
	Aroclor 1242, Solid*	ND		U	140	370	10.0000	ug/Kg	115518		04/22/04 2323	bab
	Aroclor 1248, Solid*	ND		U	51	370	10.0000	ug/Kg	115518		04/22/04 2323	bab
	Aroclor 1254, Solid*	ND		U	60	370	10.0000	ug/Kg	115518		04/22/04 2323	bab
	Aroclor 1260, Solid*	ND		U	55	370	10.0000	ug/Kg	115518		04/22/04 2323	bab
6010B	Metals Analysis (ICAP Trace)											
	Lead, Solid*	2800			0.93	1.1	1	mg/Kg	114626		04/14/04 2134	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738 Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: B104 T.SED IN SUMP
Date Sampled.....: 04/05/2004
Time Sampled.....: 16:30
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-24
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	60.1			0.10	0.10	1	%	114386		04/12/04 1000	pfk
	% Moisture, Solid	39.9			0.10	0.10	1	%	114386		04/12/04 1000	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	47	270	10.0000	ug/Kg	115518		04/22/04 2358	bab
	Aroclor 1221, Solid*	ND		U	110	270	10.0000	ug/Kg	115518		04/22/04 2358	bab
	Aroclor 1232, Solid*	ND		U	48	270	10.0000	ug/Kg	115518		04/22/04 2358	bab
	Aroclor 1242, Solid*	ND		U	100	270	10.0000	ug/Kg	115518		04/22/04 2358	bab
	Aroclor 1248, Solid*	ND		U	37	270	10.0000	ug/Kg	115518		04/22/04 2358	bab
	Aroclor 1254, Solid*	ND		U	44	270	10.0000	ug/Kg	115518		04/22/04 2358	bab
	Aroclor 1260, Solid*	ND		U	40	270	10.0000	ug/Kg	115518		04/22/04 2358	bab
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.20			0.0072	0.027	1	mg/Kg	114797		04/15/04 1532	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	11000			3.7	31	1	mg/Kg	114626		04/14/04 2140	tds
	Antimony, Solid*	70			1.4	3.1	1	mg/Kg	114726		04/15/04 0243	tds
	Arsenic, Solid*	5.4			0.78	1.5	1	mg/Kg	114626		04/14/04 2140	tds
	Barium, Solid*	360			0.25	1.5	1	mg/Kg	114626		04/14/04 2140	tds
	Beryllium, Solid*	0.55		B	0.067	0.61	1	mg/Kg	114626		04/14/04 2140	tds
	Cadmium, Solid*	0.86			0.12	0.31	1	mg/Kg	114626		04/14/04 2140	tds
	Calcium, Solid*	18000			4.8	15	1	mg/Kg	114626		04/14/04 2140	tds
	Chromium, Solid*	28			0.34	1.5	1	mg/Kg	114626		04/14/04 2140	tds
	Cobalt, Solid*	11			0.21	0.77	1	mg/Kg	114626		04/14/04 2140	tds
	Copper, Solid*	240			1.4	1.5	1	mg/Kg	114626		04/14/04 2140	tds
	Iron, Solid*	25000			4.6	7.7	1	mg/Kg	114626		04/14/04 2140	tds
	Lead, Solid*	230			0.66	0.77	1	mg/Kg	114626		04/14/04 2140	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225738

Date:04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: B104 T.SED IN SUMP
Date Sampled.....: 04/05/2004
Time Sampled.....: 16:30
Sample Matrix.....: Soil

Laboratory Sample ID: 225738-24
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Magnesium, Solid*	2500			2.6	15	1	mg/Kg	114626		04/14/04 2140	tds
	Manganese, Solid*	4200			1	7.7	5	mg/Kg	114726		04/15/04 0249	tds
	Nickel, Solid*	19			0.38	1.5	1	mg/Kg	114626		04/14/04 2140	tds
	Potassium, Solid*	770			21	77	1	mg/Kg	114626		04/14/04 2140	tds
	Selenium, Solid*	ND	U		0.61	1.5	1	mg/Kg	114626		04/14/04 2140	tds
	Silver, Solid*	ND	U		0.48	0.77	1	mg/Kg	114626		04/14/04 2140	tds
	Sodium, Solid*	290			130	150	1	mg/Kg	114626		04/14/04 2140	tds
	Thallium, Solid*	ND	U		5.1	7.7	5	mg/Kg	114726		04/15/04 0249	tds
	Vanadium, Solid*	25			0.32	0.77	1	mg/Kg	114626		04/14/04 2140	tds
	Zinc, Solid*	260			0.61	3.1	1	mg/Kg	114626		04/14/04 2140	tds

* In Description = Dry Wgt.

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LABORATORY CHRONICLE

Job Number: 225738 Date: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Lab ID: 225738-1 Client ID: 112 SS 30 (SHALLOW) Date Recvd: 04/09/2004 Sample Date: 04/07/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	114387			04/12/2004	1030	
3050B	Acid Digestion: Solids (ICAP)	1	114510			04/13/2004	0920	
EDD	Electronic Data Deliverable	1						
3550B	Extraction Ultrasonic (PCBs)	1	114429			04/12/2004	1230	
6010B	Metals Analysis (ICAP Trace)	1	114626	114510		04/14/2004	1807	
8082	PCB Analysis	1	115518	114429		04/22/2004	1729	5.00000

Lab ID: 225738-2 Client ID: 112 SS 27 (SHALLOW) Date Recvd: 04/09/2004 Sample Date: 04/07/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	114387			04/12/2004	1030	
3050B	Acid Digestion: Solids (ICAP)	1	114510			04/13/2004	0920	
3550B	Extraction Ultrasonic (PCBs)	1	114429			04/12/2004	1230	
7471A	Mercury (CVAA) Solids	1	114797	114795		04/15/2004	1500	
6010B	Metals Analysis (ICAP Trace)	1	114626	114510		04/14/2004	1814	
6010B	Metals Analysis (ICAP Trace)	1	114726	114510		04/15/2004	0024	
8082	PCB Analysis	1	115518	114429		04/22/2004	1915	1.00000
7470/7471	SW846 Digestion (Hg)	1	114795			04/15/2004	1235	

Lab ID: 225738-3 Client ID: 112 SS 26 (DEEP) Date Recvd: 04/09/2004 Sample Date: 04/07/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	114387			04/12/2004	1030	
3050B	Acid Digestion: Solids (ICAP)	1	114510			04/13/2004	0920	
3550B	Extraction Ultrasonic (PCBs)	1	114429			04/12/2004	1230	
7471A	Mercury (CVAA) Solids	1	114797	114795		04/15/2004	1502	
6010B	Metals Analysis (ICAP Trace)	1	114626	114510		04/14/2004	1848	
6010B	Metals Analysis (ICAP Trace)	1	114726	114510		04/15/2004	0055	
8082	PCB Analysis	1	115518	114429		04/22/2004	1950	1.00000
7470/7471	SW846 Digestion (Hg)	1	114795			04/15/2004	1235	

Lab ID: 225738-4 Client ID: 112 SS 28 (SHALLOW) Date Recvd: 04/09/2004 Sample Date: 04/07/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	114387			04/12/2004	1030	
3050B	Acid Digestion: Solids (ICAP)	1	114510			04/13/2004	0920	
3550B	Extraction Ultrasonic (PCBs)	1	114429			04/12/2004	1230	
7471A	Mercury (CVAA) Solids	1	114797	114795		04/15/2004	1511	
6010B	Metals Analysis (ICAP Trace)	1	114626	114510		04/14/2004	1854	
6010B	Metals Analysis (ICAP Trace)	1	114726	114510		04/15/2004	0101	
8082	PCB Analysis	1	115518	114429		04/22/2004	2026	5.00000
7470/7471	SW846 Digestion (Hg)	1	114795			04/15/2004	1235	

Lab ID: 225738-5 Client ID: 112 SS 25 (DEEP) Date Recvd: 04/09/2004 Sample Date: 04/07/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	114387			04/12/2004	1030	
3050B	Acid Digestion: Solids (ICAP)	1	114510			04/13/2004	0920	
3550B	Extraction Ultrasonic (PCBs)	1	114429			04/12/2004	1230	
7471A	Mercury (CVAA) Solids	1	114797	114795		04/15/2004	1514	
6010B	Metals Analysis (ICAP Trace)	1	114626	114510		04/14/2004	1930	
6010B	Metals Analysis (ICAP Trace)	1	114726	114510		04/15/2004	0108	
8082	PCB Analysis	1	115518	114429		04/22/2004	2101	1.00000
7470/7471	SW846 Digestion (Hg)	1	114795			04/15/2004	1235	

Lab ID: 225738-6 Client ID: 112 PRESS VALT SS23 Date Recvd: 04/09/2004 Sample Date: 04/07/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	114387			04/12/2004	1030	
3050B	Acid Digestion: Solids (ICAP)	1	114510			04/13/2004	0920	

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LABORATORY CHRONICLE

Job Number: 225738 Date: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Lab ID: 225738-6 Client ID: 112 PRESS VALT SS23 Date Recvd: 04/09/2004 Sample Date: 04/07/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
3550B	Extraction Ultrasonic (PCBs)	1	114429		04/12/2004 1230	
7471A	Mercury (CVAA) Solids	1	114797	114795	04/15/2004 1516	
6010B	Metals Analysis (ICAP Trace)	1	114626	114510	04/14/2004 1937	
6010B	Metals Analysis (ICAP Trace)	1	114726	114510	04/15/2004 0140	
8082	PCB Analysis	1	115518	114429	04/22/2004 2137	1.00000
7470/7471	SW846 Digestion (Hg)	1	114795		04/15/2004 1235	

Lab ID: 225738-7 Client ID: 112 PRESS VALT SS24 Date Recvd: 04/09/2004 Sample Date: 04/07/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	114387		04/12/2004 1030	
3050B	Acid Digestion: Solids (ICAP)	1	114510		04/13/2004 0920	
3550B	Extraction Ultrasonic (PCBs)	1	114429		04/12/2004 1230	
7471A	Mercury (CVAA) Solids	1	114797	114795	04/15/2004 1518	
6010B	Metals Analysis (ICAP Trace)	1	114626	114510	04/14/2004 1944	
6010B	Metals Analysis (ICAP Trace)	1	114726	114510	04/15/2004 0148	
8082	PCB Analysis	1	115518	114429	04/22/2004 2247	1.00000
7470/7471	SW846 Digestion (Hg)	1	114795		04/15/2004 1235	

Lab ID: 225738-8 Client ID: TUNNEL SUMP 1 Date Recvd: 04/09/2004 Sample Date: 04/08/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	114387		04/12/2004 1030	
3050B	Acid Digestion: Solids (ICAP)	1	114510		04/13/2004 0920	
7471A	Mercury (CVAA) Solids	1	114797	114795	04/15/2004 1557	5
6010B	Metals Analysis (ICAP Trace)	1	114626	114510	04/14/2004 1950	
6010B	Metals Analysis (ICAP Trace)	1	114726	114510	04/15/2004 0157	5
6010B	Metals Analysis (ICAP Trace)	1	114726	114510	04/15/2004 0207	
7470/7471	SW846 Digestion (Hg)	1	114795		04/15/2004 1235	

Lab ID: 225738-9 Client ID: 102D SS-1(DEEP) Date Recvd: 04/09/2004 Sample Date: 04/08/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	114387		04/12/2004 1030	
3050B	Acid Digestion: Solids (ICAP)	1	114510		04/13/2004 0920	
3550B	Extraction Ultrasonic (SVOC)	1	114560		04/13/2004 1230	
7471A	Mercury (CVAA) Solids	1	114797	114795	04/15/2004 1523	
6010B	Metals Analysis (ICAP Trace)	1	114626	114510	04/14/2004 1957	
6010B	Metals Analysis (ICAP Trace)	1	114726	114510	04/15/2004 0218	
7470/7471	SW846 Digestion (Hg)	1	114795		04/15/2004 1235	
8270C	Semivolatile Organics	1	115446	114560	04/15/2004 1648	1.00000

Lab ID: 225738-10 Client ID: 112 SAMPLE 4S SHAVINGS Date Recvd: 04/09/2004 Sample Date: 04/07/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	114387		04/12/2004 1030	
3050B	Acid Digestion: Solids (ICAP)	1	114510		04/13/2004 0920	
6010B	Metals Analysis (ICAP Trace)	1	114626	114510	04/14/2004 2004	

Lab ID: 225738-11 Client ID: 102D SS-2(DEEP) Date Recvd: 04/09/2004 Sample Date: 04/08/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	114387		04/12/2004 1030	
3050B	Acid Digestion: Solids (ICAP)	1	114510		04/13/2004 0920	
3550B	Extraction Ultrasonic (SVOC)	1	114560		04/13/2004 1230	
7471A	Mercury (CVAA) Solids	1	114797	114795	04/15/2004 1525	
6010B	Metals Analysis (ICAP Trace)	1	114626	114510	04/14/2004 2011	
6010B	Metals Analysis (ICAP Trace)	1	114726	114510	04/15/2004 0224	
7470/7471	SW846 Digestion (Hg)	1	114795		04/15/2004 1235	
8270C	Semivolatile Organics	1	115446	114560	04/16/2004 1831	1.00000

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LABORATORY CHRONICLE

Job Number: 225738 Date: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Lab ID: 225738-12 Client ID: 102D SS-5 (DEEP) Date Recvd: 04/09/2004 Sample Date: 04/08/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	114387			04/12/2004	1030	
3050B	Acid Digestion: Solids (ICAP)	1	114510			04/13/2004	0920	
3550B	Extraction Ultrasonic (SVOC)	1	114560			04/13/2004	1230	
7471A	Mercury (CVAA) Solids	1	114797	114795		04/15/2004	1527	
6010B	Metals Analysis (ICAP Trace)	1	114626	114510		04/14/2004	2017	
6010B	Metals Analysis (ICAP Trace)	1	114726	114510		04/15/2004	0231	
7470/7471	SW846 Digestion (Hg)	1	114795			04/15/2004	1235	
8270C	Semivolatile Organics	1	115446	114560		04/15/2004	1743	1.00000

Lab ID: 225738-13 Client ID: PCB WIPE TUNNEL 104F Date Recvd: 04/09/2004 Sample Date: 04/08/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
3550B	Extraction Ultrasonic (PCBs)	1	114430			04/12/2004	1230	
8082	PCB Analysis	1	115564	114430		04/21/2004	1501	5.00000

Lab ID: 225738-14 Client ID: 112 PCB WIPE 4 Date Recvd: 04/09/2004 Sample Date: 04/07/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
3550B	Extraction Ultrasonic (PCBs)	1	114430			04/12/2004	1230	
8082	PCB Analysis	1	115564	114430		04/21/2004	1537	1.00000

Lab ID: 225738-15 Client ID: 112 PCB WIPE 5 Date Recvd: 04/09/2004 Sample Date: 04/07/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
3550B	Extraction Ultrasonic (PCBs)	1	114430			04/12/2004	1230	
8082	PCB Analysis	1	115564	114430		04/21/2004	1612	1.00000

Lab ID: 225738-16 Client ID: E112T SED Date Recvd: 04/09/2004 Sample Date: 04/05/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	114387			04/12/2004	1030	
3050B	Acid Digestion: Solids (ICAP)	1	114510			04/13/2004	0920	
6010B	Metals Analysis (ICAP Trace)	1	114626	114510		04/14/2004	2024	

Lab ID: 225738-17 Client ID: 112 UTILITY TUNNEL Date Recvd: 04/09/2004 Sample Date: 04/05/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	114387			04/12/2004	1030	
3050B	Acid Digestion: Solids (ICAP)	1	114510			04/13/2004	0920	
6010B	Metals Analysis (ICAP Trace)	1	114626	114510		04/14/2004	2031	

Lab ID: 225738-18 Client ID: 110 SS-1 Date Recvd: 04/09/2004 Sample Date: 04/06/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	114387			04/12/2004	1030	
5030A	5030 Purge & Trap	1	114922			04/13/2004	2100	
3541	Extraction Soxhlet (DRO)	1	114500			04/13/2004	0900	
8015B MDRO	TPH - Diesel Range Organics (DRO)	1	115302	114500		04/15/2004	1527	1.00000
8015B MGRO	TPH - Gasoline Range Organics (GRO)	1	114924	114922		04/14/2004	0307	1.00000

Lab ID: 225738-19 Client ID: 112 TUNNEL SED1 TS1 Date Recvd: 04/09/2004 Sample Date: 04/05/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	114387			04/12/2004	1030	
3050B	Acid Digestion: Solids (ICAP)	1	114510			04/13/2004	0920	
6010B	Metals Analysis (ICAP Trace)	1	114626	114510		04/14/2004	2107	

Lab ID: 225738-20 Client ID: B102C SOIL FROM TANK Date Recvd: 04/09/2004 Sample Date: 04/06/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	114387			04/12/2004	1030	
3050B	Acid Digestion: Solids (ICAP)	1	114510			04/13/2004	0920	
7471A	Mercury (CVAA) Solids	1	114797	114795		04/15/2004	1530	

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LABORATORY CHRONICLE

Job Number: 225738 Date: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Lab ID: 225738-20 Client ID: B102C SOIL FROM TANK Date Recvd: 04/09/2004 Sample Date: 04/06/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
6010B	Metals Analysis (ICAP Trace)	1	114626	114510		04/14/2004 2113	
6010B	Metals Analysis (ICAP Trace)	1	114726	114510		04/15/2004 0237	
7470/7471	SW846 Digestion (Hg)	1	114795			04/15/2004 1235	

Lab ID: 225738-21 Client ID: B112 TUNNEL S Date Recvd: 04/09/2004 Sample Date: 04/05/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	114387			04/12/2004 1030	
3050B	Acid Digestion: Solids (ICAP)	1	114510			04/13/2004 0920	
6010B	Metals Analysis (ICAP Trace)	1	114626	114510		04/14/2004 2120	

Lab ID: 225738-22 Client ID: B112 TUNNEL SED N Date Recvd: 04/09/2004 Sample Date: 04/05/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	114387			04/12/2004 1030	
3050B	Acid Digestion: Solids (ICAP)	1	114510			04/13/2004 0920	
6010B	Metals Analysis (ICAP Trace)	1	114626	114510		04/14/2004 2127	

Lab ID: 225738-23 Client ID: B112 T SED FAR SOUTH Date Recvd: 04/09/2004 Sample Date: 04/05/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	114387			04/12/2004 1030	
3050B	Acid Digestion: Solids (ICAP)	1	114510			04/13/2004 0920	
3550B	Extraction Ultrasonic (PCBs)	1	114429				
6010B	Metals Analysis (ICAP Trace)	1	114626	114510		04/14/2004 2134	
8082	PCB Analysis	1	115518	114429		04/22/2004 2323	10.0000

Lab ID: 225738-24 Client ID: B104 T.SED IN SUMP Date Recvd: 04/09/2004 Sample Date: 04/05/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	114386			04/12/2004 1000	
3050B	Acid Digestion: Solids (ICAP)	1	114510			04/13/2004 0920	
3550B	Extraction Ultrasonic (PCBs)	1	114429				
7471A	Mercury (CVAA) Solids	1	114797	114795		04/15/2004 1532	
6010B	Metals Analysis (ICAP Trace)	1	114626	114510		04/14/2004 2140	
6010B	Metals Analysis (ICAP Trace)	1	114726	114510		04/15/2004 0243	
6010B	Metals Analysis (ICAP Trace)	1	114726	114510		04/15/2004 0249	5
8082	PCB Analysis	1	115518	114429		04/22/2004 2358	10.0000
7470/7471	SW846 Digestion (Hg)	1	114795			04/15/2004 1235	

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SURROGATE RECOVERIES REPORT

Job Number.: 225738 Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Method.....: TPH - Diesel Range Organics (DRO) Test Matrix...: 3541 Solid Prep Batch..: 114500
Method Code...: 8015D Batch(s)....: 115302

Lab ID	DT	Sample ID	Date	2FLUBP	OTERPH
LCS			04/15/2004	92	93
MB			04/15/2004	80	81
225738- 18		110 SS-1	04/15/2004	63	72

Test	Test Description	Limits
2FLUBP	2-Fluorobiphenyl (surr)	48 - 103
OTERPH	o-Terphenyl (surr)	44 - 128

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SURROGATE RECOVERIES REPORT

Job Number.: 225738 Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Method.....: TPH - Gasoline Range Organics (GRO) Test Matrix...: Solid Prep Batch..: 114922
Method Code...: 8015G Batch(s).....: 114924

Lab ID	DT	Sample ID	Date	ATFT	BRFLBE
LCS			04/14/2004	101	97
MB			04/13/2004	97	94
225738- 18		110 SS-1	04/14/2004	88	85

Test	Test Description	Limits
ATFT	a,a,a-Trifluorotoluene	68 - 113
BRFLBE	4-Bromofluorobenzene (surr)	41 - 125

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SURROGATE RECOVERIES REPORT

Job Number.: 225738 Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Method.....: PCB Analysis Test Matrix...: Solid Prep Batch..: 114429
Method Code...: 8082 Batch(s).....: 115518

Lab ID	DT	Sample ID	Date	DCB	TCX
LCS			04/22/2004	99	88
MB			04/22/2004	104	99
225738- 1		112 SS 30 (SHALLOW)	04/22/2004	108	71
225738- 1	MS	112 SS 30 (SHALLOW)	04/22/2004	126	85
225738- 1	MSD	112 SS 30 (SHALLOW)	04/22/2004	112	75
225738- 2		112 SS 27 (SHALLOW)	04/22/2004	92	79
225738- 3		112 SS 26 (DEEP)	04/22/2004	83	71
225738- 4		112 SS 28 (SHALLOW)	04/22/2004	95	70
225738- 5		112 SS 25 (DEEP)	04/22/2004	117	86
225738- 6		112 PRESS VALT SS23	04/22/2004	83	69
225738- 7		112 PRESS VALT SS24	04/22/2004	95	98
225738- 23		B112 T SED FAR SOUTH	04/22/2004	96	68
225738- 24		B104 T.SED IN SUMP	04/22/2004	94	76

Test	Test Description	Limits
DCB	Decachlorobiphenyl (surr)	24 - 129
TCX	Tetrachloro-m-xylene (surr)	40 - 116

Method.....: PCB Analysis Test Matrix...: Wipe Prep Batch..: 114430
Method Code...: 8082 Batch(s).....: 115564

Lab ID	DT	Sample ID	Date	DCB	TCX
LCD			04/21/2004	103	88
LCS			04/21/2004	102	96
MB			04/21/2004	101	95
225738- 13		PCB WIPE TUNNEL 104F	04/21/2004	15*	14*
225738- 14		112 PCB WIPE 4	04/21/2004	102	89
225738- 15		112 PCB WIPE 5	04/21/2004	102	105

Test	Test Description	Limits
DCB	Decachlorobiphenyl (surr)	41 - 125
TCX	Tetrachloro-m-xylene (surr)	56 - 115

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SURROGATE RECOVERIES REPORT

Job Number.: 225738 Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Method.....: Semivolatile Organics Test Matrix...: Low Level Soil Prep Batch..: 114560
Method Code...: 8270 Batch(s).....: 115446

Lab ID	DT	Sample ID	Date	246TBP	2FLUBP	2FLUPH	NITRD5	PHEND5	TERD14
LCS			04/15/2004	67	62	76	65	73	71
MB			04/16/2004	67	63	62	62	68	66
225738- 9		102D SS-1(DEEP)	04/15/2004	57	51	68	55	66	67
225738- 11		102D SS-2(DEEP)	04/16/2004	63	51	51	51	54	64
225738- 12		102D SS-5 (DEEP)	04/15/2004	59	44	45	49	47	70

Test	Test Description	Limits
246TBP	2,4,6-Tribromophenol (surr)	20 - 150
2FLUBP	2-Fluorobiphenyl (surr)	41 - 108
2FLUPH	2-Fluorophenol (surr)	35 - 118
NITRD5	Nitrobenzene-d5 (surr)	22 - 108
PHEND5	Phenol-d5 (surr)	21 - 129
TERD14	Terphenyl-d14 (surr)	37 - 137

QUALITY CONTROL RESULTS

Job Number.: 225738

Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	004DWLPCBA	114429-002		04/22/2004	1654

Test Method.....: 8082
Method Description.: PCB Analysis

Equipment Code....: INST4142
Batch.....: 115518

Analyst...: bab

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Solid	ug/Kg	132.227		166.700	2.900 U	79	%	63-106	
Aroclor 1260, Solid	ug/Kg	157.580		167.000	2.500 U	94	%	68-105	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738 Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		114429-001		04/22/2004	1618

Test Method.....: 8082 Equipment Code....: INST4142 Analyst...: bab
Method Description.: PCB Analysis Batch.....: 115518

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Solid	ug/Kg	2.900	U							
Aroclor 1221, Solid	ug/Kg	6.700	U							
Aroclor 1232, Solid	ug/Kg	3.000	U							
Aroclor 1242, Solid	ug/Kg	6.300	U							
Aroclor 1248, Solid	ug/Kg	2.300	U							
Aroclor 1254, Solid	ug/Kg	2.700	U							
Aroclor 1260, Solid	ug/Kg	2.500	U							

 * %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738

Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	004DWLPCBA	225738-1	5.00000	04/22/2004	1804

Test Method.....: 8082
Method Description.: PCB Analysis

Equipment Code....: INST4142
Batch.....: 115518

Analyst...: bab

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Solid	ug/Kg	199.298		1026.000	17.849 U	97	%	63-106	
Aroclor 1260, Solid	ug/Kg	623.254		1028.000	337.703	139	%	68-105	*

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738 Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	004DWLPCBA	225738-1	5.00000	04/22/2004	1840

Test Method.....: 8082 Equipment Code....: INST4142 Analyst...: bab
Method Description.: PCB Analysis Batch.....: 115518

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Solid	ug/Kg	175.075	199.298	1026.000	17.849 U	85	%	63-106	
						13	R	30	
Aroclor 1260, Solid	ug/Kg	511.133	623.254	1028.000	337.703	84	%	68-105	
						49	R	30	*

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738 Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCD	Laboratory Control Sample Duplicate	004DWLPCBA	114430-003		04/21/2004	1426

Test Method.....: 8082 Equipment Code....: INST4142 Analyst...: bab
Method Description.: PCB Analysis Batch.....: 115564

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Wipe	ug/Wipe	3.772800	3.927300	5.001000	0.170000 U	75 4	% R	67-103 30	
Aroclor 1260, Wipe	ug/Wipe	4.861400	4.810900	5.010000	0.150000 U	97 1	% R	65-109 30	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738

Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	004DWLPCBA	114430-002		04/21/2004	1350

Test Method.....: 8082
Method Description.: PCB Analysis

Equipment Code....: INST4142
Batch.....: 115564

Analyst...: bab

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Wipe	ug/Wipe	3.927300		5.001000	0.170000 U	79	%	67-103	
Aroclor 1260, Wipe	ug/Wipe	4.810900		5.010000	0.150000 U	96	%	65-109	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738

Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		114430-001		04/21/2004	1315

Test Method.....: 8082
Method Description.: PCB Analysis

Equipment Code....: INST4142
Batch.....: 115564

Analyst...: bab

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Wipe	ug/Wipe	0.170000 U							
Aroclor 1221, Wipe	ug/Wipe	0.460000 U							
Aroclor 1232, Wipe	ug/Wipe	0.220000 U							
Aroclor 1242, Wipe	ug/Wipe	0.190000 U							
Aroclor 1248, Wipe	ug/Wipe	0.210000 U							
Aroclor 1254, Wipe	ug/Wipe	0.130000 U							
Aroclor 1260, Wipe	ug/Wipe	0.150000 U							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738

Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	004CWLDIEA	114500-002		04/15/2004	1427

Test Method.....: 8015B MDRO
Method Description.: TPH - Diesel Range Organics (DRO)

Equipment Code....: INST09
Batch.....: 115302

Analyst...: pjg

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Diesel Range Organics (DRO), 3541 Soli	mg/Kg	60.950		66.670	2.600 U	91	%	70-106	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738 Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		114500-001		04/15/2004	1350

Test Method.....: 8015B MDRO Equipment Code....: INST09 Analyst...: pjg
Method Description.: TPH - Diesel Range Organics (DRO) Batch.....: 115302

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Diesel Range Organics (DRO), 3541 Soli	mg/Kg	2.600	U						

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738

Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	G04D13DSA	114922-002		04/14/2004	0010

Test Method.....: 8015B MGRO
Method Description.: TPH - Gasoline Range Organics (GRO)

Equipment Code....: INST1314
Batch.....: 114924

Analyst...: wre

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Gasoline Range Organics (GRO), Solid	ug/Kg	397.238		400.000	9.500 U	99	%	79-130	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738

Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		114922-001		04/13/2004	2334

Test Method.....: 8015B MGRO
Method Description.: TPH - Gasoline Range Organics (GRO)

Equipment Code....: INST1314
Batch.....: 114924

Analyst...: wre

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Gasoline Range Organics (GRO), Solid	ug/Kg	9.500 U							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738 Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	004DWLBLKB	114560-002		04/15/2004	1622

Test Method.....: 8270C Equipment Code....: GCL11 Analyst...: glr
Method Description.: Semivolatile Organics Batch.....: 115446

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Phenol, Low Level Soil	ug/Kg	1216.894		1667.000	1.600 U	73	%	34-119	
Bis(2-chloroethyl)ether, Low Level Soi	ug/Kg	1153.232		1667.000	2.000 U	69	%	42-101	
1,3-Dichlorobenzene, Low Level Soil	ug/Kg	1039.783		1667.000	79.000 U	62	%	48-100	
1,4-Dichlorobenzene, Low Level Soil	ug/Kg	1068.786		1667.000	71.000 U	64	%	50-100	
1,2-Dichlorobenzene, Low Level Soil	ug/Kg	1082.896		1667.000	79.000 U	65	%	49-104	
Benzyl alcohol, Low Level Soil	ug/Kg	1237.864		1667.000	94.000 U	74	%	14-150	
2-Methylphenol (o-cresol), Low Level S	ug/Kg	1248.731		1667.000	8.400 U	75	%	36-110	
2,2-oxybis (1-chloropropane), Low Leve	ug/Kg	1013.813		1667.000	75.000 U	61	%	48-100	
n-Nitroso-di-n-propylamine, Low Level	ug/Kg	1162.428		1667.000	2.300 U	70	%	49-138	
Hexachloroethane, Low Level Soil	ug/Kg	1080.299		1667.000	3.300 U	65	%	46-100	
4-Methylphenol (m/p-cresol), Low Level	ug/Kg	1321.033		1667.000	5.800 U	79	%	33-114	
2-Chlorophenol, Low Level Soil	ug/Kg	1132.009		1667.000	59.000 U	68	%	52-103	
Nitrobenzene, Low Level Soil	ug/Kg	1253.351		1667.000	2.500 U	75	%	50-100	
Bis(2-chloroethoxy)methane, Low Level	ug/Kg	1131.325		1667.000	2.900 U	68	%	55-116	
1,2,4-Trichlorobenzene, Low Level Soil	ug/Kg	1129.749		1667.000	59.000 U	68	%	53-107	
Benzoic acid, Low Level Soil	ug/Kg	1302.164		1667.000	98.000 U	78	%	40-143	
Isophorone, Low Level Soil	ug/Kg	1252.061		1667.000	2.400 U	75	%	52-116	
2,4-Dimethylphenol, Low Level Soil	ug/Kg	1274.214		1667.000	60.000 U	76	%	11-115	
Hexachlorobutadiene, Low Level Soil	ug/Kg	1067.483		1667.000	3.300 U	64	%	52-118	
Naphthalene, Low Level Soil	ug/Kg	1148.709		1667.000	1.700 U	69	%	49-100	
2,4-Dichlorophenol, Low Level Soil	ug/Kg	1228.881		1667.000	48.000 U	74	%	58-103	
4-Chloroaniline, Low Level Soil	ug/Kg	901.608		1667.000	100.000 U	54	%	15-114	
2,4,6-Trichlorophenol, Low Level Soil	ug/Kg	1190.685		1667.000	47.000 U	71	%	57-105	
2,4,5-Trichlorophenol, Low Level Soil	ug/Kg	1290.017		1667.000	38.000 U	77	%	62-118	
Hexachlorocyclopentadiene, Low Level S	ug/Kg	827.472		1667.000	54.000 U	50	%	32-100	
2-Methylnaphthalene, Low Level Soil	ug/Kg	1136.285		1667.000	1.500 U	68	%	30-115	
2-Nitroaniline, Low Level Soil	ug/Kg	1117.902		1667.000	34.000 U	67	%	55-106	
2-Chloronaphthalene, Low Level Soil	ug/Kg	1160.785		1667.000	48.000 U	70	%	59-114	
4-Chloro-3-methylphenol, Low Level Soi	ug/Kg	1334.260		1667.000	38.000 U	80	%	56-110	
2,6-Dinitrotoluene, Low Level Soil	ug/Kg	1297.994		1667.000	2.200 U	78	%	62-111	
2-Nitrophenol, Low Level Soil	ug/Kg	1127.819		1667.000	63.000 U	68	%	53-102	
3-Nitroaniline, Low Level Soil	ug/Kg	958.270		1667.000	111.000 U	57	%	28-100	
Dimethyl phthalate, Low Level Soil	ug/Kg	1218.534		1667.000	3.600 U	73	%	63-105	
2,4-Dinitrophenol, Low Level Soil	ug/Kg	1037.393		1667.000	114.000 U	62	%	44-139	
Acenaphthylene, Low Level Soil	ug/Kg	1117.722		1667.000	0.910 U	67	%	50-103	
2,4-Dinitrotoluene, Low Level Soil	ug/Kg	1322.950		1667.000	1.700 U	79	%	61-113	
Acenaphthene, Low Level Soil	ug/Kg	1023.173		1667.000	1.400 U	61	%	51-100	
Dibenzofuran, Low Level Soil	ug/Kg	1097.662		1667.000	2.700 U	66	%	49-103	
4-Nitrophenol, Low Level Soil	ug/Kg	1018.923		1667.000	82.000 U	61	%	45-129	
Fluorene, Low Level Soil	ug/Kg	1126.995		1667.000	1.600 U	68	%	51-109	
4-Nitroaniline, Low Level Soil	ug/Kg	1156.348		1667.000	39.000 U	69	%	32-111	
4-Bromophenyl phenyl ether, Low Level	ug/Kg	1098.259		1667.000	3.100 U	66	%	62-108	
Hexachlorobenzene, Low Level Soil	ug/Kg	1159.912		1667.000	1.800 U	70	%	62-105	
Diethyl phthalate, Low Level Soil	ug/Kg	1254.767		1667.000	3.700 U	75	%	62-110	
4-Chlorophenyl phenyl ether, Low Level	ug/Kg	1104.266		1667.000	3.600 U	66	%	62-106	
Pentachlorophenol, Low Level Soil	ug/Kg	1060.026		1667.000	100.000 U	64	%	43-122	
n-Nitrosodiphenylamine, Low Level Soil	ug/Kg	1146.319		1667.000	2.900 U	69	%	63-108	
4,6-Dinitro-2-methylphenol, Low Level	ug/Kg	1187.758		1667.000	95.000 U	71	%	67-130	
Phenanthrene, Low Level Soil	ug/Kg	1132.539		1667.000	1.000 U	68	%	50-110	
Anthracene, Low Level Soil	ug/Kg	1096.126		1667.000	0.860 U	66	%	51-110	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738 Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	004DWLBLKB	114560-002		04/15/2004	1622

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Carbazole, Low Level Soil	ug/Kg	1136.162		1667.000	35.000 U	68	%	49-131	
Di-n-butyl phthalate, Low Level Soil	ug/Kg	968.230		1667.000	20.000 U	58	%	51-130	
Benzidine, Low Level Soil	ug/Kg	657.000	U	1667.000	657.000 U	10	%	10-100	
Fluoranthene, Low Level Soil	ug/Kg	1057.976		1667.000	1.100 U	63	%	55-122	
Pyrene, Low Level Soil	ug/Kg	1171.302		1667.000	2.000 U	70	%	41-121	
Butyl benzyl phthalate, Low Level Soil	ug/Kg	1434.262		1667.000	4.100 U	86	%	56-113	
Benzo(a)anthracene, Low Level Soil	ug/Kg	1408.666		1667.000	1.100 U	85	%	49-119	
Chrysene, Low Level Soil	ug/Kg	1369.206		1667.000	1.800 U	82	%	39-124	
3,3-Dichlorobenzidine, Low Level Soil	ug/Kg	1122.242		1667.000	18.000 U	67	%	22-106	
Bis(2-ethylhexyl)phthalate, Low Level	ug/Kg	1482.922		1667.000	9.500 U	89	%	49-144	
Di-n-octyl phthalate, Low Level Soil	ug/Kg	1548.865		1667.000	8.700 U	93	%	45-130	
Benzo(b)fluoranthene, Low Level Soil	ug/Kg	1705.243		1667.000	2.100 U	102	%	44-132	
Benzo(k)fluoranthene, Low Level Soil	ug/Kg	1514.002		1667.000	2.800 U	91	%	43-141	
Benzo(a)pyrene, Low Level Soil	ug/Kg	1497.808		1667.000	2.200 U	90	%	45-129	
Indeno(1,2,3-cd)pyrene, Low Level Soil	ug/Kg	1477.435		1667.000	2.100 U	89	%	36-138	
Dibenzo(a,h)anthracene, Low Level Soil	ug/Kg	1445.246		1667.000	2.200 U	87	%	30-144	
Benzo(ghi)perylene, Low Level Soil	ug/Kg	1500.708		1667.000	1.900 U	90	%	41-129	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738 Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		114560-001		04/16/2004	1521

Test Method.....: 8270C Equipment Code....: GCL11 Analyst...: glr
Method Description.: Semivolatile Organics Batch.....: 115446

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Phenol, Low Level Soil	ug/Kg	1.600	U							
Bis(2-chloroethyl)ether, Low Level Soi	ug/Kg	2.000	U							
1,3-Dichlorobenzene, Low Level Soil	ug/Kg	79.000	U							
1,4-Dichlorobenzene, Low Level Soil	ug/Kg	71.000	U							
1,2-Dichlorobenzene, Low Level Soil	ug/Kg	79.000	U							
Benzyl alcohol, Low Level Soil	ug/Kg	94.000	U							
2-Methylphenol (o-cresol), Low Level S	ug/Kg	8.400	U							
2,2-oxybis (1-chloropropane), Low Leve	ug/Kg	75.000	U							
n-Nitroso-di-n-propylamine, Low Level	ug/Kg	2.300	U							
Hexachloroethane, Low Level Soil	ug/Kg	3.300	U							
4-Methylphenol (m/p-cresol), Low Level	ug/Kg	5.800	U							
2-Chlorophenol, Low Level Soil	ug/Kg	59.000	U							
Nitrobenzene, Low Level Soil	ug/Kg	2.500	U							
Bis(2-chloroethoxy)methane, Low Level	ug/Kg	2.900	U							
1,2,4-Trichlorobenzene, Low Level Soil	ug/Kg	59.000	U							
Benzoic acid, Low Level Soil	ug/Kg	98.000	U							
Isophorone, Low Level Soil	ug/Kg	2.400	U							
2,4-Dimethylphenol, Low Level Soil	ug/Kg	60.000	U							
Hexachlorobutadiene, Low Level Soil	ug/Kg	3.300	U							
Naphthalene, Low Level Soil	ug/Kg	1.700	U							
2,4-Dichlorophenol, Low Level Soil	ug/Kg	48.000	U							
4-Chloroaniline, Low Level Soil	ug/Kg	100.000	U							
2,4,6-Trichlorophenol, Low Level Soil	ug/Kg	47.000	U							
2,4,5-Trichlorophenol, Low Level Soil	ug/Kg	38.000	U							
Hexachlorocyclopentadiene, Low Level S	ug/Kg	54.000	U							
2-Methylnaphthalene, Low Level Soil	ug/Kg	1.500	U							
2-Nitroaniline, Low Level Soil	ug/Kg	34.000	U							
2-Chloronaphthalene, Low Level Soil	ug/Kg	48.000	U							
4-Chloro-3-methylphenol, Low Level Soi	ug/Kg	38.000	U							
2,6-Dinitrotoluene, Low Level Soil	ug/Kg	2.200	U							
2-Nitrophenol, Low Level Soil	ug/Kg	63.000	U							
3-Nitroaniline, Low Level Soil	ug/Kg	111.000	U							
Dimethyl phthalate, Low Level Soil	ug/Kg	3.600	U							
2,4-Dinitrophenol, Low Level Soil	ug/Kg	114.000	U							
Acenaphthylene, Low Level Soil	ug/Kg	0.910	U							
2,4-Dinitrotoluene, Low Level Soil	ug/Kg	1.700	U							
Acenaphthene, Low Level Soil	ug/Kg	1.400	U							
Dibenzofuran, Low Level Soil	ug/Kg	2.700	U							
4-Nitrophenol, Low Level Soil	ug/Kg	82.000	U							
Fluorene, Low Level Soil	ug/Kg	1.600	U							
4-Nitroaniline, Low Level Soil	ug/Kg	39.000	U							
4-Bromophenyl phenyl ether, Low Level	ug/Kg	3.100	U							
Hexachlorobenzene, Low Level Soil	ug/Kg	1.800	U							
Diethyl phthalate, Low Level Soil	ug/Kg	3.700	U							
4-Chlorophenyl phenyl ether, Low Level	ug/Kg	3.600	U							
Pentachlorophenol, Low Level Soil	ug/Kg	100.000	U							
n-Nitrosodiphenylamine, Low Level Soil	ug/Kg	2.900	U							
4,6-Dinitro-2-methylphenol, Low Level	ug/Kg	95.000	U							
Phenanthrene, Low Level Soil	ug/Kg	1.000	U							
Anthracene, Low Level Soil	ug/Kg	0.860	U							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738 Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		114560-001		04/16/2004	1521

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Carbazole, Low Level Soil	ug/Kg	35.000	U							
Di-n-butyl phthalate, Low Level Soil	ug/Kg	20.000	U							
Benzidine, Low Level Soil	ug/Kg	657.000	U							
Fluoranthene, Low Level Soil	ug/Kg	1.100	U							
Pyrene, Low Level Soil	ug/Kg	2.000	U							
Butyl benzyl phthalate, Low Level Soil	ug/Kg	4.100	U							
Benzo(a)anthracene, Low Level Soil	ug/Kg	1.100	U							
Chrysene, Low Level Soil	ug/Kg	1.800	U							
3,3-Dichlorobenzidine, Low Level Soil	ug/Kg	18.000	U							
Bis(2-ethylhexyl)phthalate, Low Level	ug/Kg	9.500	U							
Di-n-octyl phthalate, Low Level Soil	ug/Kg	8.700	U							
Benzo(b)fluoranthene, Low Level Soil	ug/Kg	2.100	U							
Benzo(k)fluoranthene, Low Level Soil	ug/Kg	2.800	U							
Benzo(a)pyrene, Low Level Soil	ug/Kg	2.200	U							
Indeno(1,2,3-cd)pyrene, Low Level Soil	ug/Kg	2.100	U							
Dibenzo(a,h)anthracene, Low Level Soil	ug/Kg	2.200	U							
Benzo(ghi)perylene, Low Level Soil	ug/Kg	1.900	U							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738

Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP5
Batch.....: 114626

Analyst...: tds

LCS	Laboratory Control Sample	M04CSPK001	114492-002		04/14/2004	1508

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Chromium, Diss.	mg/L	0.19287		0.20000	0.00150 U	96	%	80-120	
Lead, Diss.	mg/L	0.10430		0.10000	0.00290 U	104	%	80-120	
Silver, Diss.	mg/L	0.04825		0.05000	0.00310 U	96	%	80-120	

LCS	Laboratory Control Sample	M04CSPK001	114510-002		04/14/2004	1801

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	179.24		200.00	2.40 U	90	%	80-120	
Arsenic, Solid	mg/Kg	8.38		10.00	0.51 U	84	%	80-120	
Barium, Solid	mg/Kg	179.17		200.00	0.16 U	90	%	80-120	
Beryllium, Solid	mg/Kg	4.33		5.00	0.04 U	87	%	80-120	
Cadmium, Solid	mg/Kg	4.37		5.00	0.08 U	87	%	80-120	
Calcium, Solid	mg/Kg	923.61		1000.00	5.26 B	92	%	80-120	
Chromium, Solid	mg/Kg	18.25		20.00	0.22 U	91	%	80-120	
Cobalt, Solid	mg/Kg	44.46		50.00	0.14 U	89	%	80-120	
Copper, Solid	mg/Kg	23.18		25.00	0.90 U	93	%	80-120	
Iron, Solid	mg/Kg	100.79		100.00	6.00	101	%	80-120	
Lead, Solid	mg/Kg	9.66		10.00	0.43 U	97	%	80-120	
Magnesium, Solid	mg/Kg	880.67		1000.00	1.70 U	88	%	80-120	
Manganese, Solid	mg/Kg	47.67		50.00	0.13 U	95	%	80-120	
Nickel, Solid	mg/Kg	44.64		50.00	0.25 U	89	%	80-120	
Potassium, Solid	mg/Kg	829.56		1000.00	20.65 B	83	%	80-120	
Selenium, Solid	mg/Kg	8.01		10.00	0.40 U	80	%	80-120	
Silver, Solid	mg/Kg	4.41		5.00	0.31 U	88	%	80-120	
Sodium, Solid	mg/Kg	837.21		1000.00	86.70 U	84	%	80-120	
Vanadium, Solid	mg/Kg	45.67		50.00	0.21 U	91	%	80-120	
Zinc, Solid	mg/Kg	43.98		50.00	0.40 U	88	%	80-120	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738

Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP5
Batch.....: 114626

Analyst...: tds

MB	Method Blank	114492	114492-001		04/14/2004	1502

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Chromium, Diss.	mg/L	0.00150	U							
Lead, Diss.	mg/L	0.00290	U							
Silver, Diss.	mg/L	0.00310	U							

MB	Method Blank	114510	114510-001		04/14/2004	1754

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	2.40	U							
Arsenic, Solid	mg/Kg	0.51	U							
Barium, Solid	mg/Kg	0.16	U							
Beryllium, Solid	mg/Kg	0.04	U							
Cadmium, Solid	mg/Kg	0.08	U							
Calcium, Solid	mg/Kg	5.26	B							
Chromium, Solid	mg/Kg	0.22	U							
Cobalt, Solid	mg/Kg	0.14	U							
Copper, Solid	mg/Kg	0.90	U							
Iron, Solid	mg/Kg	6.00								
Lead, Solid	mg/Kg	0.43	U							H
Magnesium, Solid	mg/Kg	1.70	U							
Manganese, Solid	mg/Kg	0.13	U							
Nickel, Solid	mg/Kg	0.25	U							
Potassium, Solid	mg/Kg	20.65	B							
Selenium, Solid	mg/Kg	0.40	U							
Silver, Solid	mg/Kg	0.31	U							
Sodium, Solid	mg/Kg	86.70	U							
Vanadium, Solid	mg/Kg	0.21	U							
Zinc, Solid	mg/Kg	0.40	U							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738

Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MD	Method Duplicate		225738-2		04/14/2004	1828

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP5
Batch.....: 114626

Analyst...: tds

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	9812.50				10315.84		5.0	R	20.0	
Arsenic, Solid	mg/Kg	22.78				27.52		18.9	R	20.0	
Barium, Solid	mg/Kg	125.37				109.40		13.6	R	20.0	
Beryllium, Solid	mg/Kg	0.37	B			0.39	B	0.02	A	0.43	
Cadmium, Solid	mg/Kg	0.09	U			0.09	U	0	A	0.21	
Calcium, Solid	mg/Kg	3441.57				3503.58		1.8	R	20.0	
Chromium, Solid	mg/Kg	13.12				14.31		8.7	R	20.0	
Cobalt, Solid	mg/Kg	7.03				6.97		0.9	R	20.0	
Copper, Solid	mg/Kg	13.44				13.60		1.1	R	20.0	
Iron, Solid	mg/Kg	14406.35				15092.61		4.7	R	20.0	
Lead, Solid	mg/Kg	29.39				36.86		22.6	R	20.0	
Magnesium, Solid	mg/Kg	2289.80				2439.20		6.3	R	20.0	
Manganese, Solid	mg/Kg	533.82				497.45		7.1	R	20.0	
Nickel, Solid	mg/Kg	14.39				14.82		3.0	R	20.0	
Potassium, Solid	mg/Kg	945.06				943.04		0.2	R	20.0	
Selenium, Solid	mg/Kg	0.43	U			0.43	U	0.13	A	1.06	
Silver, Solid	mg/Kg	0.33	U			0.33	U	0	A	0.53	
Vanadium, Solid	mg/Kg	26.83				27.99		4.3	R	20.0	
Zinc, Solid	mg/Kg	38.68				39.19		1.3	R	20.0	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738

Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	M04CSPK001	225738-2		04/14/2004	1834

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP5
Batch.....: 114626

Analyst...: tds

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	15272.22		211.30	10315.84	2346	%	75-125	4
Arsenic, Solid	mg/Kg	33.41		10.56	27.52	56	%	75-125	N
Barium, Solid	mg/Kg	306.90		211.30	109.40	93	%	75-125	
Beryllium, Solid	mg/Kg	4.71		5.28	0.39 B	89	%	75-125	
Cadmium, Solid	mg/Kg	4.23		5.28	0.08 U	80	%	75-125	
Calcium, Solid	mg/Kg	4413.15		1056.00	3503.58	86	%	75-125	
Chromium, Solid	mg/Kg	35.42		21.13	14.31	100	%	75-125	
Cobalt, Solid	mg/Kg	49.96		52.81	6.97	81	%	75-125	
Copper, Solid	mg/Kg	38.00		26.41	13.60	92	%	75-125	
Iron, Solid	mg/Kg	16570.37		105.60	15092.61	1399	%	75-125	4
Lead, Solid	mg/Kg	36.21		10.56	36.86	-6	%	75-125	N
Magnesium, Solid	mg/Kg	3694.47		1056.00	2439.20	119	%	75-125	
Manganese, Solid	mg/Kg	539.29		52.81	497.45	79	%	75-125	4
Nickel, Solid	mg/Kg	58.80		52.81	14.82	83	%	75-125	
Potassium, Solid	mg/Kg	2437.25		1056.00	943.04	141	%	75-125	N
Selenium, Solid	mg/Kg	8.45		10.56	0.42 U	80	%	75-125	
Silver, Solid	mg/Kg	4.40		5.28	0.33 U	83	%	75-125	
Vanadium, Solid	mg/Kg	81.22		52.81	27.99	101	%	75-125	
Zinc, Solid	mg/Kg	85.17		52.81	39.19	87	%	75-125	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738 — Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. — PROJECT: GSA - SLOP — ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	M04CSPK001	225738-2		04/14/2004	1841

Test Method.....: 6010B — Equipment Code....: ICP5 — Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) — Batch.....: 114626

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	15364.42	15272.22	223.30	10315.84		2261	%	75-125	
							3.7	R	20	
Arsenic, Solid	mg/Kg	40.27	33.41	11.16	27.52		114	%	75-125	
							68.2	R	20	*
Barium, Solid	mg/Kg	318.01	306.90	223.30	109.40		93	%	75-125	
							0.0	R	20	
Beryllium, Solid	mg/Kg	5.06	4.71	5.58	0.39	B	91	%	75-125	
							2.2	R	20	
Cadmium, Solid	mg/Kg	4.58	4.23	5.58	0.09	U	82	%	75-125	
							2.5	R	20	
Calcium, Solid	mg/Kg	4628.84	4413.15	1116.00	3503.58		101	%	75-125	
							16.0	R	20	
Chromium, Solid	mg/Kg	37.12	35.42	22.33	14.31		102	%	75-125	
							2.0	R	20	
Cobalt, Solid	mg/Kg	53.78	49.96	55.82	6.97		84	%	75-125	
							3.6	R	20	
Copper, Solid	mg/Kg	39.16	38.00	27.91	13.60		92	%	75-125	
							0.0	R	20	
Iron, Solid	mg/Kg	15744.21	16570.37	111.60	15092.61		584	%	75-125	4
							82.2	R	20	*
Lead, Solid	mg/Kg	35.01	36.21	11.16	36.86		-17	%	75-125	N
							-95.7	R	20	
Magnesium, Solid	mg/Kg	3687.21	3694.47	1116.00	2439.20		112	%	75-125	
							6.1	R	20	
Manganese, Solid	mg/Kg	524.88	539.29	55.82	497.45		49	%	75-125	4
							46.9	R	20	*
Nickel, Solid	mg/Kg	62.25	58.80	55.82	14.82		85	%	75-125	
							2.4	R	20	
Potassium, Solid	mg/Kg	2434.34	2437.25	1116.00	943.04		134	%	75-125	N
							5.1	R	20	
Selenium, Solid	mg/Kg	8.93	8.45	11.16	0.45	U	80	%	75-125	
							0.0	R	20	
Silver, Solid	mg/Kg	4.71	4.40	5.58	0.35	U	84	%	75-125	
							1.2	R	20	
Vanadium, Solid	mg/Kg	83.85	81.22	55.82	27.99		100	%	75-125	
							1.0	R	20	
Zinc, Solid	mg/Kg	86.24	85.17	55.82	39.19		84	%	75-125	
							3.5	R	20	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738 — Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. — PROJECT: GSA - SLOP — ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
SD	Serial Dilution		225738-2		04/14/2004	1821

Test Method.....: 6010B — Equipment Code....: ICP5 — Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) — Batch.....: 114626

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	2301.49				10315.84		11.6	D	10.0	E
Arsenic, Solid	mg/Kg	5.88				27.52		6.8	D	10.0	
Barium, Solid	mg/Kg	23.97				109.40		9.5	D	10.0	
Beryllium, Solid	mg/Kg	0.07	B			0.39	B				
Cadmium, Solid	mg/Kg	0.08	U			0.08	U				
Calcium, Solid	mg/Kg	790.57				3503.58		12.8	D	10.0	E
Chromium, Solid	mg/Kg	3.17				14.31		10.6	D	10.0	E
Cobalt, Solid	mg/Kg	1.55				6.97					
Copper, Solid	mg/Kg	2.87				13.60					
Iron, Solid	mg/Kg	3418.80				15092.61		13.3	D	10.0	E
Lead, Solid	mg/Kg	8.51				36.86		15.5	D	10.0	E
Magnesium, Solid	mg/Kg	564.22				2439.20		15.7	D	10.0	E
Manganese, Solid	mg/Kg	112.14				497.45		12.7	D	10.0	E
Nickel, Solid	mg/Kg	3.35				14.82		13.0	D	10.0	E
Potassium, Solid	mg/Kg	199.46				943.04		5.8	D	10.0	
Selenium, Solid	mg/Kg	0.42	U			0.42	U				
Silver, Solid	mg/Kg	0.33	U			0.33	U				
Vanadium, Solid	mg/Kg	6.14				27.99		9.6	D	10.0	
Zinc, Solid	mg/Kg	9.06				39.19		15.6	D	10.0	E

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738

Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	M04CSPK001	114510-002		04/15/2004	0018

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP4
Batch.....: 114726

Analyst...: tds

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Antimony, Solid	mg/Kg	44.15		50.00	0.90 U	88	%	80-120	
Thallium, Solid	mg/Kg	9.30		10.00	0.66 U	93	%	80-120	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	M04CSPK001	114596-002		04/15/2004	0408

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Iron	mg/L	0.95691		1.00000	0.03960 U	96	%	80-120	
Lead	mg/L	0.10638		0.10000	0.00290 U	106	%	80-120	
Manganese	mg/L	0.49856		0.50000	0.00071 U	100	%	80-120	
Selenium	mg/L	0.09745		0.10000	0.00500 U	97	%	80-120	
Sodium	mg/L	9.47061		10.00000	0.49500 U	95	%	80-120	
Thallium	mg/L	0.10022		0.10000	0.00690 U	100	%	80-120	
Zinc	mg/L	0.48125		0.50000	0.01020 U	96	%	80-120	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738 Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank	114510	114510-001		04/15/2004	0012

Test Method.....: 6010B Equipment Code....: ICP4 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 114726

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Antimony, Solid	mg/Kg	0.90 U							
Thallium, Solid	mg/Kg	0.66 U							

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank	114596	114596-001		04/15/2004	0402

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Iron	mg/L	0.03960 U							
Lead	mg/L	0.00290 U							
Manganese	mg/L	0.00071 U							
Selenium	mg/L	0.00500 U							
Sodium	mg/L	0.49500 U							
Thallium	mg/L	0.00690 U							
Zinc	mg/L	0.01020 U							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738

Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MD	Method Duplicate		225738-2		04/15/2004	0037

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP4
Batch.....: 114726

Analyst...: tds

Parameter/Test Description	Units	QC Result		True Value	Orig. Value		QC Calc.	*	Limits	F
Antimony, Solid	mg/Kg	1.23	B		1.45	B	0.22	A	2.13	
Sodium, Solid	mg/Kg	402.78			426.29		23.51	A	106.30	
Thallium, Solid	mg/Kg	0.70	U		0.70	U	8.76	A	1.06	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738

Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	M04CSPK001	225738-2		04/15/2004	0043

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP4
Batch.....: 114726

Analyst...: tds

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Antimony, Solid	mg/Kg	17.78		52.81	1.45	B	34	%	75-125	N
Sodium, Solid	mg/Kg	1364.07		1056.00	426.29		89	%	75-125	
Thallium, Solid	mg/Kg	9.02		10.56	0.70	U	85	%	75-125	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738 Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	M04CSPK001	225738-2		04/15/2004	0049

Test Method.....: 6010B Equipment Code....: ICP4 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 114726

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Antimony, Solid	mg/Kg	18.07	17.78	55.82	1.45	B	32	%	75-125	
							6.1	R	20	
Sodium, Solid	mg/Kg	1424.82	1364.07	1116.00	426.29		89	%	75-125	
							0.0	R	20	
Thallium, Solid	mg/Kg	9.93	9.02	11.16	0.74	U	89	%	75-125	
							4.6	R	20	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738 Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
SD	Serial Dilution		225738-2		04/15/2004	0030

Test Method.....: 6010B Equipment Code....: ICP4 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 114726

Parameter/Test Description	Units	QC Result		True Value	Orig. Value		QC Calc.	*	Limits	F
Antimony, Solid	mg/Kg	0.94	U		1.45	B				
Sodium, Solid	mg/Kg	91.00	U		426.29					
Thallium, Solid	mg/Kg	0.69	U		0.69	U				

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225738 Report Date.: 04/23/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Test Method.....: Method Batch.....: 114386 Analyst...: pfk
Method Description.: % Solids Determination Equipment Code....: Test Code.: %SOLID
Parameter.....: % Solids

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Tim
MB	114386-001		%	0.1000 U								04/12/2004	1000

Test Method.....: Method Batch.....: 114387 Analyst...: pfk
Method Description.: % Solids Determination Equipment Code....: Test Code.: %SOLID
Parameter.....: % Solids

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Tim
MB	114387-001		%	0.1000 U								04/12/2004	1030
MD	225738-1		%	80.00000			80.10000	0.1		R	5.0	04/12/2004	1030

Test Method.....: 7471A Batch.....: 114797 Analyst...: gok
Method Description.: Mercury (CVAA) Solids Equipment Code....: HG4 Test Code.: HG
Parameter.....: Mercury

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Tim
MB	114795-007		mg/Kg	0.00 U								04/15/2004	1448
LCS	114795-008	MO2ESTK010	mg/Kg	0.17		0.17	0.00 U	101		%	80-120	04/15/2004	145

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

REPORT COMMENTS

1) All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.
2) Soil, sediment and sludge sample results are reported on a "dry weight" basis except when analyzed for landfill disposal or incineration parameters. All other solid matrix samples are reported on an "as received" basis unless noted differently.
3) Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.
4) The test results for the noted analytical method(s) meet the requirements of NELAC. Lab Cert. ID# 100201
5) According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH Field) they were not analyzed immediately, but as soon as possible on laboratory receipt.

Glossary of flags, qualifiers and abbreviations (any number of which may appear in the report)

Inorganic Qualifiers (Q-Column)

U	Analyte was not detected at or above the stated limit.
<	Not detected at or above the reporting limit.
J	Result is less than the RL, but greater than or equal to the method detection limit.
B	Result is less than the CRDL/RL, but greater than or equal to the IDL/MDL.
S	Result was determined by the Method of Standard Additions.
F	AFCEE: Result is less than the RL, but greater than or equal to the method detection limit.

Inorganic Flags (Flag Column)

'	ICV,CCV,ICB,CCB,ISA,ISB,CRI,CRA,MRL: Instrument related QC exceed the upper or lower control limits.
*	LCS, LCD, MD: Batch QC exceeds the upper or lower control limits.
+	MSA correlation coefficient is less than 0.995.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
E	SD: Serial dilution exceeds the control limits.
H	MB, EB1, EB2, EB3: Batch QC is greater than reporting limit or had a negative instrument reading lower than the absolute value of the reporting limit.
N	MS, MSD: Spike recovery exceeds the upper or lower control limits.
W	AS(GFAA) Post-digestion spike was outside 85-115% control limits.

Organic Qualifiers (Q - Column)

U	Analyte was not detected at or above the stated limit.
ND	Compound not detected.
J	Result is an estimated value below the reporting limit or a tentatively identified compound (TIC).
Q	Result was qualitatively confirmed, but not quantified.
C	Pesticide identification was confirmed by GC/MS.
Y	The chromatographic response resembles a typical fuel pattern.
Z	The chromatographic response does not resemble a typical fuel pattern.
E	Result exceeded calibration range, secondary dilution required.
F	AFCEE:Result is an estimated value below the reporting limit or a tentatively identified compound (TIC)

Organic Flags (Flags Column)

B	MB: Batch QC is greater than reporting limit.
*	LCS, LCD, ELC, ELD, CV, MS, MSD, Surrogate: Batch QC exceeds the upper or lower control limits.
'	EB1, EB2, EB3, MLE: Batch QC is greater than reporting Limit
A	Concentration exceeds the instrument calibration range
a	Concentration is below the method Reporting Limit (RL)
B	Compound was found in the blank and sample.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution will be flagged with a D.
H	Alternate peak selection upon analytical review
I	Indicates the presence of an interfence, recovery is not calculated.
M	Manually integrated compound.
P	The lower of the two values is reported when the % difference between the results of two GC columns is

greater than 25%.

Abbreviations

AS	Post Digestion Spike (GFAA Samples - See Note 1 below)
Batch	Designation given to identify a specific extraction, digestion, preparation set, or analysis set
CAP	Capillary Column CCB Continuing Calibration Blank
CCV	Continuing Calibration Verification
CF	Confirmation analysis of original
C1	Confirmation analysis of A1 or D1
C2	Confirmation analysis of A2 or D2
C3	Confirmation analysis of A3 or D3
CRA	Low Level Standard Check - GFAA; Mercury
CRI	Low Level Standard Check - ICP
CV	Calilbration Verification Standard
Dil Fac	Dilution Factor - Secondary dilution analysis
D1	Dilution 1
D2	Dilution 2
D3	Dilution 3
DLFac	Detection Limit Factor
DSH	Distilled Standard - High Level
DSL	Distilled Standard - Low Level
DSM	Distilled Standard - Medium Level
EB1	Extraction Blank 1
EB2	Extraction Blank 2
EB3	DI Blank
ELC	Method Extracted LCS
ELD	Method Extracted LCD
ICAL	Initial calibration
ICB	Initial Calibration Blank
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ISA	Interference Check Sample A - ICAP
ISB	Interference Check Sample B - ICAP
Job No.	The first six digits of the sample ID which refers to a specific client, project and sample group Lab ID An 8 number unique laboratory identification
LCD	Laboratory Control Standard Duplicate
LCS	Laboratory Control Standard with reagent grade water or a matrix free from the analyte of interest
MB	Method Blank or (PB) Preparation Blank
MD	Method Duplicate
MDL	Method Detection Limit
MLE	Medium Level Extraction Blank
MRL	Method Reporting Limit Standard
MSA	Method of Standard Additions
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Not Detected
PREPF	Preparation factor used by the Laboratory's Information Management System (LIMS)
PDS	Post Digestion Spike (ICAP)
RA	Re-analysis of original
A1	Re-analysis of D1
A2	Re-analysis of D2
A3	Re-analysis of D3
RD	Re-extraction of dilution
RE	Re-extraction of original
RC	Re-extraction Confirmation
RL	Reporting Limit
RPD	Relative Percent Difference of duplicate (unrounded) analyses
RRF	Relative Response Factor
RT	Retention Time

RTW	Retention Time Window Sample ID A 9 digit number unique for each sample, the first six digits are referred as the job number
SCB	Seeded Control Blank
SD	Serial Dilution (Calculated when sample concentration exceeds 50 times the MDL)
UCB	Unseeded Control Blank
SSV	Second Source Verification Standard
SLCS	Solid Laboratory Control Standard(LCS)
PHC	pH Calibration Check LCSP pH Laboratory Control Sample
LCDP	pH Laboratory Control Sample Duplicate
MDPH	pH Sample Duplicate
MDFP	Flashpoint Sample Duplicate
LCFP	Flashpoint LCS
G1	Gelex Check Standard Range 0-1
G2	Gelex Check Standard Range 1-10
G3	Gelex Check Standard Range 10-100
G4	Gelex Check Standard Range 100-1000

Note 1: The Post Spike Designation on Batch QC for GFAA is designated with an "S" added to the current abbreviation used. EX. LCS S=LCS Post Spike (GFAA); MSS=MS Post Spike (GFAA)
Note 2: The MD calculates an absolute difference (A) when the sample concentration is less than 5 times the reporting limit. The control limit is represented as +/- the RL.

SEVERN TRENT **STL**

STL Chicago
2417 Bond Street
University Park, IL 60466
Phone: 708-534-5200
Fax: 708-534-5211

Report To:
Contact: Jerrett Domling
Company: SCS Engineers
Address: 10401 Holmes Rd Suite 400
Kansas City, Mo
Phone: (816) 941 7510
Fax:
E-Mail: jdomling@SCSEngineers.com

Bill To:
Contact: Sandy Weeks
Company:
Address: (same)
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only 1 of 8

Lab Lot# 225738

Package Sealed (Yes) No	Samples Sealed Yes (No)
Received on Ice (Yes) No	Samples Intact (Yes) No
Temperature °C of Cooler: 5.6	
Within Hold Time (Yes) No	Preserv. Indicated Yes No (NA)
pH Check OK Yes No (NA)	Res Cl_2 Check OK Yes No (NA)
Sample Labels and COC Agree (Yes) No	COC not present

Sampler Name: Jerrett Domling
Signature: (b) (6)
Project Name: GSA SLOP
Project Number: 02200070.27
Project Location: St. Louis, Mo
Date Required Hard Copy: ___/___/___ Fax: ___/___/___
Lab PM: Dick Wright

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	Lead	Arsenic	PCB's	Metals	SVOC's	Additional Analyses / Remarks
1		112 SS 30 (shallow)	4.7.04	3:05	S	G	X	X	X			
2		112 SS 27 (shallow)	4.7.04	2:45	S	G			X	X		
3		112 SS 26 (deep)	4.7.04	2:40	S	G			X	X		
4		112 SS 28 (shallow)	4.7.04	2:50	S	G			X	X		
5		112 SS 25 (deep)	4.7.04	2:15	S	G			X	X		
6		112 Press Valt SS 23	4.7.04	1:45	S	G			X	X		
7		112 Press Valt SS 24	4.7.04	2:05	S	G			X	X		
8		Tunnel Sump 1	4.8.04	1:15	SE	G				X		
9		102D SS-1 (deep)	4.8.04	9:15	S	G				X	X	
10		112 Sample 45 (shavings)	4.7.04	4:30	MS	G	X					
11		102D SS-2 (deep)	4.8.04	9:30	S	G				X	X	
12		102D SS-5 (deep)	4.8.04	10:20	S	G				X	X	

RELINQUISHED BY	(b) (6)	COMPANY	SCS Engineers	DATE	4.8.04	TIME	
RELINQUISHED BY	(b) (6)	COMPANY		DATE		TIME	
RECEIVED BY		COMPANY		DATE		TIME	
RECEIVED BY		COMPANY		DATE	4-9-04	TIME	0840

Matrix Key
WW = Wastewater, W = Water, S = Soil, SL = Sludge, MS = Miscellaneous, OL = Oil, [redacted] = Air, SE = Sediment, SO = Solid, DS = Drum Solid, DL = Drum Liquid, L = Leachate, WI = Wipe, [redacted] = [redacted]

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other
7. [redacted]

Preservative Key
1. HCl, Cool to 4°
2. H_2SO_4, Cool to 4°
3. HNO_3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. [redacted]

COMMENTS

Date Received 4.9.04
Courier: FX Hand Delivered ☐
Bill of Lading

SEVERN TRENT **STL**

STL Chicago
2417 Bond Street
University Park, IL 60466
Phone: 708-534-5200
Fax: 708-534-5211

Report To:
Contact: Jerrett Domling
Company: SCS Engineers
Address: 10401 Holmes Rd Suite 400
Kansas City MO
Phone: (816) 941-7510
Fax:
E-Mail: jdomling@scsengineers.com

Bill To:
Contact: Sandy Weeks
Company:
Address: (same)
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only

Lab Lot# 225738

Package Sealed	Samples Sealed
Yes No	Yes No
Received on Ice	**Samples Intact**
Yes No	Yes No
Temperature °C of Cooler	
Within Hold Time	**Preserv. Indicated**
Yes No	Yes No NA
pH Check OK	**Res Cl_2 Check OK**
Yes No NA	Yes No NA
Sample Labels and COC Agree	
Yes No	COC not present

Sampler Name: Jerrett Domling
Signature: (b) (6)
Project Name: GSA SLOP
Project Number: 02200070.27
Project Location: St. Louis, Mo
Date Required Hard Copy: ___/___/___ Fax: ___/___/___
Lab PM: Dick Wright

Refrg #											
# / Cont.											
Volume											
Preserv											

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	PCB's	Lead	TPH	GRO	Metals					Additional Analyses / Remarks
13		PCB Wipe Tunnel 104F	4-8-04	1:20	WI	G	X									
14		112 PCB Wipe 4	4-7-04	11:45	WI	G	X									
15		112 PCB Wipe 5	4-7-04	11:50	WI	G	X									
16		E 112T Sed	4-5-04	4:10	SE	G		X								
17		112 Utility Tunnel	4-5-04	4:00	SE	G		X								
18		110 SS-1	4-6-04	3:30	SE	G			X	X						
19		112 Tunnel Sed 1 (TS1)	4-5-04	4:05	SE	G		X								
20		13 102C Soil from tank	4-6-04	5:41	S	G					X					
21		13 112 Tunnel S	4-5-04	4:20	SE	G		X								
22		13 112 Tunnel Sed N	4-5-04	4:15	SG	G		X								
23		13 112 T Sed Far South	4-5-04	4:25	SE	G	X	X								
24		13 104 T. Sed in sump	4-5-04	4:30	SE	G	X	X			X					All metals

RELINQUISHED BY	COMPANY	DATE	TIME	RELINQUISHED BY	COMPANY	DATE	TIME
(b) (6)	SCS Engineers	4-8-04		(b) (6)	VTZ	4-9-04	0840

Matrix Key
WW = Wastewater, W = Water, S = Soil, SL = Sludge, MS = Miscellaneous, OL = Oil, A = Air, SE = Sediment, SO = Solid, DS = Drum Solid, DL = Drum Liquid, L = Leachate, WI = Wipe, O = _____

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other _____

Preservative Key
1. HCl, Cool to 4°
2. H_2SO_4, Cool to 4°
3. HNO_3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None

COMMENTS

Date Received 4-9-04
Courier: FX **Hand Delivered** ☐
Bill of Lading

SEVERN TRENT STL

STL Chicago
2417 Bond Street
University Park, IL 60466

Tel: 708 534 5200 Fax: 708 534 5211
www.stl-inc.com

SEVERN TRENT LABORATORIES ANALYTICAL REPORT

JOB NUMBER: 225741

Prepared For:

SCS Engineers, Inc.
10401 Holmes Road
Suite 400
Kansas City, MO 64131

Project: GSA - SLOP - Investigation

Attention: David Brewer

Date: 04/22/2004

(b) (6) [redacted]

Signature

Name: Richard C. Wright

Title: Project Manager

E-Mail: rwright@stl-inc.com

4/22/04

Date

STL Chicago
2417 Bond Street
University Park, IL 60466

PHONE: (708) 534-5200
FAX..: (708) 534-5211

This Report Contains (50) Pages

Severn Trent Laboratories - Chicago
METALS CASE NARRATIVE

Client: SCS Engineers, Inc.
Project: GSA - SLOP
STL#: 225741

Date Rec'd: 04/09/04

1. This narrative covers Metals analysis of samples in the above Job 225741.

   Method Refs: USEPA, SW-846

2. All analyses were performed within the required holding times.

3. All Initial and Continuing Calibration Verification (ICV/CCV's) were within control limits.

4. All Initial and Continuing Calibration Blanks (ICB/CCB's) were within control limits.

5. All ICP Interference (ICSA/ICSAB) Check Standards were within control limits.

6. All Preparation/Method Blanks were less than the Reporting Limit except for Prep Batch 114619 for Ca (11 mg/Kg). The Ca concentration in the Sample (2) was greater than ten times the MB concentration, therefore reanalysis was not required.

7. Laboratory Control Sample (LCS) recoveries were within the 80-120% control limits.

8. Matrix QC not requested.

(b) (6)

Jodi L. Wojcik
Metals Section Manager

4-19-04
Date

STL Chicago
Extractable Hydrocarbon Case Narrative

SCS Engineers
GSA – SLOP - Investigation
Job #: 225741-1
Diesel Range Organics (DRO)

1. The soil sample was extracted based on SW846 method 3550. The extracts were analyzed for DRO based on SW846 method 8015B. An HP5890 gas chromatograph equipped with a flame ionization detector and Xti-5 column was used for the analysis.

2. All required holding times were met for the extraction and the analysis.

3. The method blank was below the reporting limit for DRO.

4. The surrogate compounds used for this analysis were o-Terphenyl and 2-Fluorobiphenyl. All surrogate recoveries were within statistical control limits.

5. The blank spike recovery was within statistical control limits. A solution of Diesel Fuel was used for spiking.

6. A matrix spike and a matrix spike duplicate were not performed on this sample.

7. A Diesel Fuel #2 standard was used for quantitating DRO results, using a hydrocarbon range from C10 through C28. An alkane standard ranging from C8 through C36 was analyzed to establish retention time windows.

8. All initial and continuing standard calibrations associated with this sample were in control.

9. This sample did not have DRO detected.

(b) (6) [redacted]

Patti Gibson
Organics Section Manager

4/22/04
Date

Severn Trent Laboratories Chicago
GC Volatile Case Narrative

SCS Engineers, Inc./GSA-SLOP
JOB# 225741
Method - GRO

1. All required holding times were met for the analysis.

2. The MB (Method Blank) sample was clean (no detectable GRO).

3. The surrogate compounds used for this analysis were 4-Bromofluorobenzene and a,a,a-Trifluorotoluene. All samples had all surrogate recoveries within the in-house generated QC limits.

4. The LCS (Laboratory Control Sample) sample had the spike recovery within the in-house generated QC limits.

5. MS/MSD (Matrix Spike/Matrix Spike Duplicate) analyses were not performed on this sample batch.

6. All initial calibration and calibration verification standards were within the control limits.

7. The samples were analyzed for Gasoline Range Organics (GRO) based on SW846 methods 5030 and 8015B. A HP 5890 gas chromatograph equipped with a flame-ionization detector (FID) and a Tekmar LSC 2000/2016 ALS was used for the analysis of these samples. The samples were analyzed using the low-level method. All results were reported on a dry-weight basis.

(b) (6) [redacted]

Gary Rynkar
GC/VOA Section Manager

4/22/14
Date

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SAMPLE INFORMATION
Date: 04/22/2004

Job Number.: 225741
Customer...: SCS Engineers, Inc.
Attn.....: David Brewer

Project Number.....: 20002601
Customer Project ID....: GSA - SLOP
Project Description....: GSA - SLOP - Investigation

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
225741-1	110 SS-1	Soil	04/06/2004	15:30	04/09/2004	08:40
225741-2	B 102B SOIL SAMPLE 1	Soil	04/06/2004	17:25	04/09/2004	08:40
225741-3	112 WIPE 13	Wipe	04/06/2004	16:25	04/09/2004	08:40
225741-4	112 WIPE 14	Wipe	04/06/2004	16:30	04/09/2004	08:40
225741-5	112 WIPE 12	Wipe	04/06/2004	16:20	04/09/2004	08:40
225741-6	112 WIPE 2 WOOD SHELF	Wipe	04/06/2004	15:15	04/09/2004	08:40
225741-7	112 WIPE 15 REMELT ROOM	Wipe	04/06/2004	16:35	04/09/2004	08:40
225741-8	112 WIPE 3 PIPE	Wipe	04/06/2004	15:20	04/09/2004	08:40
225741-9	112 WIPE 17	Wipe	04/06/2004	16:55	04/09/2004	08:40
225741-10	112 WIPE 9 WRAPPED PIPE	Wipe	04/06/2004	16:50	04/09/2004	08:40
225741-11	112 WIPE 4 METAL VENT	Wipe	04/06/2004	15:25	04/09/2004	08:40
225741-12	112 WIPE 7	Wipe	04/06/2004	15:40	04/09/2004	08:40
225741-13	112 WIPE 6	Wipe	04/06/2004	15:35	04/09/2004	08:40
225741-14	112 WIPE 1	Wipe	04/06/2004	15:05	04/09/2004	08:40
225741-15	112 WIPE 16	Wipe	04/06/2004	16:50	04/09/2004	08:40
225741-16	112 WIPE 18 VALTCASE PIPE	Wipe	04/06/2004	17:00	04/09/2004	08:40
225741-17	112 WIPE 8	Wipe	04/06/2004	15:45	04/09/2004	08:40
225741-18	112 WIPE 11 WRAPPED PIPE	Wipe	04/06/2004	16:10	04/09/2004	08:40
225741-19	112 WIPE 5	Wipe	04/06/2004	15:30	04/09/2004	08:40
225741-20	B112 WIPE 10 (PILLAR)	Wipe	04/06/2004	16:00	04/09/2004	08:40

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LABORATORY TEST RESULTS

Job Number: 225741

Date:04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 110 SS-1
Date Sampled.....: 04/06/2004
Time Sampled.....: 15:30
Sample Matrix.....: Soil

Laboratory Sample ID: 225741-1
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DI	DATE/TIME	TECH
8015B MDRO	TPH - Diesel Range Organics (DRO)											
	Diesel Range Organics (DRO), 3541 Solid*	ND	U		3.1	5.0	1.00000	mg/Kg	115302		04/15/04 1604	pjg
Method	% Solids Determination											
	% Solids, Solid	80.6			0.10	0.10	1	%	114386		04/12/04 1000	pfk
	% Moisture, Solid	19.4			0.10	0.10	1	%	114386		04/12/04 1000	pfk
8015B MGRO	TPH - Gasoline Range Organics (GRO)											
	Gasoline Range Organics (GRO), Solid*	ND	U		12	62	1.00000	ug/Kg	114924		04/14/04 0232	wre

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225741 Date:04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: B 102B SOIL SAMPLE 1
Date Sampled.....: 04/06/2004
Time Sampled.....: 17:25
Sample Matrix.....: Soil

Laboratory Sample ID: 225741-2
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	88.6			0.10	0.10	1	%	114386		04/12/04 1000	pfk
	% Moisture, Solid	11.4			0.10	0.10	1	%	114386		04/12/04 1000	pfk
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	ND	U		0.0049	0.019	1	mg/Kg	114797		04/15/04 1550	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	6200			2.6	21	1	mg/Kg	114822		04/16/04 0524	lmr
	Antimony, Solid*	2.5			0.96	2.1	1	mg/Kg	114822		04/16/04 0524	lmr
	Arsenic, Solid*	2.9			0.54	1.1	1	mg/Kg	114822		04/16/04 0524	lmr
	Barium, Solid*	44			0.17	1.1	1	mg/Kg	114822		04/16/04 0524	lmr
	Beryllium, Solid*	0.63			0.047	0.43	1	mg/Kg	114822		04/16/04 0524	lmr
	Cadmium, Solid*	ND	U		0.085	0.21	1	mg/Kg	114964		04/17/04 1546	lmr
	Calcium, Solid*	3800			3.3	11	1	mg/Kg	114822		04/16/04 0524	lmr
	Chromium, Solid*	36			0.23	1.1	1	mg/Kg	114822		04/16/04 0524	lmr
	Cobalt, Solid*	0.96			0.15	0.53	1	mg/Kg	114822		04/16/04 0524	lmr
	Copper, Solid*	20			0.96	1.1	1	mg/Kg	114822		04/16/04 0524	lmr
	Iron, Solid*	40000			3.2	5.3	1	mg/Kg	114822		04/16/04 0524	lmr
	Lead, Solid*	17			0.46	0.53	1	mg/Kg	114822		04/16/04 0524	lmr
	Magnesium, Solid*	1000			1.8	11	1	mg/Kg	114822		04/16/04 0524	lmr
	Manganese, Solid*	30			0.14	1.1	1	mg/Kg	114822		04/16/04 0524	lmr
	Nickel, Solid*	3.0			0.27	1.1	1	mg/Kg	114822		04/16/04 0524	lmr
	Potassium, Solid*	920			15	53	1	mg/Kg	114822		04/16/04 0524	lmr
	Selenium, Solid*	ND	U		0.43	1.1	1	mg/Kg	114822		04/16/04 0524	lmr
	Silver, Solid*	ND	U		0.33	0.53	1	mg/Kg	114822		04/16/04 0524	lmr
	Sodium, Solid*	520			92	110	1	mg/Kg	114822		04/16/04 0524	lmr
	Thallium, Solid*	ND	U		0.70	1.1	1	mg/Kg	114822		04/16/04 0524	lmr
	Vanadium, Solid*	58			0.22	0.53	1	mg/Kg	114964		04/17/04 1546	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225741

Date:04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: B 102B SOIL SAMPLE 1
Date Sampled.....: 04/06/2004
Time Sampled.....: 17:25
Sample Matrix.....: Soil

Laboratory Sample ID: 225741-2
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Zinc, Solid*	5.6			0.43	2.1	1	mg/Kg	114822		04/16/04 0524	lmr

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 225741

Date:04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 WIPE 13
Date Sampled.....: 04/06/2004
Time Sampled.....: 16:25
Sample Matrix.....: Wipe

Laboratory Sample ID: 225741-3
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
6010B	Metals Analysis (ICAP Trace) Lead, Wipe	0.016			0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0449	tds

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 225741

Date:04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 WIPE 14
Date Sampled.....: 04/06/2004
Time Sampled.....: 16:30
Sample Matrix.....: Wipe

Laboratory Sample ID: 225741-4
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
6010B	Metals Analysis (ICAP Trace) Lead, Wipe	0.011			0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0503	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225741

Date:04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 WIPE 12
Date Sampled.....: 04/06/2004
Time Sampled.....: 16:20
Sample Matrix.....: Wipe

Laboratory Sample ID: 225741-5
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
6010B	Metals Analysis (ICAP Trace) Lead, Wipe	0.17			0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0509	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225741

Date:04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 WIPE 2 WOOD SHELF
Date Sampled.....: 04/06/2004
Time Sampled.....: 15:15
Sample Matrix.....: Wipe

Laboratory Sample ID: 225741-6
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
60108	Metals Analysis (ICAP Trace) Lead, Wipe	2.7			0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0516	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225741 Date:04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 WIPE 15 REMELT ROOM
Date Sampled.....: 04/06/2004
Time Sampled.....: 16:35
Sample Matrix.....: Wipe

Laboratory Sample ID: 225741-7
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
6010B	Metals Analysis (ICAP Trace) Lead, Wipe	0.018			0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0523	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225741

Date:04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 WIPE 3 PIPE
Date Sampled.....: 04/06/2004
Time Sampled.....: 15:20
Sample Matrix.....: Wipe

Laboratory Sample ID: 225741-8
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
6010B	Metals Analysis (ICAP Trace) Lead, Wipe	0.55			0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0530	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225741

Date:04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 WIPE 17
Date Sampled.....: 04/06/2004
Time Sampled.....: 16:55
Sample Matrix.....: Wipe

Laboratory Sample ID: 225741-9
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
6010B	Metals Analysis (ICAP Trace) Lead, Wipe	7.9			0.002	0.002	5	mg/Wipe	114817		04/16/04 2000	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225741

Date:04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 WIPE 9 WRAPPED PIPE
Date Sampled.....: 04/06/2004
Time Sampled.....: 16:50
Sample Matrix.....: Wipe

Laboratory Sample ID: 225741-10
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
6010B	Metals Analysis (ICAP Trace) Lead, Wipe	0.14			0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0612	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225741

Date:04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 WIPE 4 METAL VENT
Date Sampled.....: 04/06/2004
Time Sampled.....: 15:25
Sample Matrix.....: Wipe

Laboratory Sample ID: 225741-11
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
6010B	Metals Analysis (ICAP Trace) Lead, Wipe	0.093			0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0619	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225741

Date:04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 WIPE 7
Date Sampled.....: 04/06/2004
Time Sampled.....: 15:40
Sample Matrix.....: Wipe

Laboratory Sample ID: 225741-12
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	0.98			0.020	0.020	1	mg/Wipe	114738		04/16/04 0626	tds
	Antimony, Wipe	ND	U		0.0020	0.0020	1	mg/Wipe	114738		04/16/04 0626	tds
	Arsenic, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	114738		04/16/04 0626	tds
	Barium, Wipe	0.076			0.0010	0.0010	1	mg/Wipe	114738		04/16/04 0626	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	114738		04/16/04 0626	tds
	Cadmium, Wipe	0.0002			0.0002	0.0002	1	mg/Wipe	114738		04/16/04 0626	tds
	Calcium, Wipe	14			0.010	0.010	1	mg/Wipe	114738		04/16/04 0626	tds
	Chromium, Wipe	0.0027			0.0010	0.0010	1	mg/Wipe	114738		04/16/04 0626	tds
	Cobalt, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0626	tds
	Copper, Wipe	0.0036			0.0010	0.0010	1	mg/Wipe	114738		04/16/04 0626	tds
	Iron, Wipe	0.88			0.0050	0.0050	1	mg/Wipe	114738		04/16/04 0626	tds
	Lead, Wipe	0.026			0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0626	tds
	Magnesium, Wipe	0.50			0.010	0.010	1	mg/Wipe	114738		04/16/04 0626	tds
	Manganese, Wipe	0.030			0.0010	0.0010	1	mg/Wipe	114738		04/16/04 0626	tds
	Nickel, Wipe	0.0010			0.0010	0.0010	1	mg/Wipe	114738		04/16/04 0626	tds
	Potassium, Wipe	0.34			0.050	0.050	1	mg/Wipe	114738		04/16/04 0626	tds
	Selenium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	114738		04/16/04 0626	tds
	Silver, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0626	tds
	Sodium, Wipe	0.32			0.10	0.10	1	mg/Wipe	114738		04/16/04 0626	tds
	Thallium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	114738		04/16/04 0626	tds
	Vanadium, Wipe	0.0017			0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0626	tds
	Zinc, Wipe	0.11			0.0020	0.0020	1	mg/Wipe	114738		04/16/04 0626	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225741

Date:04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 WIPE 6
Date Sampled.....: 04/06/2004
Time Sampled.....: 15:35
Sample Matrix.....: Wipe

Laboratory Sample ID: 225741-13
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
6010B	Metals Analysis (ICAP Trace) Lead, Wipe	0.034			0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0633	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225741

Date:04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 WIPE 1
Date Sampled.....: 04/06/2004
Time Sampled.....: 15:05
Sample Matrix.....: Wipe

Laboratory Sample ID: 225741-14
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	0.62			0.020	0.020	1	mg/Wipe	114738		04/16/04 0639	tds
	Antimony, Wipe	ND	U		0.0020	0.0020	1	mg/Wipe	114738		04/16/04 0639	tds
	Arsenic, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	114738		04/16/04 0639	tds
	Barium, Wipe	0.0050			0.0010	0.0010	1	mg/Wipe	114738		04/16/04 0639	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	114738		04/16/04 0639	tds
	Cadmium, Wipe	ND	U		0.0002	0.0002	1	mg/Wipe	114738		04/16/04 0639	tds
	Calcium, Wipe	14			0.010	0.010	1	mg/Wipe	114738		04/16/04 0639	tds
	Chromium, Wipe	0.0014			0.0010	0.0010	1	mg/Wipe	114738		04/16/04 0639	tds
	Cobalt, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0639	tds
	Copper, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	114738		04/16/04 0639	tds
	Iron, Wipe	0.48			0.0050	0.0050	1	mg/Wipe	114738		04/16/04 0639	tds
	Lead, Wipe	0.017			0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0639	tds
	Magnesium, Wipe	0.42			0.010	0.010	1	mg/Wipe	114738		04/16/04 0639	tds
	Manganese, Wipe	0.020			0.0010	0.0010	1	mg/Wipe	114738		04/16/04 0639	tds
	Nickel, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	114738		04/16/04 0639	tds
	Potassium, Wipe	0.29			0.050	0.050	1	mg/Wipe	114738		04/16/04 0639	tds
	Selenium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	114738		04/16/04 0639	tds
	Silver, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0639	tds
	Sodium, Wipe	0.47			0.10	0.10	1	mg/Wipe	114738		04/16/04 0639	tds
	Thallium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	114738		04/16/04 0639	tds
	Vanadium, Wipe	0.0010			0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0639	tds
	Zinc, Wipe	0.020			0.0020	0.0020	1	mg/Wipe	114738		04/16/04 0639	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225741 Date:04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 WIPE 16
Date Sampled.....: 04/06/2004
Time Sampled.....: 16:50
Sample Matrix.....: Wipe

Laboratory Sample ID: 225741-15
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
6010B	Metals Analysis (ICAP Trace) Lead, Wipe	0.018			0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0646	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225741

Date:04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 WIPE 18 VALTCASE PIPE
Date Sampled.....: 04/06/2004
Time Sampled.....: 17:00
Sample Matrix.....: Wipe

Laboratory Sample ID: 225741-16
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
6010B	Metals Analysis (ICAP Trace) Lead, Wipe	0.63			0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0653	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225741 Date:04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA SLOP ATTN: David Brewer

Customer Sample ID: 112 WIPE 8
Date Sampled.....: 04/06/2004
Time Sampled.....: 15:45
Sample Matrix.....: Wipe

Laboratory Sample ID: 225741-17
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	0.40			0.020	0.020	1	mg/Wipe	114738		04/16/04 0700	tds
	Antimony, Wipe	ND	U		0.0020	0.0020	1	mg/Wipe	114738		04/16/04 0700	tds
	Arsenic, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	114738		04/16/04 0700	tds
	Barium, Wipe	0.076			0.0010	0.0010	1	mg/Wipe	114738		04/16/04 0700	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	114738		04/16/04 0700	tds
	Cadmium, Wipe	0.0008			0.0002	0.0002	1	mg/Wipe	114738		04/16/04 0700	tds
	Calcium, Wipe	9.0			0.010	0.010	1	mg/Wipe	114738		04/16/04 0700	tds
	Chromium, Wipe	0.012			0.0010	0.0010	1	mg/Wipe	114738		04/16/04 0700	tds
	Cobalt, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0700	tds
	Copper, Wipe	0.0011			0.0010	0.0010	1	mg/Wipe	114738		04/16/04 0700	tds
	Iron, Wipe	0.68			0.0050	0.0050	1	mg/Wipe	114738		04/16/04 0700	tds
	Lead, Wipe	0.080			0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0700	tds
	Magnesium, Wipe	0.19			0.010	0.010	1	mg/Wipe	114738		04/16/04 0700	tds
	Manganese, Wipe	0.013			0.0010	0.0010	1	mg/Wipe	114738		04/16/04 0700	tds
	Nickel, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	114738		04/16/04 0700	tds
	Potassium, Wipe	0.29			0.050	0.050	1	mg/Wipe	114738		04/16/04 0700	tds
	Selenium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	114738		04/16/04 0700	tds
	Silver, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0700	tds
	Sodium, Wipe	0.36			0.10	0.10	1	mg/Wipe	114738		04/16/04 0700	tds
	Thallium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	114738		04/16/04 0700	tds
	Vanadium, Wipe	0.001			0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0700	tds
	Zinc, Wipe	0.049			0.0020	0.0020	1	mg/Wipe	114817		04/16/04 2011	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225741

Date:04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 WIPE 11 WRAPPED PIPE
Date Sampled.....: 04/06/2004
Time Sampled.....: 16:10
Sample Matrix.....: Wipe

Laboratory Sample ID: 225741-18
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
6010B	Metals Analysis (ICAP Trace) Lead, Wipe	0.029			0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0706	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225741

Date:04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: 112 WIPE 5
Date Sampled.....: 04/06/2004
Time Sampled.....: 15:30
Sample Matrix.....: Wipe

Laboratory Sample ID: 225741-19
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
6010B	Metals Analysis (ICAP Trace) Lead, Wipe	0.023			0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0713	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 225741

Date:04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Customer Sample ID: B112 WIPE 10 (PILLAR)
Date Sampled.....: 04/06/2004
Time Sampled.....: 16:00
Sample Matrix.....: Wipe

Laboratory Sample ID: 225741-20
Date Received.....: 04/09/2004
Time Received.....: 08:40

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
6010B	Metals Analysis (ICAP Trace) Lead, Wipe	0.031			0.0005	0.0005	1	mg/Wipe	114738		04/16/04 0749	tds

* In Description = Dry Wgt.

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LABORATORY CHRONICLE

Job Number: 225741 — Date: 04/22/2004

CUSTOMER: SCS Engineers, Inc. — PROJECT: GSA - SLOP — ATTN: David Brewer

Lab ID: 225741-1 Client ID: 110 SS-1 — Date Recvd: 04/09/2004 Sample Date: 04/06/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	114386		04/12/2004 1000	
5030A	5030 Purge & Trap	1	114922		04/13/2004 2100	
EDD	Electronic Data Deliverable	1				
3541	Extraction Soxhlet (DRO)	1	114500		04/13/2004 0900	
8015B MDRO	TPH - Diesel Range Organics (DRO)	1	115302	114500	04/15/2004 1604	1.00000
8015B MGRO	TPH - Gasoline Range Organics (GRO)	1	114924	114922	04/14/2004 0232	1.00000

Lab ID: 225741-2 Client ID: B 102B SOIL SAMPLE 1 — Date Recvd: 04/09/2004 Sample Date: 04/06/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	114386		04/12/2004 1000	
3050B	Acid Digestion: Solids (ICAP)	1	114619		04/14/2004 1000	
7471A	Mercury (CVAA) Solids	1	114797	114795	04/15/2004 1550	
6010B	Metals Analysis (ICAP Trace)	1	114822	114619	04/16/2004 0524	
6010B	Metals Analysis (ICAP Trace)	1	114964	114619	04/17/2004 1546	
7470/7471	SW846 Digestion (Hg)	1	114795		04/15/2004 1235	

Lab ID: 225741-3 Client ID: 112 WIPE 13 — Date Recvd: 04/09/2004 Sample Date: 04/06/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	114595		04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595	04/16/2004 0449	

Lab ID: 225741-4 Client ID: 112 WIPE 14 — Date Recvd: 04/09/2004 Sample Date: 04/06/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	114595		04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595	04/16/2004 0503	

Lab ID: 225741-5 Client ID: 112 WIPE 12 — Date Recvd: 04/09/2004 Sample Date: 04/06/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	114595		04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595	04/16/2004 0509	

Lab ID: 225741-6 Client ID: 112 WIPE 2 WOOD SHELF — Date Recvd: 04/09/2004 Sample Date: 04/06/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	114595		04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595	04/16/2004 0516	

Lab ID: 225741-7 Client ID: 112 WIPE 15 REMELT ROOM — Date Recvd: 04/09/2004 Sample Date: 04/06/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	114595		04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595	04/16/2004 0523	

Lab ID: 225741-8 Client ID: 112 WIPE 3 PIPE — Date Recvd: 04/09/2004 Sample Date: 04/06/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	114595		04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595	04/16/2004 0530	

Lab ID: 225741-9 Client ID: 112 WIPE 17 — Date Recvd: 04/09/2004 Sample Date: 04/06/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	114595		04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114817	114595	04/16/2004 2000	5

Lab ID: 225741-10 Client ID: 112 WIPE 9 WRAPPED PIPE — Date Recvd: 04/09/2004 Sample Date: 04/06/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	114595		04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595	04/16/2004 0612	

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LABORATORY CHRONICLE

Job Number: 225741 Date: 04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Lab ID: 225741-11 Client ID: 112 WIPE 4 METAL VENT Date Recvd: 04/09/2004 Sample Date: 04/06/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	114595		04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595	04/16/2004 0619	

Lab ID: 225741-12 Client ID: 112 WIPE 7 Date Recvd: 04/09/2004 Sample Date: 04/06/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	114595		04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595	04/16/2004 0626	

Lab ID: 225741-13 Client ID: 112 WIPE 6 Date Recvd: 04/09/2004 Sample Date: 04/06/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	114595		04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595	04/16/2004 0633	

Lab ID: 225741-14 Client ID: 112 WIPE 1 Date Recvd: 04/09/2004 Sample Date: 04/06/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	114595		04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595	04/16/2004 0639	

Lab ID: 225741-15 Client ID: 112 WIPE 16 Date Recvd: 04/09/2004 Sample Date: 04/06/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	114595		04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595	04/16/2004 0646	

Lab ID: 225741-16 Client ID: 112 WIPE 18 VALTCASE PIPE Date Recvd: 04/09/2004 Sample Date: 04/06/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	114595		04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595	04/16/2004 0653	

Lab ID: 225741-17 Client ID: 112 WIPE 8 Date Recvd: 04/09/2004 Sample Date: 04/06/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	114595		04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595	04/16/2004 0700	
6010B	Metals Analysis (ICAP Trace)	1	114817	114595	04/16/2004 2011	

Lab ID: 225741-18 Client ID: 112 WIPE 11 WRAPPED PIPE Date Recvd: 04/09/2004 Sample Date: 04/06/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	114595		04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595	04/16/2004 0706	

Lab ID: 225741-19 Client ID: 112 WIPE 5 Date Recvd: 04/09/2004 Sample Date: 04/06/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	114595		04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595	04/16/2004 0713	

Lab ID: 225741-20 Client ID: B112 WIPE 10 (PILLAR) Date Recvd: 04/09/2004 Sample Date: 04/06/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	114595		04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595	04/16/2004 0749	

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SURROGATE RECOVERIES REPORT

Job Number.: 225741

Report Date.: 04/22/2004

CUSTOMER: SCS Engineers, Inc.? PROJECT: GSA - SLOP ATTN: David Brewer

Method.....: TPH - Diesel Range Organics (DRO)
Method Code...: 8015D

Test Matrix...: 3541 Solid
Batch(s).....: 115302

Prep Batch..: 114500

Lab ID	DT	Sample ID	Date	2FLUBP	OTERPH
LCS			04/15/2004	92	93
MB			04/15/2004	80	81
225741- 1		110 SS-1	04/15/2004	74	81

Test	Test Description	Limits
2FLUBP	2-Fluorobiphenyl (surr)	48 - 103
OTERPH	o-Terphenyl (surr)	44 - 128

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SURROGATE RECOVERIES REPORT

Job Number.: 225741 Report Date.: 04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Method.....: TPH - Gasoline Range Organics (GRO) Test Matrix...: Solid Prep Batch..: 114922
Method Code...: 8015G Batch(s).....: 114924

Lab ID	DT	Sample ID	Date	ATFT	BRFLBE
LCS			04/14/2004	101	97
MB			04/13/2004	97	94
225741- 1		110 SS-1	04/14/2004	87	83

Test	Test Description	Limits
ATFT	a,a,a-Trifluorotoluene	68 - 113
BRFLBE	4-Bromofluorobenzene (surr)	41 - 125

QUALITY CONTROL RESULTS

Job Number.: 225741

Report Date.: 04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	004CWLDIEA	114500-002		04/15/2004	1427

Test Method.....: 8015B MDRO
Method Description.: TPH - Diesel Range Organics (DRO)

Equipment Code....: INST09
Batch.....: 115302

Analyst...: pjg

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Diesel Range Organics (DRO), 3541 Soli	mg/Kg	60.950		66.670	2.600 U	91	%	70-106	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225741

Report Date.: 04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		114500-001		04/15/2004	1350

Test Method.....: 8015B MDRO
Method Description.: TPH - Diesel Range Organics (DRO)

Equipment Code....: INST09
Batch.....: 115302

Analyst...: pjg

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Diesel Range Organics (DRO), 3541 Soli	mg/Kg	2.600 U							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225741

Report Date.: 04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	G04D13DSA	114922-002		04/14/2004	0010

Test Method.....: 8015B MGRO
Method Description.: TPH - Gasoline Range Organics (GRO)

Equipment Code....: INST1314
Batch.....: 114924

Analyst...: wre

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Gasoline Range Organics (GRO), Solid	ug/Kg	397.238		400.000	9.500 U	99	%	79-130	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225741

Report Date.: 04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		114922-001		04/13/2004	2334

Test Method.....: 8015B MGRO
Method Description.: TPH - Gasoline Range Organics (GRO)

Equipment Code....: INST1314
Batch.....: 114924

Analyst...: wre

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Gasoline Range Organics (GRO), Solid	ug/Kg	9.500 U							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225741 — Report Date.: 04/22/2004

CUSTOMER: SCS Engineers, Inc. — PROJECT: GSA - SLOP — ATTN: David Brewer

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 6010B — Equipment Code....: ICP5 — Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) — Batch.....: 114738

LCS	Laboratory Control Sample	M04CSPK001	114594-002		04/15/2004	2355

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	184.69		200.00		92	%	80-120	
Antimony, Solid	mg/Kg	43.74		50.00		87	%	80-120	
Arsenic, Solid	mg/Kg	8.99		10.00		90	%	80-120	
Barium, Solid	mg/Kg	185.68		200.00		93	%	80-120	
Beryllium, Solid	mg/Kg	4.50		5.00		90	%	80-120	
Cadmium, Solid	mg/Kg	4.56		5.00		91	%	80-120	
Calcium, Solid	mg/Kg	954.80		1000.00		95	%	80-120	
Chromium, Solid	mg/Kg	19.02		20.00		95	%	80-120	
Cobalt, Solid	mg/Kg	46.46		50.00		93	%	80-120	
Copper, Solid	mg/Kg	23.92		25.00		96	%	80-120	
Iron, Solid	mg/Kg	97.78		100.00		98	%	80-120	
Lead, Solid	mg/Kg	9.93		10.00		99	%	80-120	
Magnesium, Solid	mg/Kg	915.87		1000.00		92	%	80-120	
Manganese, Solid	mg/Kg	49.09		50.00		98	%	80-120	
Nickel, Solid	mg/Kg	46.45		50.00		93	%	80-120	
Potassium, Solid	mg/Kg	884.46		1000.00		88	%	80-120	
Selenium, Solid	mg/Kg	8.70		10.00		87	%	80-120	
Silver, Solid	mg/Kg	4.60		5.00		92	%	80-120	
Sodium, Solid	mg/Kg	859.80		1000.00		86	%	80-120	
Vanadium, Solid	mg/Kg	47.07		50.00		94	%	80-120	

LCS	Laboratory Control Sample	M98CSK1158	114594-003		04/16/2004	0002

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Lead, Solid	mg/Kg	183.76		208.80		88	%	80-120	

LCS	Laboratory Control Sample	M04CSPK001	114595-002		04/16/2004	0443

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Wipe	mg/Wipe	0.18109		0.20000	0.02000 U	91	%	80-120	
Antimony, Wipe	mg/Wipe	0.04324		0.05000	0.00200 U	86	%	80-120	
Arsenic, Wipe	mg/Wipe	0.00880		0.01000	0.00100 U	88	%	80-120	
Barium, Wipe	mg/Wipe	0.18244		0.20000	0.00100 U	91	%	80-120	
Beryllium, Wipe	mg/Wipe	0.00445		0.00500	0.00040 U	89	%	80-120	
Cadmium, Wipe	mg/Wipe	0.00454		0.00500	0.00020 U	91	%	80-120	
Calcium, Wipe	mg/Wipe	0.94174		1.00000	0.01000 U	94	%	80-120	
Chromium, Wipe	mg/Wipe	0.01882		0.02000	0.00100 U	94	%	80-120	
Cobalt, Wipe	mg/Wipe	0.04588		0.05000	0.00050 U	92	%	80-120	
Copper, Wipe	mg/Wipe	0.02350		0.02500	0.00100 U	94	%	80-120	
Iron, Wipe	mg/Wipe	0.09398		0.10000	0.00500 U	94	%	80-120	
Lead, Wipe	mg/Wipe	0.00991		0.01000	0.00050 U	99	%	80-120	
Magnesium, Wipe	mg/Wipe	0.90225		1.00000	0.01000 U	90	%	80-120	
Manganese, Wipe	mg/Wipe	0.04846		0.05000	0.00100 U	97	%	80-120	
Nickel, Wipe	mg/Wipe	0.04595		0.05000	0.00100 U	92	%	80-120	
Potassium, Wipe	mg/Wipe	0.87326		1.00000	0.05000 U	87	%	80-120	
Selenium, Wipe	mg/Wipe	0.00862		0.01000	0.00100 U	86	%	80-120	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225741

Report Date.: 04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	M04CSPK001	114595-002		04/16/2004	0443

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits
Silver, Wipe	mg/Wipe	0.00450		0.00500	0.00050 U	90	%	80-120
Sodium, Wipe	mg/Wipe	0.84362		1.00000	0.10000 U	84	%	80-120
Thallium, Wipe	mg/Wipe	0.00928		0.01000	0.00100 U	93	%	80-120
Vanadium, Wipe	mg/Wipe	0.04642		0.05000	0.00050 U	93	%	80-120
Zinc, Wipe	mg/Wipe	0.04500		0.05000	0.00200 U	90	%	80-120

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225741 Report Date.: 04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 6010B Equipment Code....: ICP5 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 114738

MB	Method Blank	114594	114594-001		04/15/2004	2349

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	4.34	B							
Antimony, Solid	mg/Kg	0.90	U							
Arsenic, Solid	mg/Kg	0.51	U							
Barium, Solid	mg/Kg	0.16	U							
Beryllium, Solid	mg/Kg	0.04	U							
Cadmium, Solid	mg/Kg	0.08	U							
Calcium, Solid	mg/Kg	4.54	B							
Chromium, Solid	mg/Kg	0.22	U							
Cobalt, Solid	mg/Kg	0.14	U							
Copper, Solid	mg/Kg	0.90	U							
Iron, Solid	mg/Kg	3.00	U							
Lead, Solid	mg/Kg	0.43	U							
Magnesium, Solid	mg/Kg	3.84	B							
Manganese, Solid	mg/Kg	0.13	U							
Nickel, Solid	mg/Kg	0.25	U							
Potassium, Solid	mg/Kg	20.36	B							
Selenium, Solid	mg/Kg	0.40	U							
Silver, Solid	mg/Kg	0.31	U							
Sodium, Solid	mg/Kg	86.70	U							
Vanadium, Solid	mg/Kg	0.21	U							

MB	Method Blank	114595	114595-001		04/16/2004	0436

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Wipe	mg/Wipe	0.02000	U							
Antimony, Wipe	mg/Wipe	0.00200	U							
Arsenic, Wipe	mg/Wipe	0.00100	U							
Barium, Wipe	mg/Wipe	0.00100	U							
Beryllium, Wipe	mg/Wipe	0.00040	U							
Cadmium, Wipe	mg/Wipe	0.00020	U							
Calcium, Wipe	mg/Wipe	0.01000	U							
Chromium, Wipe	mg/Wipe	0.00100	U							
Cobalt, Wipe	mg/Wipe	0.00050	U							
Copper, Wipe	mg/Wipe	0.00100	U							
Iron, Wipe	mg/Wipe	0.00500	U							
Lead, Wipe	mg/Wipe	0.00050	U							
Magnesium, Wipe	mg/Wipe	0.01000	U							
Manganese, Wipe	mg/Wipe	0.00100	U							
Nickel, Wipe	mg/Wipe	0.00100	U							
Potassium, Wipe	mg/Wipe	0.05000	U							
Selenium, Wipe	mg/Wipe	0.00100	U							
Silver, Wipe	mg/Wipe	0.00050	U							
Sodium, Wipe	mg/Wipe	0.10000	U							
Thallium, Wipe	mg/Wipe	0.00100	U							
Vanadium, Wipe	mg/Wipe	0.00050	U							
Zinc, Wipe	mg/Wipe	0.00200	U							

 * %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225741

Report Date.: 04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
SD	Serial Dilution		225741-3		04/16/2004	0456

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP5
Batch.....: 114738

Analyst...: tds

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Lead, Wipe	mg/Wipe	0.00353			0.01632				

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225741 Report Date.: 04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 60108 Equipment Code....: ICP5 Analyst...: lmr
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 114817

LCS	Laboratory Control Sample	M04CSPK001	114690-002		04/16/2004	1326

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Lead, Solid	mg/Kg	9.82		10.00	0.43 U	98	%	80-120	

LCS	Laboratory Control Sample	M04CSPK001	114694-002		04/16/2004	1806

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Lead	mg/L	0.10054		0.10000	0.00290 U	101	%	80-120	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225741 Report Date.: 04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank	114690	114690-001		04/16/2004	1319

Test Method.....: 6010B Equipment Code....: ICP5 Analyst...: lmr
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 114817

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Lead, Solid	mg/Kg	0.43 U							

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank	114694	114694-001		04/16/2004	1759

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits
Lead	mg/L	0.00290 U						

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225741

Report Date.: 04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	M04CSPK001	114619-002		04/16/2004	0352

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP4
Batch.....: 114822

Analyst...: lmr

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	195.47		200.00	3.29	B	98	%	80-120	
Antimony, Solid	mg/Kg	46.84		50.00	0.90	U	94	%	80-120	
Arsenic, Solid	mg/Kg	9.88		10.00	0.51	U	99	%	80-120	
Barium, Solid	mg/Kg	191.69		200.00	0.16	U	96	%	80-120	
Beryllium, Solid	mg/Kg	4.83		5.00	0.04	U	97	%	80-120	
Calcium, Solid	mg/Kg	988.09		1000.00	11.01		99	%	80-120	
Chromium, Solid	mg/Kg	19.60		20.00	0.22	U	98	%	80-120	
Cobalt, Solid	mg/Kg	48.18		50.00	0.14	U	96	%	80-120	
Copper, Solid	mg/Kg	24.50		25.00	0.90	U	98	%	80-120	
Iron, Solid	mg/Kg	97.79		100.00	3.55	B	98	%	80-120	
Lead, Solid	mg/Kg	10.55		10.00	0.43	U	105	%	80-120	
Magnesium, Solid	mg/Kg	976.77		1000.00	2.36	B	98	%	80-120	
Manganese, Solid	mg/Kg	49.39		50.00	0.13	U	99	%	80-120	
Nickel, Solid	mg/Kg	48.43		50.00	0.25	U	97	%	80-120	
Potassium, Solid	mg/Kg	826.96		1000.00	13.80	U	83	%	80-120	
Selenium, Solid	mg/Kg	9.35		10.00	0.40	U	94	%	80-120	
Silver, Solid	mg/Kg	4.69		5.00	0.31	U	94	%	80-120	
Sodium, Solid	mg/Kg	955.03		1000.00	86.70	U	96	%	80-120	
Thallium, Solid	mg/Kg	9.35		10.00	0.66	U	93	%	80-120	
Zinc, Solid	mg/Kg	48.69		50.00	0.40	U	97	%	80-120	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225741

Report Date.: 04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank	114619	114619-001		04/16/2004	0345

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP4
Batch.....: 114822

Analyst...: lmr

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	3.29	B							
Antimony, Solid	mg/Kg	0.90	U							
Arsenic, Solid	mg/Kg	0.51	U							
Barium, Solid	mg/Kg	0.16	U							
Beryllium, Solid	mg/Kg	0.04	U							
Calcium, Solid	mg/Kg	11.01								
Chromium, Solid	mg/Kg	0.22	U							
Cobalt, Solid	mg/Kg	0.14	U							
Copper, Solid	mg/Kg	0.90	U							
Iron, Solid	mg/Kg	3.55	B							
Lead, Solid	mg/Kg	0.43	U							
Magnesium, Solid	mg/Kg	2.36	B							
Manganese, Solid	mg/Kg	0.13	U							
Nickel, Solid	mg/Kg	0.25	U							
Potassium, Solid	mg/Kg	13.80	U							
Selenium, Solid	mg/Kg	0.40	U							
Silver, Solid	mg/Kg	0.31	U							
Sodium, Solid	mg/Kg	86.70	U							
Thallium, Solid	mg/Kg	0.66	U							
Zinc, Solid	mg/Kg	0.40	U							

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225741

Report Date.: 04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	M04CSPK001	114619-002		04/17/2004	1453

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP5
Batch.....: 114964

Analyst...: lmr

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Vanadium, Solid	mg/Kg	49.45		50.00	0.21	U	99	%	80-120	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	M04CSPK001	114771-002		04/17/2004	2015

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Cadmium, Solid	mg/Kg	4.46		5.00	0.08	U	89	%	80-120	

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225741 Report Date.: 04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time

Test Method.....: 6010B Equipment Code....: ICP5 Analyst...: lmr
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 114964

MB	Method Blank	114619	114619-001		04/17/2004	1446

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Vanadium, Solid	mg/Kg	0.21	U							

MB	Method Blank	114771	114771-001		04/17/2004	2008

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits
Cadmium, Solid	mg/Kg	0.08	U						

 * %=% REC, R=RPD, A=ABS Diff., D=% Diff.

QUALITY CONTROL RESULTS

Job Number.: 225741 Report Date.: 04/22/2004

CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer

Test Method.....: Method Batch.....: 114386 Analyst...: pfk
Method Description.: % Solids Determination Equipment Code....: Test Code.: %SOLID
Parameter.....: % Solids

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Time
MB	114386-001		%	0.1000 U								04/12/2004	1000

Test Method.....: 7471A Batch.....: 114797 Analyst...: gok
Method Description.: Mercury (CVAA) Solids Equipment Code....: HG4 Test Code.: HG
Parameter.....: Mercury

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Time
MB	114795-007		mg/Kg	0.00 U								04/15/2004	1448
LCS	114795-008	M02ESTK010	mg/Kg	0.17		0.17	0.00 U	101		%	80-120	04/15/2004	1451

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

REPORT COMMENTS

1) All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.
2) Soil, sediment and sludge sample results are reported on a "dry weight" basis except when analyzed for landfill disposal or incineration parameters. All other solid matrix samples are reported on an "as received" basis unless noted differently.
3) Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.
4) The test results for the noted analytical method(s) meet the requirements of NELAC. Lab Cert. ID# 100201
5) According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH Field) they were not analyzed immediately, but as soon as possible on laboratory receipt.

Glossary of flags, qualifiers and abbreviations (any number of which may appear in the report)

Inorganic Qualifiers (Q-Column)

U	Analyte was not detected at or above the stated limit.
<	Not detected at or above the reporting limit.
J	Result is less than the RL, but greater than or equal to the method detection limit.
B	Result is less than the CRDL/RL, but greater than or equal to the IDL/MDL.
S	Result was determined by the Method of Standard Additions.
F	AFCEE: Result is less than the RL, but greater than or equal to the method detection limit.

Inorganic Flags (Flag Column)

'	ICV,CCV,ICB,CCB,ISA,ISB,CRI,CRA,MRL: Instrument related QC exceed the upper or lower control limits.
*	LCS, LCD, MD: Batch QC exceeds the upper or lower control limits.
+	MSA correlation coefficient is less than 0.995.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
E	SD: Serial dilution exceeds the control limits.
H	MB, EB1, EB2, EB3: Batch QC is greater than reporting limit or had a negative instrument reading lower than the absolute value of the reporting limit.
N	MS, MSD: Spike recovery exceeds the upper or lower control limits.
W	AS(GFAA) Post-digestion spike was outside 85-115% control limits.

Organic Qualifiers (Q - Column)

U	Analyte was not detected at or above the stated limit.
ND	Compound not detected.
J	Result is an estimated value below the reporting limit or a tentatively identified compound (TIC).
Q	Result was qualitatively confirmed, but not quantified.
C	Pesticide identification was confirmed by GC/MS.
Y	The chromatographic response resembles a typical fuel pattern.
Z	The chromatographic response does not resemble a typical fuel pattern.
E	Result exceeded calibration range, secondary dilution required.
F	AFCEE:Result is an estimated value below the reporting limit or a tentatively identified compound (TIC)

Organic Flags (Flags Column)

B	MB: Batch QC is greater than reporting limit.
*	LCS, LCD, ELC, ELD, CV, MS, MSD, Surrogate: Batch QC exceeds the upper or lower control limits.
'	EB1, EB2, EB3, MLE: Batch QC is greater than reporting Limit
A	Concentration exceeds the instrument calibration range
a	Concentration is below the method Reporting Limit (RL)
B	Compound was found in the blank and sample.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution will be flagged with a D.
H	Alternate peak selection upon analytical review
I	Indicates the presence of an interfence, recovery is not calculated.
M	Manually integrated compound.
P	The lower of the two values is reported when the % difference between the results of two GC columns is

greater than 25%.

Abbreviations

AS	Post Digestion Spike (GFAA Samples - See Note 1 below)
Batch	Designation given to identify a specific extraction, digestion, preparation set, or analysis set
CAP	Capillary Column CCB Continuing Calibration Blank
CCV	Continuing Calibration Verification
CF	Confirmation analysis of original
C1	Confirmation analysis of A1 or D1
C2	Confirmation analysis of A2 or D2
C3	Confirmation analysis of A3 or D3
CRA	Low Level Standard Check - GFAA; Mercury
CRI	Low Level Standard Check - ICP
CV	Calilbration Verification Standard
Dil Fac	Dilution Factor - Secondary dilution analysis
D1	Dilution 1
D2	Dilution 2
D3	Dilution 3
DLFac	Detection Limit Factor
DSH	Distilled Standard - High Level
DSL	Distilled Standard - Low Level
DSM	Distilled Standard - Medium Level
EB1	Extraction Blank 1
EB2	Extraction Blank 2
EB3	DI Blank
ELC	Method Extracted LCS
ELD	Method Extracted LCD
ICAL	Initial calibration
ICB	Initial Calibration Blank
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ISA	Interference Check Sample A - ICAP
ISB	Interference Check Sample B - ICAP
Job No.	The first six digits of the sample ID which refers to a specific client, project and sample group Lab ID An 8 number unique laboratory identification
LCD	Laboratory Control Standard Duplicate
LCS	Laboratory Control Standard with reagent grade water or a matrix free from the analyte of interest
MB	Method Blank or (PB) Preparation Blank
MD	Method Duplicate
MDL	Method Detection Limit
MLE	Medium Level Extraction Blank
MRL	Method Reporting Limit Standard
MSA	Method of Standard Additions
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Not Detected
PREPF	Preparation factor used by the Laboratory's Information Management System (LIMS)
PDS	Post Digestion Spike (ICAP)
RA	Re-analysis of original
A1	Re-analysis of D1
A2	Re-analysis of D2
A3	Re-analysis of D3
RD	Re-extraction of dilution
RE	Re-extraction of original
RC	Re-extraction Confirmation
RL	Reporting Limit
RPD	Relative Percent Difference of duplicate (unrounded) analyses
RRF	Relative Response Factor
RT	Retention Time

RTW	Retention Time Window Sample ID A 9 digit number unique for each sample, the first six digits are referred as the job number
SCB	Seeded Control Blank
SD	Serial Dilution (Calculated when sample concentration exceeds 50 times the MDL)
UCB	Unseeded Control Blank
SSV	Second Source Verification Standard
SLCS	Solid Laboratory Control Standard(LCS)
PHC	pH Calibration Check LCSP pH Laboratory Control Sample
LCDP	pH Laboratory Control Sample Duplicate
MDPH	pH Sample Duplicate
MDFP	Flashpoint Sample Duplicate
LCFP	Flashpoint LCS
G1	Gelex Check Standard Range 0-1
G2	Gelex Check Standard Range 1-10
G3	Gelex Check Standard Range 10-100
G4	Gelex Check Standard Range 100-1000

Note 1: The Post Spike Designation on Batch QC for GFAA is designated with an "S" added to the current abbreviation used. EX. LCS S=LCS Post Spike (GFAA); MSS=MS Post Spike (GFAA)
Note 2: The MD calculates an absolute difference (A) when the sample concentration is less than 5 times the reporting limit. The control limit is represented as +/- the RL.

SEVERN TRENT **STL**

STL Chicago
2417 Bond Street
University Park, IL 60466
Phone: 708-534-5200
Fax: 708-534-5211

Report To:
Contact: Jerret Domling
Company: SCS Engineers
Address: 10401 Holmes Rd $uite 400
Kansas City MO
Phone: (816) 941-7510
Fax:
E-Mail: jdomling@scsengineers.com

Bill To:
Contact: Sandy Weeks
Company:
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only 1 of 8

Lab Lot# 225741

Package Sealed	Samples Sealed
Yes No	Yes No
Received on Ice	**Samples Intact**
Yes No	Yes No

Temperature °C of Cooler 5.3

Within Hold Time	Preserv. Indicated
Yes No	Yes No NA
pH Check OK	**Res Cl_2 Check OK**
Yes No NA	Yes No NA

Sample Labels and COC Agree
Yes No COC not present

Sampler Name: Jerret Domling
Signature: (b) (6)
Project Name: GSA SLOP
Project Number: 02200070.27
Project Location: St. Louis, MO
Lab PM: Dick Wright
Date Required
Hard Copy: ___/___/___
Fax: ___/___/___

Refrg #												
# / Cont.												
Volume												
Preserv												

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	TPH	DRO	Metals	Lead	Additional Analyses / Remarks
1		110 SS-1	4-6-04	3:30	S	G	X	X			
2		B 102B Soil Sample 1	4-6-04	5:25	S	G			X		
3		112 Wipe 13	4-6-04	4:25	WI	G				X	
4		112 Wipe 14	4-6-04	4:30	WI	G				X	
5		112 Wipe 12	4-6-04	4:20	WI	G					
6		112 Wipe 2 (woodshelf)	4-6-04	3:15	WI	G				X	
7		112 Wipe 15 remelt room	4-6-04	4:35	WI	G				X	
8		112 Wipe 3 (pipe)	4-6-04	3:20	WI	G				X	
9		112 Wipe 17	4-6-04	4:55	WI	G				X	
10		112 Wipe 9 (wrapped pipe)	4-6-04	4:50	WI	G				X	
11		112 Wipe 4 (metal vent)	4-6-04	3:25	WI	G				X	
12		112 Wipe 7	4-6-04	3:40	WI	G			X	X	All metals

RELINQUISHED BY	(b) (6)	COMPANY	SCS Engineers	DATE	4-8-04	TIME	
RELINQUISHED BY		COMPANY		DATE		TIME	
	(b) (6)	COMPANY	STL	DATE	4-9-04	TIME	0840
		COMPANY		DATE		TIME	

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous
OL = Oil
A = Air
SE = Sediment
SO = Solid
DS = Drum Solid
DL = Drum Liquid
L = Leachate
WI = Wipe
O = _____

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other _____

Preservative Key
1. HCl, Cool to 4°
2. H_2SO_4, Cool to 4°
3. HNO_3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None

COMMENTS

Date Received / /
Courier: **Hand Delivered** ☐
Bill of Lading

SEVERN TRENT **STL**

STL Chicago
2417 Bond Street
University Park, IL 60466
Phone: 708-534-5200
Fax: 708-534-5211

Report To:
Contact: Jerrett Domling
Company: SCS Engineers
Address: 10401 Holmes Rd Suite 400 Kansas City, MO
Phone: (816) 941-7510
Fax:
E-Mail: jdomling@scsengineers.com

Bill To:
Contact: Sandy Weeks
Company: SCS Engineers
Address: (same)
Phone:
Fax:
PO#: Quote:

Lab Lot# 225741

Package Sealed	Samples Sealed
(Yes) No	Yes (No)
Received on Ice	**Samples Intact**
(Yes) No	(Yes) No

Temperature °C of Cooler 5.3

Sampler Name: Jerrett Domling
Signature: (b) (6) [redacted]
Project Name: GSA SLOP
Project Number: 0220070.27
Project Location: St Louis MO
Lab PM: Dick Wright
Date Required
Hard Copy: ___/___/___
Fax: ___/___/___

Within Hold Time	Preserv. Indicated
(Yes) No	(Yes) No NA
pH Check OK	**Res Cl_2 Check OK**
Yes No (NA)	Yes No (NA)

Sample Labels and COC Agree
Yes (No) See lab note COC not present

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	Refrg #	# / Cont.	Volume	Preserv	Lead	Metals	Additional Analyses / Remarks
13		112 Wipe 6	4.6.04	3:35	WI	G					X		
14		112 Wipe 1	4.6.04	3:05	WI	G						X	
15		112 Wipe 16	4.6.04	4:50	WI	G					X		
16		112 Wipe 18 (valtcase pipe)	4.6.04	5:00	WI	G					X		
17		112 Wipe 8	4.6.04	3:45	WI	G						X	
18		112 Wipe 11 (wrapped pipe)	4.6.04	4:10	WI	G					X		
19		112 Wipe 5	4.6.04	3:30	WI	G					X		
20		Blk Wipe 10 (pillars & casing vault)	4.6.04	4:00									

RELINQUISHED (b) (6) [redacted] COMPANY SCS Engineers DATE 4.8.04 TIME
RELINQUISHED (b) (6) [redacted] COMPANY STL DATE 4-9-04 TIME 0840

Matrix Key
WW = Wastewater, W = Water, S = Soil, SL = Sludge, MS = Miscellaneous, OL = Oil, A = Air, SE = Sediment, SO = Solid, DS = Drum Solid, DL = Drum Liquid, L = Leachate, WI = Wipe, O = [redacted]

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None

COMMENTS

Date Received 4.9.04
Courier: **Hand Delivered** ☐
Bill of Lading

Note Number	: 59377	JOB
Date	: 4/12/2004	
Author	: nsm	
Subject	: SDR - include with final report	

Project Code....:		
Location Code...:	57222	
Job/Sales Order.:	225741	GSA - SLOP - INVESTI
Customer.....:	SCSENGINEE	SCS Engineers, Inc.
Contact Location:	KANSAS MO	Kansas City, MO
Contact.....:	BREWER D	David Brewer
Invoice.....:		
Batch.....:		
Note For....:...:		

Sample Discrepancy Report
Wipe samples 5 and 20 logged for Pb, per Jerret Domling.
nsm 4/12/04