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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)

Signature

Date

1/28/04

Name: Richard C. Wright

STL Chicago  
2417 Bond Street  
University Park, IL 60466

Title: Project Manager

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This Report Contains (70) Pages

Severn Trent Laboratories - Chicago  
METALS CASE NARRATIVE

Client: SCS Engineers, Inc.  
Project: GSA - SLOP  
STL#: 223259

Date Rec'd: 12/20/03

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)

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:

<u>ID#</u>	<u>INSTRUMENT</u>	<u>COLUMN TYPE</u>	<u>DETECTOR</u>
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)

Patti Gibson  
Organics Section Manager

1/6/04  
Date

**Severn Trent Laboratories Chicago  
GC Volatile Case Narrative**

SCS Engineers, Inc./GSA-SLOP  
JOB# 223259  
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. All LCS (Laboratory Control Sample) samples had all spike recoveries within the in-house generated QC limits.
5. The MS/MSD (Matrix Spike/Matrix Spike Duplicate) had the spike recoveries and the RPD value within the in-house generated QC limits.
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)

\_\_\_\_\_  
Gary Rynkar  
GC/MS Section Manager

1/6/4  
\_\_\_\_\_  
Date

**Severn Trent Laboratories - Chicago**  
**GC/MS BNA Case Narrative**

SCS Engineering, Inc./GSA-SLOP

Job Number: 223259

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/Duplicate) spike solution was spiked in the LCS/LCD. In-house statistical recovery limits and the 11 method control compounds were used for QC evaluation. All control spike recoveries and RPD values were within the QC limits in the LCS/LCD.
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)

\_\_\_\_\_  
Gary Rynkar  
GC/MS Section Manager

12/23/13  
Date

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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

LABORATORY TEST RESULTS

Job Number: 223259 Date: 01/28/2004

CUSTOMER: SES Engineers, Inc. ATTN: David Brewer

PROJECT: GSA - SLOP

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)	26			3.2	5.2	1.00000	mg/Kg	105811		12/29/03 2106	mgk
	Diesel Range Organics (DRO), 3541 Solid*											
Method	% Solids Determination	77.0			0.10	0.10	1	%	105417		12/23/03 1040	lmr
	% Solids, Solid	23.0			0.10	0.10	1	%	105417		12/23/03 1040	lmr
	% Moisture, Solid											
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)	13	J	a	12	65	1.00000	ug/Kg	106177		01/01/04 0829	wre
	Gasoline Range Organics (GRO), Solid*											
7471A	Mercury (CVAA) Solids	0.025			0.0056	0.021	1	mg/Kg	105498		12/23/03 1406	gok
	Mercury, Solid*											
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

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

\* 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: 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.

L A B O R A T O R Y T E S T R E S U L T S

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	Semivolatle Organics	ND	U	2.0	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Phenol, Low Level Soil*	ND	U	2.5	84	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Bis(2-chloroethyl)ether, Low Level Soil*	ND	U	99	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	1,3-Dichlorobenzene, Low Level Soil*	ND	U	89	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	1,4-Dichlorobenzene, Low Level Soil*	ND	U	99	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	1,2-Dichlorobenzene, Low Level Soil*	ND	U	120	840	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Benzyl alcohol, Low Level Soil*	ND	U	10	84	1.00000	ug/Kg	105488		12/23/03 1347	glr
	2-Methylphenol (o-cresol), Low Level Soil*	ND	U	94	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	2,2-oxybis (1-chloropropane), Low Level Soil*	ND	U	2.9	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	n-Nitroso-di-n-propylamine, Low Level Soil*	ND	U	4.1	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Hexachloroethane, Low Level Soil*	ND	U	7.2	84	1.00000	ug/Kg	105488		12/23/03 1347	glr
	4-Methylphenol (m/p-cresol), Low Level Soil*	ND	U	74	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	2-Chlorophenol, Low Level Soil*	ND	U	3.1	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Nitrobenzene, Low Level Soil*	ND	U	3.6	84	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Bis(2-chloroethoxy)methane, Low Level Soil*	ND	U	74	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	1,2,4-Trichlorobenzene, Low Level Soil*	ND	U	120	840	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Benzoic acid, Low Level Soil*	ND	U	3.0	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Isophorone, Low Level Soil*	ND	U	75	410	1.00000	ug/Kg	105488		12/23/03 1347	glr
	2,4-Dimethylphenol, Low Level Soil*	ND	U	4.1	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Hexachlorobutadiene, Low Level Soil*	ND	U	2.1	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Naphthalene, Low Level Soil*	ND	U	60	410	1.00000	ug/Kg	105488		12/23/03 1347	glr
	2,4-Dichlorophenol, Low Level Soil*	ND	U	120	840	1.00000	ug/Kg	105488		12/23/03 1347	glr
	4-Chloroaniline, Low Level Soil*	ND	U	59	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	2,4,6-Trichlorophenol, Low Level Soil*	ND	U	47	410	1.00000	ug/Kg	105488		12/23/03 1347	glr
	2,4,5-Trichlorophenol, Low Level Soil*	ND	U	67	840	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Hexachlorocyclopentadiene, Low Level Soil*	ND	U	1.9	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	2-Methylnaphthalene, Low Level Soil*	ND	U	42	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	2-Nitroaniline, Low Level Soil*	ND	U	60	210	1.00000	ug/Kg	105488		12/23/03 1347	glr
	2-Chloronaphthalene, Low Level Soil*	ND	U								

\* 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		49	840	1.00000	ug/Kg	105488		12/23/03 1347	glr
	4-Nitroaniline, Low Level Soil*	ND	U		2.0	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	4-Bromophenyl phenyl ether, Low Level Soil*	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 Soil*	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 Soil*	ND	U		120	840	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Phenanthrene, Low Level Soil*	ND	U	*	1.2	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Anthracene, Low Level Soil*	ND	J	a	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*	ND	U		1.4	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Pyrene, Low Level Soil*	ND	J	a	2.5	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Butyl benzyl phthalate, Low Level Soil*	ND	J	a	5.1	84	1.00000	ug/Kg	105488		12/23/03 1347	glr
	Benzo(a)anthracene, Low Level Soil*	ND	U	a	1.4	41	1.00000	ug/Kg	105488		12/23/03 1347	glr
		9.1	U									

\* 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: 104RRTRACK SUBGRD

Laboratory Sample ID: 223259-2

Date Sampled.....: 12/19/2003

Date Received.....: 12/20/2003

Time Sampled.....: 09:00

Time Received.....: 10:30

Sample Matrix.....: Soil

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	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 Soil*	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(g,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
	% Solids Determination		79.7		0.10		1	%	105402		12/22/03 2130
% Solids, Solid		20.3		0.10		1	%	105402		12/22/03 2130	clb
% Moisture, Solid											
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.

L A B O R A T O R Y T E S T R E S U L T S

Job Number: 223259

Date: 01/28/2004

CUSTOMER: SES 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.

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 Laboratory Sample ID: 223259-3 Date Sampled: 12/19/2003 Date Received: 12/20/2003 Time Sampled: 09:30 Time Received: 10:30 Sample Matrix: Sediment													
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH	
Method	% Solids Determination	81.8			0.10	0.10	1	%	105417		12/23/03 1040	Lmr	
	% Solids, 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*	ND	U		6.0	40	1.00000	ug/Kg	106328		01/05/04 1345	mgk	
	Explosives by 8330 (HPLC)		12	J	a*								
	8330	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: SES Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer												
Laboratory Sample ID: 223259-3 Date Received: 12/20/2003 Time Received: 10:30 Customer Sample ID: S1-1 Date Sampled: 12/19/2003 Time Sampled: 09:30 Sample Matrix: Sediment												
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	ng/Kg	105498		12/23/03 14:14	gok
6010B	Metals Analysis (ICAP Trace) Aluminum, Solid* Antimony, Solid* Arsenic, Solid* Barium, Solid* Beryllium, Solid* Cadmium, Solid* Calcium, Solid* Chromium, Solid* Cobalt, Solid* Copper, Solid* Iron, Solid* Lead, Solid* Magnesium, Solid* Manganese, Solid* Nickel, Solid* Potassium, Solid* Selenium, Solid* Silver, Solid* Sodium, Solid* Thallium, Solid* Vanadium, Solid* Zinc, Solid*	1100 ND 1.6 45 0.20 0.51 100000 40 2.4 4.5 5000 120 4500 130 8.8 240 ND ND 330 18 74	U U B		2.6 0.98 0.56 0.17 0.048 0.087 34 0.24 0.15 0.73 3.3 0.47 1.9 0.14 0.27 15 0.44 0.34 95 0.72 0.23 0.44	22 2.2 1.1 1.1 0.44 0.22 110 1.1 0.55 0.81 5.5 0.55 11 1.1 1.1 55 1.1 0.55 110 1.1 0.55 2.2	1 1 1 1 1 1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	mg/Kg mg/Kg	106151 106151 106151 106151 106151 106151 106223 106151 106151 106343 106151 106151 106151 106151 106151 106151 106151 106151 106151 106151 106151 106151 106151 106347 106151	01/01/04 0145 01/01/04 0145 01/01/04 0145 01/01/04 0145 01/01/04 0145 01/01/04 0145 01/02/04 2010 01/01/04 0145 01/01/04 0145 01/05/04 1751 01/01/04 0145 01/01/04 0145 01/01/04 0145 01/01/04 0145 01/01/04 0145 01/01/04 0145 01/01/04 0145 01/01/04 0145 01/01/04 0145 01/01/04 0145 01/01/04 0145 01/01/04 0145 01/03/04 1410 01/01/04 0145	lmr lmr lmr lmr lmr lmr lmr lmr lmr lms lms lms lms lms lms lms lms lms lms lms lms lms lms lms lms	

\* In Description = Dry Wgt.

LABORATORY TEST RESULTS												
Job Number: 223259			Date: 01/28/2004									
CUSTOMER: SCS Engineers, Inc.			PROJECT: GSA - SLOP									
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
8082	% Solids Determination	58.2			0.10	0.10	1	%	105417		12/23/03 1040	lmr
	% Solids, Solid	41.8			0.10	0.10	1	%	105417		12/23/03 1040	lmr
	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.

LABORATORY TEST RESULTS												
Job Number: 223259			Date: 01/28/2004									
CUSTOMER: SCS Engineers, Inc.			PROJECT: GSA - SLOP									
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	U		3.8	31	1	mg/Kg	106151		01/01/04 0151	lmr
	Antimony, Solid*	ND			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*	19	U		1.0	1.6	1	mg/Kg	106151		01/01/04 0151	lmr
	Vanadium, Solid*	150			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.

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	80.9			0.10	0.10	1	%	105417		12/23/03 1040	lmr
	% Solids, Solid	19.1			0.10	0.10	1	%	105417		12/23/03 1040	lmr
	% Moisture, Solid											
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.

LABORATORY TEST RESULTS											
Job Number: 223259						Date: 01/28/2004					
CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer											
Laboratory Sample ID: 223259-5 Date Received: 12/20/2003 Time Received: 10:30											
Customer Sample ID: SI-3 Date Sampled: 12/19/2003 Time Sampled: 10:00 Sample Matrix: Sediment											
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7471A	Mercury (CVAA) Solids	ND	U	0.0053	0.020	1	mg/Kg	105498		12/23/03 1418	gok
6010B	Mercury, Solid*										
	Metals Analysis (ICAP Trace)										
	Aluminum, Solid*	1500	U	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		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*		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		01/01/04 1446	tds
	Zinc, Solid*	17		0.45	2.2	1	mg/Kg	106151		01/01/04 0157	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-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	60.6			0.10	0.10	1	%	105417		12/23/03	lmr
	% Solids, Solid	39.4			0.10	0.10	1	%	105417		12/23/03	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.

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	U	2.6	22	1	mg/Kg	106151		01/01/04 0203	lmr
	Antimony, Solid*	ND		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		3.3	5.4	1	mg/Kg	106151		01/01/04 0203	lmr
	Lead, Solid*	1900	H	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*	8.1	U	0.72	1.1	1	mg/Kg	106151		01/01/04 0203	lmr
	Vanadium, Solid*	73		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.

## 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

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)  
Method Code...: 8015D

Test Matrix...: 3541 Solid  
Batch(s).....: 105811

Prep Batch...: 105534

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)  
Method Code...: 8015G

Test Matrix...: Solid  
Batch(s).....: 106177

Prep Batch...: 106176

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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S U R R O G A T E R E C O V E R I E S R E P O R T

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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S U R R O G A T E R E C O V E R I E S R E P O R T

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Method.....: Explosives by 8330 (HPLC)  
Method Code...: 8330

Test Matrix...: Solid  
Batch(s).....: 106221

Prep Batch...: 105510

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

Q U A L I T Y   C O N T R O L   R E S U L T S

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

LCD	Laboratory Control Sample Duplicate	003LWLPCBA	105336-003		12/23/2003	1254
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Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	* Limits	F
Aroclor 1016, Solid	ug/Kg	134.073	130.363	166.700	2.900	U 80 3	% 63-106 R 30	
Aroclor 1260, Solid	ug/Kg	149.217	145.453	167.000	2.500	U 89 3	% 68-105 R 30	

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
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Test Method.....: 8082

Equipment Code....: INST4142

Analyst...: pjg

Method Description.: PCB Analysis

Batch.....: 105486

LCS	Laboratory Control Sample	003LWLPCBA	105336-002		12/23/2003	1219
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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	

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
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Test Method.....: 8082

Method Description.: PCB Analysis

Equipment Code....: INST4142

Batch.....: 105486

Analyst...: pig

MB	Method Blank		105336-001		12/23/2003	1143
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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					

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
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Test Method.....: 8082	Equipment Code....: INST0708	Analyst...: mgk
Method Description.: PCB Analysis	Batch.....: 106328	

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

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
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Test Method.....: 8082

Method Description.: PCB Analysis

Equipment Code....: INST0708

Batch.....: 106328

Analyst...: mgk

MB	Method Blank		105702-001		01/02/2004	2344
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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					

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
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Test Method.....: 8015B MDRO

Equipment Code....: INST10

Analyst...: mgk

Method Description.: TPH - Diesel Range Organics (DRO)

Batch.....: 105811

LCS	Laboratory Control Sample	003KwLDIEA	105534-002		12/29/2003	1242
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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	





Q U A L I T Y   C O N T R O L   R E S U L T S

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

MS	Matrix Spike	003KWLDIEA	223259-1		12/29/2003	2144
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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	*

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
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Test Method.....: 8015B MDRO

Equipment Code....: INST10

Analyst...: mgk

Method Description.: TPH - Diesel Range Organics (DRO)

Batch.....: 105811

MSD	Matrix Spike Duplicate	003KWLDEIA	223259-1		12/29/2003	2223
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Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	* Limits	F
Diesel Range Organics (DRO), 3541 Soli	mg/Kg	129.451	130.471	83.890	25.501	124 0	% 70-106 R 30	*

Q U A L I T Y   C O N T R O L   R E S U L T S

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

LCS	Laboratory Control Sample	G04A01DSA	106176-002	01/01/2004	0754
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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	

Q U A L I T Y   C O N T R O L   R E S U L T S

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

MB	Method Blank		106176-001		01/01/2004	0718
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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					

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
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Test Method.....: 8015B MGRO

Equipment Code....: INST1314

Analyst....: wre

Method Description.: TPH - Gasoline Range Organics (GRO)

Batch.....: 106177

MS	Matrix Spike	G04A01DSA	223259-1		01/01/2004	0905
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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	

Q U A L I T Y   C O N T R O L   R E S U L T S

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

MSD	Matrix Spike Duplicate	G04A01DSA	223259-1		01/01/2004	0940
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Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	* Limits	F
Gasoline Range Organics (GRO), Solid	ug/Kg	506.344	505.722	519.500	12.555	J 97 0	% 79-130 R 30	

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
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Test Method.....: 8330

Equipment Code....: INST43

Analyst....: san

Method Description.: Explosives by 8330 (HPLC)

Batch.....: 106221

LCS	Laboratory Control Sample	003LWLXPB	105510-002		12/30/2003	1002
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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	

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
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Test Method.....: 8330

Method Description.: Explosives by 8330 (HPLC)

Equipment Code....: INST43

Batch.....: 106221

Analyst...: san

MB	Method Blank		105510-001		12/30/2003	0930
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Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	* Limits	F
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					



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
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Test Method.....: 8330

Equipment Code....: INST43

Analyst....: san

Method Description.: Explosives by 8330 (HPLC)

Batch.....: 106221

MS	Matrix Spike	003LWLXPB	223259-3		12/31/2003	1017
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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	

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
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Test Method.....: 8330

Equipment Code....: INST43

Analyst....: san

Method Description.: Explosives by 8330 (HPLC)

Batch.....: 106221

MSD	Matrix Spike Duplicate	003LWLXPB	223259-3		12/31/2003	1155
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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 0	% 84-120 R 30	
RDX, Solid	ug/Kg	1095.672	1085.700	995.000	0.132	U 110 1	% 81-115 R 30	
1,3,5-Trinitrobenzene, Solid	ug/Kg	1009.602	1020.300	995.000	0.080	U 101 1	% 77-114 R 30	
1,3-Dinitrobenzene, Solid	ug/Kg	1062.786	1085.500	995.000	0.053	U 107 2	% 85-112 R 30	
Nitrobenzene, Solid	ug/Kg	1058.209	1081.550	995.000	0.092	U 106 2	% 86-112 R 30	
2,4,6-TNT, Solid	ug/Kg	1006.965	992.750	995.000	0.068	U 101 2	% 77-118 R 30	
Tetryl, Solid	ug/Kg	139.353	170.700	1990.000	0.217	U 7 25	% 35-132 R 30	*
2,4-Dinitrotoluene, Solid	ug/Kg	1102.885	1114.450	995.000	0.042	U 111 0	% 81-121 R 30	
2,6-Dinitrotoluene, Solid	ug/Kg	2197.264	2252.100	1990.000	0.206	U 110 3	% 84-114 R 30	
2-Amino-4,6-Dinitrotoluene, Solid	ug/Kg	2007.413	2023.300	1990.000	0.082	U 101 0	% 83-113 R 30	
4-Amino-2,6-Dinitrotoluene, Solid	ug/Kg	3299.204	3293.450	1990.000	0.137	U 166 1	% 80-131 R 30	*
2-Nitrotoluene, Solid	ug/Kg	2026.667	2060.100	1990.000	0.162	U 102 1	% 84-114 R 30	
4-Nitrotoluene, Solid	ug/Kg	1997.612	2018.500	1990.000	0.335	U 100 1	% 82-112 R 30	
3-Nitrotoluene, Solid	ug/Kg	2009.104	2010.300	1990.000	0.101	U 101 0	% 84-117 R 30	

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
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Test Method.....: 8270C

Method Description.: Semivolatile Organics

Equipment Code....: GCL12

Batch.....: 105488

Analyst...: glr

LCD	Laboratory Control Sample Duplicate	003LWLBLKB	105334-003		12/23/2003	1229
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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	% 34-119 R 20	
Bis(2-chloroethyl)ether, Low Level Soil	ug/Kg	1380.046	1429.452	1667.000	2.000	U 83 4	% 42-101 R 20	
1,3-Dichlorobenzene, Low Level Soil	ug/Kg	1209.095	1232.034	1667.000	79.000	U 73 2	% 48-100 R 20	
1,4-Dichlorobenzene, Low Level Soil	ug/Kg	1306.270	1124.182	1667.000	71.000	U 78 15	% 50-100 R 20	
1,2-Dichlorobenzene, Low Level Soil	ug/Kg	1282.414	1292.194	1667.000	79.000	U 77 1	% 49-104 R 20	
Benzyl alcohol, Low Level Soil	ug/Kg	1193.891	1246.421	1667.000	94.000	U 72 4	% 14-150 R 20	
2-Methylphenol (o-cresol), Low Level Soil	ug/Kg	1342.797	1404.443	1667.000	8.400	U 81 4	% 36-110 R 20	
2,2-oxybis (1-chloropropane), Low Level Soil	ug/Kg	1539.688	1553.894	1667.000	75.000	U 92 1	% 48-100 R 20	
n-Nitroso-di-n-propylamine, Low Level Soil	ug/Kg	1431.992	1446.689	1667.000	2.300	U 86 1	% 49-138 R 20	
Hexachloroethane, Low Level Soil	ug/Kg	1335.170	1345.947	1667.000	3.300	U 80 1	% 46-100 R 20	
4-Methylphenol (m/p-cresol), Low Level Soil	ug/Kg	1392.253	1447.239	1667.000	5.800	U 84 4	% 33-114 R 20	
2-Chlorophenol, Low Level Soil	ug/Kg	1318.380	1345.067	1667.000	59.000	U 79 2	% 52-103 R 20	
Nitrobenzene, Low Level Soil	ug/Kg	1411.089	1377.610	1667.000	2.500	U 85 2	% 50-100 R 20	
Bis(2-chloroethoxy)methane, Low Level Soil	ug/Kg	1360.213	1309.707	1667.000	2.900	U 82 4	% 55-116 R 20	
1,2,4-Trichlorobenzene, Low Level Soil	ug/Kg	1284.607	1260.747	1667.000	59.000	U 77 2	% 53-107 R 20	
Benzoic acid, Low Level Soil	ug/Kg	2213.951	2656.063	1667.000	98.000	U 133 18	% 40-143 R 20	
Isophorone, Low Level Soil	ug/Kg	1400.773	1351.933	1667.000	2.400	U 84 4	% 52-116 R 20	
2,4-Dimethylphenol, Low Level Soil	ug/Kg	1332.963	1332.213	1667.000	60.000	U 80 0	% 11-115 R 20	
Hexachlorobutadiene, Low Level Soil	ug/Kg	1334.520	1296.710	1667.000	3.300	U 80 3	% 52-118 R 20	
Naphthalene, Low Level Soil	ug/Kg	1272.467	1255.151	1667.000	1.700	U 76 1	% 49-100 R 20	
2,4-Dichlorophenol, Low Level Soil	ug/Kg	1344.877	1360.660	1667.000	48.000	U 81 1	% 58-103 R 20	
4-Chloroaniline, Low Level Soil	ug/Kg	591.571	608.374	1667.000	100.000	U 35 3	% 15-114 R 20	
2,4,6-Trichlorophenol, Low Level Soil	ug/Kg	1316.044	1353.370	1667.000	47.000	U 79 3	% 57-105 R 20	
2,4,5-Trichlorophenol, Low Level Soil	ug/Kg	1557.054	1339.397	1667.000	38.000	U 93 15	% 62-118 R 20	
Hexachlorocyclopentadiene, Low Level Soil	ug/Kg	1174.828	1426.769	1667.000	54.000	U 70 19	% 32-100 R 20	

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
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LCD	Laboratory Control Sample Duplicate	003LWBLKB	105334-003		12/23/2003	1229
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Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	* Limits	F
2-Methylnaphthalene, Low Level Soil	ug/Kg	1771.392	1071.966	1667.000	1.500	U 106 49	% 30-115 R 20	*
2-Nitroaniline, Low Level Soil	ug/Kg	1513.685	1518.575	1667.000	34.000	U 91 0	% 55-106 R 20	
2-Chloronaphthalene, Low Level Soil	ug/Kg	1316.580	1314.724	1667.000	48.000	U 79 0	% 59-114 R 20	
4-Chloro-3-methylphenol, Low Level Soi	ug/Kg	1412.376	1455.062	1667.000	38.000	U 85 3	% 56-110 R 20	
2,6-Dinitrotoluene, Low Level Soil	ug/Kg	1491.718	924.481	1667.000	2.200	U 90 47	% 62-111 R 20	*
2-Nitrophenol, Low Level Soil	ug/Kg	1255.191	1314.144	1667.000	63.000	U 75 5	% 53-102 R 20	
3-Nitroaniline, Low Level Soil	ug/Kg	926.934	977.434	1667.000	111.000	U 56 5	% 28-100 R 20	
Dimethyl phthalate, Low Level Soil	ug/Kg	1520.961	1458.942	1667.000	3.600	U 91 4	% 63-105 R 20	
2,4-Dinitrophenol, Low Level Soil	ug/Kg	1206.121	1362.026	1667.000	114.000	U 72 12	% 44-139 R 20	
Acenaphthylene, Low Level Soil	ug/Kg	1358.243	1344.280	1667.000	0.910	U 81 1	% 50-103 R 20	
2,4-Dinitrotoluene, Low Level Soil	ug/Kg	1094.386	1009.780	1667.000	1.700	U 66 8	% 61-113 R 20	
Acenaphthene, Low Level Soil	ug/Kg	1324.997	1303.460	1667.000	1.400	U 80 2	% 51-100 R 20	
Dibenzofuran, Low Level Soil	ug/Kg	1354.993	1335.223	1667.000	2.700	U 81 1	% 49-103 R 20	
4-Nitrophenol, Low Level Soil	ug/Kg	1809.549	1871.521	1667.000	82.000	U 109 3	% 45-129 R 20	
Fluorene, Low Level Soil	ug/Kg	1360.956	1326.323	1667.000	1.600	U 82 3	% 51-109 R 20	
4-Nitroaniline, Low Level Soil	ug/Kg	973.504	1089.376	1667.000	39.000	U 58 11	% 32-111 R 20	
4-Bromophenyl phenyl ether, Low Level	ug/Kg	1451.015	999.107	1667.000	3.100	U 87 37	% 62-108 R 20	*
Hexachlorobenzene, Low Level Soil	ug/Kg	1372.463	1115.529	1667.000	1.800	U 82 21	% 62-105 R 20	*
Diethyl phthalate, Low Level Soil	ug/Kg	1615.651	1074.909	1667.000	3.700	U 97 40	% 62-110 R 20	*
4-Chlorophenyl phenyl ether, Low Level	ug/Kg	1394.339	1367.790	1667.000	3.600	U 84 2	% 62-106 R 20	
Pentachlorophenol, Low Level Soil	ug/Kg	1520.885	1471.859	1667.000	100.000	U 91 3	% 43-122 R 20	
n-Nitrosodiphenylamine, Low Level Soil	ug/Kg	990.793	1310.404	1667.000	2.900	U 59 28	% 63-108 R 20	*
4,6-Dinitro-2-methylphenol, Low Level	ug/Kg	1258.004	1314.157	1667.000	95.000	U 75 4	% 67-130 R 20	*
Phenanthrene, Low Level Soil	ug/Kg	1643.790	1373.500	1667.000	1.000	U 99 18	% 50-110 R 20	
Anthracene, Low Level Soil	ug/Kg	1259.074	1197.905	1667.000	0.860	U 76 5	% 51-110 R 20	
Carbazole, Low Level Soil	ug/Kg	1633.830	1468.612	1667.000	35.000	U 98 11	% 49-131 R 20	
Di-n-butyl phthalate, Low Level Soil	ug/Kg	1595.407	1300.157	1667.000	20.000	U 96 20	% 51-130 R 20	

Job Number.: 223259		QUALITY CONTROL RESULTS			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
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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 2	% 10-100 R 20	
Fluoranthene, Low Level Soil	ug/Kg	1294.970	1260.671	1667.000	1.100 U	78 3	% 55-122 R 20	
Pyrene, Low Level Soil	ug/Kg	1570.184	1301.230	1667.000	2.000 U	94 19	% 41-121 R 20	
Butyl benzyl phthalate, Low Level Soil	ug/Kg	1560.848	1421.636	1667.000	4.100 U	94 9	% 56-113 R 20	
Benzo(a)anthracene, Low Level Soil	ug/Kg	1600.604	1597.047	1667.000	1.100 U	96 0	% 49-119 R 20	
Chrysene, Low Level Soil	ug/Kg	1409.283	1377.513	1667.000	1.800 U	85 2	% 39-124 R 20	
3,3-Dichlorobenzidine, Low Level Soil	ug/Kg	1323.233	1367.486	1667.000	18.000 U	79 3	% 22-106 R 20	
Bis(2-ethylhexyl)phthalate, Low Level	ug/Kg	1617.994	1549.098	1667.000	9.500 U	97 4	% 49-144 R 20	
Di-n-octyl phthalate, Low Level Soil	ug/Kg	1463.919	1390.129	1667.000	8.700 U	88 5	% 45-130 R 20	
Benzo(b)fluoranthene, Low Level Soil	ug/Kg	1437.139	1344.830	1667.000	2.100 U	86 7	% 44-132 R 20	
Benzo(k)fluoranthene, Low Level Soil	ug/Kg	1264.991	1262.397	1667.000	2.800 U	76 0	% 43-141 R 20	
Benzo(a)pyrene, Low Level Soil	ug/Kg	1449.082	1342.823	1667.000	2.200 U	87 8	% 45-129 R 20	
Indeno(1,2,3-cd)pyrene, Low Level Soil	ug/Kg	1633.454	1527.341	1667.000	2.100 U	98 7	% 36-138 R 20	
Dibenzo(a,h)anthracene, Low Level Soil	ug/Kg	1626.127	1490.718	1667.000	2.200 U	98 9	% 30-144 R 20	
Benzo(ghi)perylene, Low Level Soil	ug/Kg	1625.540	1513.925	1667.000	1.900 U	98 7	% 41-129 R 20	

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
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Test Method.....: 8270C

Method Description.: Semivolatile Organics

Equipment Code....: GCL12

Batch.....: 105488

Analyst....: glr

LCS	Laboratory Control Sample	003LWLBLKB	105334-002		12/23/2003	1203
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Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	* Limits	F
Phenol, Low Level Soil	ug/Kg	1304.694		1667.000	1.600	U 78	% 34-119	
Bis(2-chloroethyl)ether, Low Level Soil	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 Soil	ug/Kg	1404.443		1667.000	8.400	U 84	% 36-110	
2,2-oxybis (1-chloropropane), Low Level Soil	ug/Kg	1553.894		1667.000	75.000	U 93	% 48-100	
n-Nitroso-di-n-propylamine, Low Level Soil	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 Soil	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 Soil	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 Soil	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 Soil	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 Soil	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 Soil	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 Soil	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	

Job Number.: 223259

## QUALITY CONTROL RESULTS

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN:

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

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
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Test Method.....: 8270C

Equipment Code....: GCL12

Analyst...: glr

Method Description.: Semivolatile Organics

Batch.....: 105488

MB	Method Blank		105334-001		12/23/2003	1136
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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					



Job Number.: 223259		QUALITY CONTROL RESULTS			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
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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					

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
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Test Method.....: 6010B

Equipment Code....: ICP4

Analyst...: tds

Method Description.: Metals Analysis (ICAP Trace)

Batch.....: 105441

LCS	Laboratory Control Sample	M03LSPK002	105297-002		12/23/2003	0632
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Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	* Limits	F
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	

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

MB	Method Blank	105297	105297-001		12/23/2003	0626
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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					

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
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Test Method.....: 6010B

Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP4

Batch.....: 105441

Analyst...: tds

MD	Method Duplicate	223259-2	12/23/2003	0651
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Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	* Limits	F
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	

Job Number.: 223259

QUALITY CONTROL RESULTS

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
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Test Method.....: 6010B

Equipment Code....: ICP4

Analyst...: tds

Method Description.: Metals Analysis (ICAP Trace)

Batch.....: 105441

MS	Matrix Spike	M03LSPK002	223259-2		12/23/2003	0657
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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	

Q U A L I T Y   C O N T R O L   R E S U L T S

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

MSD	Matrix Spike Duplicate	M03LSPK002	223259-2		12/23/2003	0727
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Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
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	

Job Number.: 223259

QUALITY CONTROL RESULTS

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
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Test Method.....: 6010B

Equipment Code.....: ICP4

Analyst...: tds

Method Description.: Metals Analysis (ICAP Trace)

Batch.....: 105441

SD	Serial Dilution	223259-2	12/23/2003	0645
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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		

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
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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
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Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	* Limits	F
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
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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	



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
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Test Method.....: 6010B

Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP3

Batch.....: 105442

Analyst...: tds

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

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
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Test Method.....: 6010B

Equipment Code....: ICP3

Analyst....: tds

Method Description.: Metals Analysis (ICAP Trace)

Batch.....: 105442

MD	Method Duplicate	223259-2	12/22/2003	1844
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Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	* Limits	F
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	

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
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Test Method.....: 6010B

Equipment Code....: ICP3

Analyst...: tds

Method Description.: Metals Analysis (ICAP Trace)

Batch.....: 105442

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

Job Number.: 223259		QUALITY CONTROL RESULTS			Report Date.: 01/28/2004	
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CUSTOMER: SCS Engineers, Inc.		PROJECT: GSA - SLOP		ATTN:	
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QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
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Test Method.....: 6010B		Equipment Code....: ICP3		Analyst....: tds	
Method Description.: Metals Analysis (ICAP Trace)		Batch.....: 105442			

MSD	Matrix Spike Duplicate	M03LSPK002	223259-2		12/22/2003	1857
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Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	* Limits	F
Aluminum, Solid	mg/Kg	18310.10	18985.38	230.00	15123.03	1386 18.3	% 75-125 R 20	4
Antimony, Solid	mg/Kg	23.61	22.01	57.50	1.04	U 41 7.6	% 75-125 R 20	N
Arsenic, Solid	mg/Kg	18.08	19.17	11.50	8.31	85 10.1	% 75-125 R 20	
Barium, Solid	mg/Kg	380.36	370.08	230.00	139.50	105 5.9	% 75-125 R 20	
Beryllium, Solid	mg/Kg	4.95	5.01	5.75	0.21	B 86 0.0	% 75-125 R 20	
Cadmium, Solid	mg/Kg	4.90	4.91	5.75	0.09	U 85 0.0	% 75-125 R 20	
Calcium, Solid	mg/Kg	3098.00	3360.14	1150.00	2254.06	73 26.2	% 75-125 R 20	N *
Chromium, Solid	mg/Kg	41.22	42.32	23.00	18.59	98 4.0	% 75-125 R 20	
Cobalt, Solid	mg/Kg	57.58	58.73	57.50	10.73	81 2.4	% 75-125 R 20	
Copper, Solid	mg/Kg	40.74	41.84	28.75	15.30	88 4.4	% 75-125 R 20	
Iron, Solid	mg/Kg	19847.20	20708.13	115.00	19607.41	209 127.8	% 75-125 R 20	4 *
Lead, Solid	mg/Kg	23.06	24.06	11.50	15.76	63 13.3	% 75-125 R 20	N
Magnesium, Solid	mg/Kg	4177.52	4310.70	1150.00	2922.09	109 9.6	% 75-125 R 20	
Manganese, Solid	mg/Kg	567.06	715.64	57.50	726.69	-278 -174.4	% 75-125 R 20	4
Nickel, Solid	mg/Kg	66.20	67.75	57.50	16.83	86 2.3	% 75-125 R 20	
Potassium, Solid	mg/Kg	2976.90	3038.93	1150.00	1597.79	120 3.3	% 75-125 R 20	
Selenium, Solid	mg/Kg	10.41	10.89	11.50	0.87	B 90 4.3	% 75-125 R 20	
Silver, Solid	mg/Kg	5.15	5.20	5.75	0.36	U 90 0.0	% 75-125 R 20	
Vanadium, Solid	mg/Kg	94.58	97.12	57.50	37.91	99 3.0	% 75-125 R 20	
Zinc, Solid	mg/Kg	98.03	99.28	57.50	48.32	86 2.3	% 75-125 R 20	

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
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Test Method.....: 6010B

Equipment Code....: ICP3

Analyst...: tds

Method Description.: Metals Analysis (ICAP Trace)

Batch.....: 105442

SD	Serial Dilution	223259-2	12/22/2003	1837
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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	

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
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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
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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	
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
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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	

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
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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
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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					

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
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Test Method.....: 6010B

Equipment Code....: ICP4

Analyst...: lmr

Method Description.: Metals Analysis (ICAP Trace)

Batch.....: 106223

LCS	Laboratory Control Sample	M03LSPK002	106027-002		01/02/2004	2101
-----	---------------------------	------------	------------	--	------------	------

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	



Q U A L I T Y   C O N T R O L   R E S U L T S

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

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
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Test Method.....: 6010B	Equipment Code....: ICP4	Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace)	Batch.....: 106343	

LCS	Laboratory Control Sample	M03LSPK002	106163-002		01/05/2004	1732
-----	---------------------------	------------	------------	--	------------	------

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	* Limits	F
Copper, Solid	mg/Kg	23.84		25.00	0.90	U 95	% 80-120	

Q U A L I T Y   C O N T R O L   R E S U L T S

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
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Test Method.....: 6010B	Equipment Code....: ICP4	Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace)	Batch.....: 106343	

MB	Method Blank	106163	106163-001		01/05/2004	1726
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Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	* Limits	F
Copper, Solid	mg/Kg	0.90	U					

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.....: 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	

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.....: 106347

MB	Method Blank	105950	105950-001		01/03/2004	1150
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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
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Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	* Limits	F
Vanadium	mg/L	0.00210	U					

QUALITY CONTROL RESULTS

Job Number.: 223259

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Test Method.....: Method  
 Method Description.: % Solids Determination  
 Parameter.....: % Solids  
 Batch.....: 105402  
 Equipment Code.....:  
 Analyst...: clb  
 Test Code.: %SOLID

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Time
MB	105402-001		%	0.1000	U							12/22/2003	2130

Test Method.....: Method  
 Method Description.: % Solids Determination  
 Parameter.....: % Solids  
 Batch.....: 105417  
 Equipment Code.....:  
 Analyst...: lmr  
 Test Code.: %SOLID

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Time
MB	105417-001		%	0.1000	U							12/23/2003	1040

Test Method.....: 7471A  
 Method Description.: Mercury (CVAA) Solids  
 Parameter.....: Mercury  
 Batch.....: 105498  
 Equipment Code.....: HG3  
 Analyst...: gok  
 Test Code.: HG

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Time
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

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 01/28/2004

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 interference, 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

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 01/28/2004

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
CR1	Low Level Standard Check - ICP
CV	Calibration 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	D1 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



QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 01/28/2004

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 LABORATORIES  
ANALYTICAL REPORT

JOB NUMBER: 225738

Prepared For:

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

Project: GSA - SLOP - Investigation

Attention: David Brewer

Date: 04/23/2004

\_\_\_\_\_  
Signature

Name: Richard C. Wright

Title: Project Manager

E-Mail: rwright@stl-inc.com

\_\_\_\_\_  
Date

STL Chicago  
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University Park, IL 60466

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FAX..: (708) 534-5211

This Report Contains (\_\_\_\_\_) Pages

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S A M P L E I N F O R M A T I O N  
Date: 04/23/2004

Job Number.: 225738	Project Number.....: 20002601
Customer...: SCS Engineers, Inc.	Customer Project ID....: GSA - SLOP
Attn.....: David Brewer	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 4S SHAVINGS	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	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	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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Job Number: 225738		LABORATORY TEST RESULTS						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)						Laboratory Sample ID: 225738-2						
Date Sampled.....: 04/07/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 14:45						Time Received.....: 08:40						
Sample Matrix.....: Soil												
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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Job Number: 225738		LABORATORY TEST RESULTS						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)						Laboratory Sample ID: 225738-4						
Date Sampled.....: 04/07/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 14:50						Time Received.....: 08:40						
Sample Matrix.....: Soil												
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.

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						Laboratory Sample ID: 225738-6						
Date Sampled.....: 04/07/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 13:45						Time Received.....: 08:40						
Sample Matrix.....: Soil												
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						Laboratory Sample ID: 225738-6						
Date Sampled.....: 04/07/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 13:45						Time Received.....: 08:40						
Sample Matrix.....: Soil												
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						Laboratory Sample ID: 225738-7						
Date Sampled.....: 04/07/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 14:05						Time Received.....: 08:40						
Sample Matrix.....: Soil												
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						Laboratory Sample ID: 225738-7						
Date Sampled.....: 04/07/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 14:05						Time Received.....: 08:40						
Sample Matrix.....: Soil												
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.



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.

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 Soil*	ND		U	100	230	1.00000	ug/Kg	115446		04/15/04 1648	glr
	n-Nitroso-di-n-propylamine, Low Level Soil*	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 Soil*	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 Soil*	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.

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*1	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		J	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.

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)						Laboratory Sample ID: 225738-9						
Date Sampled.....: 04/08/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 09:15						Time Received.....: 08:40						
Sample Matrix.....: Soil												
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.

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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)						Laboratory Sample ID: 225738-9						
Date Sampled.....: 04/08/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 09:15						Time Received.....: 08:40						
Sample Matrix.....: Soil												
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						Laboratory Sample ID: 225738-10						
Date Sampled.....: 04/07/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 16:30						Time Received.....: 08:40						
Sample Matrix.....: Soil												
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.

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)						Laboratory Sample ID: 225738-11						
Date Sampled.....: 04/08/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 09:30						Time Received.....: 08:40						
Sample Matrix.....: Soil												
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		04/16/04 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 Soil*	ND		U	95	210	1.00000	ug/Kg	115446		04/16/04 1831	glr
	n-Nitroso-di-n-propylamine, Low Level Soil*	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 Soil*	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 Soil*	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.



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)						Laboratory Sample ID: 225738-11						
Date Sampled.....: 04/08/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 09:30						Time Received.....: 08:40						
Sample Matrix.....: Soil												
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*1	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.

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)						Laboratory Sample ID: 225738-11						
Date Sampled.....: 04/08/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 09:30						Time Received.....: 08:40						
Sample Matrix.....: Soil												
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.

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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)						Laboratory Sample ID: 225738-11						
Date Sampled.....: 04/08/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 09:30						Time Received.....: 08:40						
Sample Matrix.....: Soil												
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.

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)						Laboratory Sample ID: 225738-12						
Date Sampled.....: 04/08/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 10:20						Time Received.....: 08:40						
Sample Matrix.....: Soil												
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 Soil*	ND	U		92	210	1.00000	ug/Kg	115446		04/15/04 1743	glr
	n-Nitroso-di-n-propylamine, Low Level Soil*	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 Soil*	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 Soil*	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)						Laboratory Sample ID: 225738-12						
Date Sampled.....: 04/08/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 10:20						Time Received.....: 08:40						
Sample Matrix.....: Soil												
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*1	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.

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)						Laboratory Sample ID: 225738-12						
Date Sampled.....: 04/08/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 10:20						Time Received.....: 08:40						
Sample Matrix.....: Soil												
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 Soil*	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.

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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)						Laboratory Sample ID: 225738-12						
Date Sampled.....: 04/08/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 10:20						Time Received.....: 08:40						
Sample Matrix.....: Soil												
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.

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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: 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.



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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 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	pkg
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
6010B	Metals Analysis (ICAP Trace)											
	Lead, Solid*	5900			0.61	0.71	1	mg/Kg	114626		04/14/04 2120	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: 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.

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: 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						Laboratory Sample ID: 225738-24						
Date Sampled.....: 04/05/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 16:30						Time Received.....: 08:40						
Sample Matrix.....: Soil												
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						Laboratory Sample ID: 225738-24						
Date Sampled.....: 04/05/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 16:30						Time Received.....: 08:40						
Sample Matrix.....: Soil												
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.

## L A B O R A T O R Y    C H R O N I C L E

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	

## L A B O R A T O R Y    C H R O N I C L E

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		
8270C	Semivolatile Organics	1	115446	114560		04/15/2004 1648	1.00000	
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	

## L A B O R A T O R Y   C H R O N I C L E

Job Number: 225738

Date: 04/23/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Lab ID:	Client ID:	Date Recvd:	Sample Date:				
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Lab ID: 225738-12	Client ID: 102D SS-5 (DEEP)	Date Recvd: 04/09/2004	Sample Date: 04/08/2004				
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				
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				
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				
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	% 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	% 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	% 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	% 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	% 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	



L A B O R A T O R Y C H R O N I C L E

Job Number: 225738

Date: 04/23/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Lab ID	Client ID	Date Recvd	Sample Date					
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION	
Lab ID: 225738-20	Client ID: B102C SOIL FROM TANK	Date Recvd: 04/09/2004	Sample Date: 04/06/2004					
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	% 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	% 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	% 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	% 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		

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 04/23/2004

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 interference, 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

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 04/23/2004

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	Calibration 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

Q U A L I T Y   A S S U R A N C E   M E T H O D S

R E F E R E N C E S   A N D   N O T E S

Report Date: 04/23/2004

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 LABORATORIES  
ANALYTICAL REPORT

JOB NUMBER: 225739

Prepared For:

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

Project: GSA - SLOP - Investigation

Attention: David Brewer

Date: 04/23/2004

\_\_\_\_\_  
Signature

Name: Richard C. Wright

Title: Project Manager

E-Mail: [rwright@stl-inc.com](mailto:rwright@stl-inc.com)

\_\_\_\_\_  
Date

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This Report Contains (\_\_\_\_\_) Pages

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S A M P L E I N F O R M A T I O N  
Date: 04/23/2004

Job Number.: 225739	Project Number.....: 20002601
Customer...: SCS Engineers, Inc.	Customer Project ID....: GSA - SLOP
Attn.....: David Brewer	Project Description....: GSA - SLOP - Investigation

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
225739-1	102D SS-4 (DEEP)	Soil	04/08/2004	10:00	04/09/2004	08:40
225739-2	102D SS-3 (DEEP)	Soil	04/08/2004	09:40	04/09/2004	08:40
225739-3	112 SAMPLE 47 REMELT ROOM	Soil	04/07/2004	16:35	04/09/2004	08:40
225739-4	112 SS 48 (DEEP)	Soil	04/07/2004	16:40	04/09/2004	08:40
225739-5	112 SS 44 (DEEP)	Soil	04/07/2004	16:19	04/09/2004	08:40
225739-6	112 SS 45 (SHALLOW)	Soil	04/07/2004	16:25	04/09/2004	08:40
225739-7	TUNNEL ELEC.CON.PAINT	Soil	04/08/2004	13:30	04/09/2004	08:40
225739-8	TUNNEL H2O PIPE PAINT	Soil	04/08/2004	13:25	04/09/2004	08:40
225739-9	112 PCB WIPE 6	Wipe	04/07/2004	11:55	04/09/2004	08:40
225739-10	112 PCB WIPE 1	Wipe	04/07/2004	08:55	04/09/2004	08:40
225739-11	112 PCB WIPE 2	Wipe	04/07/2004	11:26	04/09/2004	08:40
225739-12	112 PCB WIPE 3	Wipe	04/07/2004	11:30	04/09/2004	08:40
225739-13	112 SS 39 (SHALLOW)	Soil	04/07/2004	16:04	04/09/2004	08:40
225739-14	112 SS 38 (SHALLOW)	Soil	04/07/2004	16:10	04/09/2004	08:40
225739-15	112 SS 41 (SHALLOW)	Soil	04/07/2004	16:15	04/09/2004	08:40
225739-16	112 SS 32 (SHALLOW)	Soil	04/07/2004	15:30	04/09/2004	08:40
225739-17	112 SS 37 (SHALLOW)	Soil	04/07/2004	15:55	04/09/2004	08:40
225739-18	112 SS 36 (SHALLOW)	Soil	04/07/2004	15:50	04/09/2004	08:40
225739-19	112 SS 34 (SHALLOW)	Soil	04/07/2004	15:40	04/09/2004	08:40
225739-20	112 SS 33 (SHALLOW)	Soil	04/07/2004	15:35	04/09/2004	08:40
225739-21	112 VALT S SED SAMPLE	Soil	04/07/2004	11:50	04/09/2004	08:40
225739-22	112 PRESS VALT SS 22	Soil	04/07/2004	13:30	04/09/2004	08:40
225739-23	112 PRESS VALT SS 21	Soil	04/07/2004	12:55	04/09/2004	08:40
225739-24	112 SS 29 (SHALLOW)	Soil	04/07/2004	15:00	04/09/2004	08:40

LABORATORY TEST RESULTS

Job Number: 225739

Date: 04/23/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: 102D SS-4 (DEEP)  
 Date Sampled.....: 04/08/2004  
 Time Sampled.....: 10:00  
 Sample Matrix.....: Soil

Laboratory Sample ID: 225739-1  
 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
8270C	Semivolatile Organics											
	Phenol, Low Level Soil*	ND		U	2.1	220	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Bis(2-chloroethyl)ether, Low Level Soil*	ND		U	2.6	88	1.00000	ug/Kg	115446		04/15/04 1809	glr
	1,3-Dichlorobenzene, Low Level Soil*	ND		U	100	220	1.00000	ug/Kg	115446		04/15/04 1809	glr
	1,4-Dichlorobenzene, Low Level Soil*	ND		U	94	220	1.00000	ug/Kg	115446		04/15/04 1809	glr
	1,2-Dichlorobenzene, Low Level Soil*	ND		U	100	220	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Benzyl alcohol, Low Level Soil*	ND		U	120	880	1.00000	ug/Kg	115446		04/15/04 1809	glr
	2-Methylphenol (o-cresol), Low Level Soil*	ND		U	11	88	1.00000	ug/Kg	115446		04/15/04 1809	glr
	2,2-oxybis (1-chloropropane), Low Level Soil*	ND		U	99	220	1.00000	ug/Kg	115446		04/15/04 1809	glr
	n-Nitroso-di-n-propylamine, Low Level Soil*	ND		U	3.0	44	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Hexachloroethane, Low Level Soil*	ND		U	4.4	220	1.00000	ug/Kg	115446		04/15/04 1809	glr
	4-Methylphenol (m/p-cresol), Low Level Soil*	ND		U	7.7	88	1.00000	ug/Kg	115446		04/15/04 1809	glr
	2-Chlorophenol, Low Level Soil*	ND		U	78	220	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Nitrobenzene, Low Level Soil*	ND		U	3.3	44	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Bis(2-chloroethoxy)methane, Low Level Soil*	ND		U	3.8	88	1.00000	ug/Kg	115446		04/15/04 1809	glr
	1,2,4-Trichlorobenzene, Low Level Soil*	ND		U	78	220	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Benzoic acid, Low Level Soil*	ND		U	130	880	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Isophorone, Low Level Soil*	ND		U	3.2	220	1.00000	ug/Kg	115446		04/15/04 1809	glr
	2,4-Dimethylphenol, Low Level Soil*	ND		U	79	440	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Hexachlorobutadiene, Low Level Soil*	ND		U	4.4	220	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Naphthalene, Low Level Soil*	ND		U	2.2	44	1.00000	ug/Kg	115446		04/15/04 1809	glr
	2,4-Dichlorophenol, Low Level Soil*	ND		U	63	440	1.00000	ug/Kg	115446		04/15/04 1809	glr
	4-Chloroaniline, Low Level Soil*	ND		U	130	880	1.00000	ug/Kg	115446		04/15/04 1809	glr
	2,4,6-Trichlorophenol, Low Level Soil*	ND		U	62	220	1.00000	ug/Kg	115446		04/15/04 1809	glr
	2,4,5-Trichlorophenol, Low Level Soil*	ND		U	50	440	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Hexachlorocyclopentadiene, Low Level Soil*	ND		U	71	880	1.00000	ug/Kg	115446		04/15/04 1809	glr
	2-Methylnaphthalene, Low Level Soil*	ND		U	2.0	44	1.00000	ug/Kg	115446		04/15/04 1809	glr
	2-Nitroaniline, Low Level Soil*	ND		U	45	220	1.00000	ug/Kg	115446		04/15/04 1809	glr
	2-Chloronaphthalene, Low Level Soil*	ND		U	63	220	1.00000	ug/Kg	115446		04/15/04 1809	glr

\* In Description = Dry Wgt.

LABORATORY TEST RESULTS												
Job Number: 225739								Date: 04/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 102D SS-4 (DEEP) Date Sampled.....: 04/08/2004 Time Sampled.....: 10:00 Sample Matrix.....: Soil						Laboratory Sample ID: 225739-1 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
	4-Chloro-3-methylphenol, Low Level Soil*	ND		U	50	440	1.00000	ug/Kg	115446		04/15/04 1809	glr
	2,6-Dinitrotoluene, Low Level Soil*	ND		U	2.9	44	1.00000	ug/Kg	115446		04/15/04 1809	glr
	2-Nitrophenol, Low Level Soil*	ND		U	83	440	1.00000	ug/Kg	115446		04/15/04 1809	glr
	3-Nitroaniline, Low Level Soil*	ND		U	150	880	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Dimethyl phthalate, Low Level Soil*	ND		U	4.8	88	1.00000	ug/Kg	115446		04/15/04 1809	glr
	2,4-Dinitrophenol, Low Level Soil*	ND		U	150	880	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Acenaphthylene, Low Level Soil*	ND		U	1.2	44	1.00000	ug/Kg	115446		04/15/04 1809	glr
	2,4-Dinitrotoluene, Low Level Soil*	ND		U	2.2	44	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Acenaphthene, Low Level Soil*	ND		U	1.8	44	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Dibenzofuran, Low Level Soil*	ND		U	3.6	88	1.00000	ug/Kg	115446		04/15/04 1809	glr
	4-Nitrophenol, Low Level Soil*	ND		U	110	880	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Fluorene, Low Level Soil*	ND		U	2.1	44	1.00000	ug/Kg	115446		04/15/04 1809	glr
	4-Nitroaniline, Low Level Soil*	ND		U	51	880	1.00000	ug/Kg	115446		04/15/04 1809	glr
	4-Bromophenyl phenyl ether, Low Level Soi*	ND		U	4.1	220	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Hexachlorobenzene, Low Level Soil*	ND		U	2.4	44	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Diethyl phthalate, Low Level Soil*	ND		U	4.9	88	1.00000	ug/Kg	115446		04/15/04 1809	glr
	4-Chlorophenyl phenyl ether, Low Level So*1	ND		U	4.8	220	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Pentachlorophenol, Low Level Soil*	ND		U	130	440	1.00000	ug/Kg	115446		04/15/04 1809	glr
	n-Nitrosodiphenylamine, Low Level Soil*	ND		U	3.8	44	1.00000	ug/Kg	115446		04/15/04 1809	glr
	4,6-Dinitro-2-methylphenol, Low Level Soi*	ND		U	130	880	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Phenanthrene, Low Level Soil*	15		J	1.3	44	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Anthracene, Low Level Soil*	ND		U	1.1	44	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Carbazole, Low Level Soil*	ND		U	46	220	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Di-n-butyl phthalate, Low Level Soil*	ND		U	26	220	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Benzidine, Low Level Soil*	ND		U	870	4400	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Fluoranthene, Low Level Soil*	18		J	1.5	44	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Pyrene, Low Level Soil*	20		J	2.6	44	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Butyl benzyl phthalate, Low Level Soil*	ND		U	5.4	88	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Benzo(a)anthracene, Low Level Soil*	9.5		J	1.5	44	1.00000	ug/Kg	115446		04/15/04 1809	glr

\* In Description = Dry Wgt.



LABORATORY TEST RESULTS												
Job Number: 225739									Date: 04/23/2004			
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP					ATTN: David Brewer			
Customer Sample ID: 102D SS-4 (DEEP)				Laboratory Sample ID: 225739-1								
Date Sampled.....: 04/08/2004				Date Received.....: 04/09/2004								
Time Sampled.....: 10:00				Time Received.....: 08:40								
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Chrysene, Low Level Soil*	12	J		2.4	44	1.00000	ug/Kg	115446		04/15/04 1809	glr
	3,3-Dichlorobenzidine, Low Level Soil*	ND	U		24	220	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Bis(2-ethylhexyl)phthalate, Low Level Soil*	ND	U		13	220	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Di-n-octyl phthalate, Low Level Soil*	ND	U		11	440	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Benzo(b)fluoranthene, Low Level Soil*	10	J	H	2.8	44	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Benzo(k)fluoranthene, Low Level Soil*	ND	U		3.7	44	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Benzo(a)pyrene, Low Level Soil*	ND	U		2.9	44	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Indeno(1,2,3-cd)pyrene, Low Level Soil*	15	J		2.8	44	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Dibenzo(a,h)anthracene, Low Level Soil*	11	J		2.9	44	1.00000	ug/Kg	115446		04/15/04 1809	glr
	Benzo(ghi)perylene, Low Level Soil*	18	J		2.5	44	1.00000	ug/Kg	115446		04/15/04 1809	glr
Method	% Solids Determination											
	% Solids, Solid	74.7			0.10	0.10	1	%	114389		04/12/04 1100	pfk
	% Moisture, Solid	25.3			0.10	0.10	1	%	114389		04/12/04 1100	pfk
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.036			0.0058	0.022	1	mg/Kg	114979		04/16/04 1316	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	14000			3.1	26	1	mg/Kg	114738		04/16/04 0011	tds
	Antimony, Solid*	ND	U		1.2	2.6	1	mg/Kg	114738		04/16/04 0011	tds
	Arsenic, Solid*	4.8			0.67	1.3	1	mg/Kg	114738		04/16/04 0011	tds
	Barium, Solid*	76			0.21	1.3	1	mg/Kg	114738		04/16/04 0011	tds
	Beryllium, Solid*	0.49	B		0.057	0.52	1	mg/Kg	114738		04/16/04 0011	tds
	Cadmium, Solid*	ND	U		0.10	0.26	1	mg/Kg	114738		04/16/04 0011	tds
	Calcium, Solid*	3800			4.0	13	1	mg/Kg	114738		04/16/04 0011	tds
	Chromium, Solid*	18			0.29	1.3	1	mg/Kg	114738		04/16/04 0011	tds
	Cobalt, Solid*	3.7			0.18	0.65	1	mg/Kg	114738		04/16/04 0011	tds
	Copper, Solid*	11			1.2	1.3	1	mg/Kg	114738		04/16/04 0011	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225739								Date: 04/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 102D SS-4 (DEEP) Date Sampled.....: 04/08/2004 Time Sampled.....: 10:00 Sample Matrix.....: Soil						Laboratory Sample ID: 225739-1 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
	Iron, Solid*	17000			3.9	6.5	1	mg/Kg	114738		04/16/04 0011	tds
	Lead, Solid*	12			0.56	0.65	1	mg/Kg	114738		04/16/04 0011	tds
	Magnesium, Solid*	1500			2.2	13	1	mg/Kg	114738		04/16/04 0011	tds
	Manganese, Solid*	160			0.17	1.3	1	mg/Kg	114738		04/16/04 0011	tds
	Nickel, Solid*	10			0.33	1.3	1	mg/Kg	114738		04/16/04 0011	tds
	Potassium, Solid*	660			18	65	1	mg/Kg	114738		04/16/04 0011	tds
	Selenium, Solid*	ND		U	0.52	1.3	1	mg/Kg	114738		04/16/04 0011	tds
	Silver, Solid*	ND		U	0.40	0.65	1	mg/Kg	114738		04/16/04 0011	tds
	Sodium, Solid*	ND		U	110	130	1	mg/Kg	114738		04/16/04 0011	tds
	Thallium, Solid*	ND		U	0.86	1.3	1	mg/Kg	114820		04/15/04 1911	lmr
	Vanadium, Solid*	29			0.27	0.65	1	mg/Kg	114738		04/16/04 0011	tds
	Zinc, Solid*	37			0.52	2.6	1	mg/Kg	114820		04/15/04 1911	lmr

\* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 225739

Date: 04/23/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: 102D SS-3 (DEEP)  
 Date Sampled.....: 04/08/2004  
 Time Sampled.....: 09:40  
 Sample Matrix.....: Soil

Laboratory Sample ID: 225739-2  
 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
8270C	Semivolatile Organics											
	Phenol, Low Level Soil*	ND	U		2.0	200	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Bis(2-chloroethyl)ether, Low Level Soil*	ND	U		2.4	82	1.00000	ug/Kg	115446		04/15/04 1836	glr
	1,3-Dichlorobenzene, Low Level Soil*	ND	U		97	200	1.00000	ug/Kg	115446		04/15/04 1836	glr
	1,4-Dichlorobenzene, Low Level Soil*	ND	U		87	200	1.00000	ug/Kg	115446		04/15/04 1836	glr
	1,2-Dichlorobenzene, Low Level Soil*	ND	U		97	200	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Benzyl alcohol, Low Level Soil*	ND	U		110	820	1.00000	ug/Kg	115446		04/15/04 1836	glr
	2-Methylphenol (o-cresol), Low Level Soil*	ND	U		10	82	1.00000	ug/Kg	115446		04/15/04 1836	glr
	2,2-oxybis (1-chloropropane), Low Level Soil*	ND	U		92	200	1.00000	ug/Kg	115446		04/15/04 1836	glr
	n-Nitroso-di-n-propylamine, Low Level Soil*	ND	U		2.8	40	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Hexachloroethane, Low Level Soil*	ND	U		4.0	200	1.00000	ug/Kg	115446		04/15/04 1836	glr
	4-Methylphenol (m/p-cresol), Low Level Soil*	ND	U		7.1	82	1.00000	ug/Kg	115446		04/15/04 1836	glr
	2-Chlorophenol, Low Level Soil*	ND	U		72	200	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Nitrobenzene, Low Level Soil*	ND	U		3.1	40	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Bis(2-chloroethoxy)methane, Low Level Soil*	ND	U		3.5	82	1.00000	ug/Kg	115446		04/15/04 1836	glr
	1,2,4-Trichlorobenzene, Low Level Soil*	ND	U		72	200	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Benzoic acid, Low Level Soil*	ND	U		120	820	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Isophorone, Low Level Soil*	ND	U		2.9	200	1.00000	ug/Kg	115446		04/15/04 1836	glr
	2,4-Dimethylphenol, Low Level Soil*	ND	U		73	400	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Hexachlorobutadiene, Low Level Soil*	ND	U		4.0	200	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Naphthalene, Low Level Soil*	ND	U		2.1	40	1.00000	ug/Kg	115446		04/15/04 1836	glr
	2,4-Dichlorophenol, Low Level Soil*	ND	U		59	400	1.00000	ug/Kg	115446		04/15/04 1836	glr
	4-Chloroaniline, Low Level Soil*	ND	U		120	820	1.00000	ug/Kg	115446		04/15/04 1836	glr
	2,4,6-Trichlorophenol, Low Level Soil*	ND	U		57	200	1.00000	ug/Kg	115446		04/15/04 1836	glr
	2,4,5-Trichlorophenol, Low Level Soil*	ND	U		46	400	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Hexachlorocyclopentadiene, Low Level Soil*	ND	U		66	820	1.00000	ug/Kg	115446		04/15/04 1836	glr
	2-Methylnaphthalene, Low Level Soil*	ND	U		1.8	40	1.00000	ug/Kg	115446		04/15/04 1836	glr
	2-Nitroaniline, Low Level Soil*	ND	U		42	200	1.00000	ug/Kg	115446		04/15/04 1836	glr
	2-Chloronaphthalene, Low Level Soil*	ND	U		59	200	1.00000	ug/Kg	115446		04/15/04 1836	glr

\* In Description = Dry Wgt.

LABORATORY TEST RESULTS												
Job Number: 225739								Date: 04/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 102D SS-3 (DEEP)						Laboratory Sample ID: 225739-2						
Date Sampled.....: 04/08/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 09:40						Time Received.....: 08:40						
Sample Matrix.....: Soil												
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	46	400	1.00000	ug/Kg	115446		04/15/04 1836	glr
	2,6-Dinitrotoluene, Low Level Soil*	ND		U	2.7	40	1.00000	ug/Kg	115446		04/15/04 1836	glr
	2-Nitrophenol, Low Level Soil*	ND		U	77	400	1.00000	ug/Kg	115446		04/15/04 1836	glr
	3-Nitroaniline, Low Level Soil*	ND		U	140	820	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Dimethyl phthalate, Low Level Soil*	ND		U	4.4	82	1.00000	ug/Kg	115446		04/15/04 1836	glr
	2,4-Dinitrophenol, Low Level Soil*	ND		U	140	820	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Acenaphthylene, Low Level Soil*	ND		U	1.1	40	1.00000	ug/Kg	115446		04/15/04 1836	glr
	2,4-Dinitrotoluene, Low Level Soil*	ND		U	2.1	40	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Acenaphthene, Low Level Soil*	ND		U	1.7	40	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Dibenzofuran, Low Level Soil*	ND		U	3.3	82	1.00000	ug/Kg	115446		04/15/04 1836	glr
	4-Nitrophenol, Low Level Soil*	ND		U	100	820	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Fluorene, Low Level Soil*	ND		U	2.0	40	1.00000	ug/Kg	115446		04/15/04 1836	glr
	4-Nitroaniline, Low Level Soil*	ND		U	48	820	1.00000	ug/Kg	115446		04/15/04 1836	glr
	4-Bromophenyl phenyl ether, Low Level Soi*	ND		U	3.8	200	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Hexachlorobenzene, Low Level Soil*	ND		U	2.2	40	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Diethyl phthalate, Low Level Soil*	ND		U	4.5	82	1.00000	ug/Kg	115446		04/15/04 1836	glr
	4-Chlorophenyl phenyl ether, Low Level So*1	ND		U	4.4	200	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Pentachlorophenol, Low Level Soil*	ND		U	120	400	1.00000	ug/Kg	115446		04/15/04 1836	glr
	n-Nitrosodiphenylamine, Low Level Soil*	ND		U	3.5	40	1.00000	ug/Kg	115446		04/15/04 1836	glr
	4,6-Dinitro-2-methylphenol, Low Level Soi*	ND		U	120	820	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Phenanthrene, Low Level Soil*	ND		U	1.2	40	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Anthracene, Low Level Soil*	ND		U	1.1	40	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Carbazole, Low Level Soil*	ND		U	43	200	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Di-n-butyl phthalate, Low Level Soil*	ND		U	24	200	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Benzidine, Low Level Soil*	ND		U	800	4000	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Fluoranthene, Low Level Soil*	ND		U	1.3	40	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Pyrene, Low Level Soil*	4.2		J	2.4	40	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Butyl benzyl phthalate, Low Level Soil*	ND		U	5.0	82	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Benzo(a)anthracene, Low Level Soil*	ND		U	1.3	40	1.00000	ug/Kg	115446		04/15/04 1836	glr

\* In Description = Dry Wgt.

LABORATORY TEST RESULTS												
Job Number: 225739									Date:04/23/2004			
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP					ATTN: David Brewer			
Customer Sample ID: 102D SS-3 (DEEP)				Laboratory Sample ID: 225739-2								
Date Sampled.....: 04/08/2004				Date Received.....: 04/09/2004								
Time Sampled.....: 09:40				Time Received.....: 08:40								
Sample Matrix.....: Soil												
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	40	1.00000	ug/Kg	115446		04/15/04 1836	glr
	3,3-Dichlorobenzidine, Low Level Soil*	ND		U	22	200	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Bis(2-ethylhexyl)phthalate, Low Level Soil*	ND		U	12	200	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Di-n-octyl phthalate, Low Level Soil*	ND		U	11	400	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Benzo(b)fluoranthene, Low Level Soil*	ND		U	2.6	40	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Benzo(k)fluoranthene, Low Level Soil*	ND		U	3.4	40	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Benzo(a)pyrene, Low Level Soil*	ND		U	2.7	40	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Indeno(1,2,3-cd)pyrene, Low Level Soil*	7.2		J	2.6	40	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Dibenzo(a,h)anthracene, Low Level Soil*	ND		U	2.7	40	1.00000	ug/Kg	115446		04/15/04 1836	glr
	Benzo(ghi)perylene, Low Level Soil*	13		J	2.3	40	1.00000	ug/Kg	115446		04/15/04 1836	glr
Method	% Solids Determination											
	% Solids, Solid	81.0			0.10	0.10	1	%	114389		04/12/04 1100	pfk
	% Moisture, Solid	19.0			0.10	0.10	1	%	114389		04/12/04 1100	pfk
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.019		B	0.0053	0.020	1	mg/Kg	114979		04/16/04 1318	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	10000			2.9	24	1	mg/Kg	114738		04/16/04 0018	tds
	Antimony, Solid*	ND		U	1.1	2.4	1	mg/Kg	114738		04/16/04 0018	tds
	Arsenic, Solid*	4.4			0.61	1.2	1	mg/Kg	114738		04/16/04 0018	tds
	Barium, Solid*	89			0.19	1.2	1	mg/Kg	114738		04/16/04 0018	tds
	Beryllium, Solid*	1.1			0.053	0.48	1	mg/Kg	114738		04/16/04 0018	tds
	Cadmium, Solid*	ND		U	0.096	0.24	1	mg/Kg	114738		04/16/04 0018	tds
	Calcium, Solid*	2700			3.7	12	1	mg/Kg	114738		04/16/04 0018	tds
	Chromium, Solid*	20			0.26	1.2	1	mg/Kg	114738		04/16/04 0018	tds
	Cobalt, Solid*	15			0.17	0.60	1	mg/Kg	114738		04/16/04 0018	tds
	Copper, Solid*	9.2			1.1	1.2	1	mg/Kg	114738		04/16/04 0018	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225739								Date: 04/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 102D SS-3 (DEEP)						Laboratory Sample ID: 225739-2						
Date Sampled.....: 04/08/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 09:40						Time Received.....: 08:40						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Iron, Solid*	16000			3.6	6.0	1	mg/Kg	114738		04/16/04 0018	tds
	Lead, Solid*	8.8			0.51	0.60	1	mg/Kg	114738		04/16/04 0018	tds
	Magnesium, Solid*	1600			2.0	12	1	mg/Kg	114738		04/16/04 0018	tds
	Manganese, Solid*	270			0.16	1.2	1	mg/Kg	114738		04/16/04 0018	tds
	Nickel, Solid*	14			0.30	1.2	1	mg/Kg	114738		04/16/04 0018	tds
	Potassium, Solid*	450			17	60	1	mg/Kg	114738		04/16/04 0018	tds
	Selenium, Solid*	ND		U	0.48	1.2	1	mg/Kg	114738		04/16/04 0018	tds
	Silver, Solid*	ND		U	0.37	0.60	1	mg/Kg	114738		04/16/04 0018	tds
	Sodium, Solid*	ND		U	100	120	1	mg/Kg	114738		04/16/04 0018	tds
	Thallium, Solid*	ND		U	0.79	1.2	1	mg/Kg	114820		04/15/04 1918	lmr
	Vanadium, Solid*	26			0.25	0.60	1	mg/Kg	114738		04/16/04 0018	tds
	Zinc, Solid*	20			0.48	2.4	1	mg/Kg	114820		04/15/04 1918	lmr

\* In Description = Dry Wgt.

LABORATORY TEST RESULTS												
Job Number: 225739								Date: 04/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 SAMPLE 47 REMELT ROOM						Laboratory Sample ID: 225739-3						
Date Sampled.....: 04/07/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 16:35						Time Received.....: 08:40						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	96.0			0.10	0.10	1	%	114389		04/12/04 1100	pfk
	% Moisture, Solid	4.0			0.10	0.10	1	%	114389		04/12/04 1100	pfk
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.0091	B		0.0045	0.017	1	mg/Kg	114979		04/16/04 1320	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	2700			12	100	5	mg/Kg	114820		04/15/04 1924	lmr
	Antimony, Solid*	ND	U		4.5	10	5	mg/Kg	114820		04/15/04 1924	lmr
	Arsenic, Solid*	3.6	B		2.5	5.0	5	mg/Kg	114820		04/15/04 1924	lmr
	Barium, Solid*	17			0.80	5.0	5	mg/Kg	114820		04/15/04 1924	lmr
	Beryllium, Solid*	ND	U		0.22	2.0	5	mg/Kg	114820		04/15/04 1924	lmr
	Cadmium, Solid*	ND	U		0.40	1.0	5	mg/Kg	114820		04/15/04 1924	lmr
	Calcium, Solid*	260000			15	50	5	mg/Kg	114820		04/15/04 1924	lmr
	Chromium, Solid*	8.8			1.1	5.0	5	mg/Kg	114820		04/15/04 1924	lmr
	Cobalt, Solid*	6.0			0.70	2.5	5	mg/Kg	114820		04/15/04 1924	lmr
	Copper, Solid*	7.0			4.5	5.0	5	mg/Kg	114820		04/15/04 1924	lmr
	Iron, Solid*	3200			15	25	5	mg/Kg	114820		04/15/04 1924	lmr
	Lead, Solid*	4.4			2.1	2.5	5	mg/Kg	114820		04/15/04 1924	lmr
	Magnesium, Solid*	28000			8.5	50	5	mg/Kg	114820		04/15/04 1924	lmr
	Manganese, Solid*	68			0.65	5.0	5	mg/Kg	114820		04/15/04 1924	lmr
	Nickel, Solid*	7.1			1.2	5.0	5	mg/Kg	114820		04/15/04 1924	lmr
	Potassium, Solid*	1200			69	250	5	mg/Kg	114820		04/15/04 1924	lmr
	Selenium, Solid*	4.2	B		2.0	5.0	5	mg/Kg	114820		04/15/04 1924	lmr
	Silver, Solid*	ND	U		1.5	2.5	5	mg/Kg	114820		04/15/04 1924	lmr
	Sodium, Solid*	470	B		430	500	5	mg/Kg	114820		04/15/04 1924	lmr
	Thallium, Solid*	ND	U		3.3	5.0	5	mg/Kg	114820		04/15/04 1924	lmr
	Vanadium, Solid*	8.4			1.0	2.5	5	mg/Kg	114964		04/17/04 1640	lmr

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225739								Date:04/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 SAMPLE 47 REMELT ROOM Date Sampled.....: 04/07/2004 Time Sampled.....: 16:35 Sample Matrix.....: Soil						Laboratory Sample ID: 225739-3 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
	Zinc, Solid*	17			2.0	10	5	mg/Kg	114820		04/15/04 1924	lmc

\* In Description = Dry Wgt.



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Job Number: 225739		LABORATORY TEST RESULTS						Date:04/23/2004				
CUSTOMER: SCS Engineers, Inc.			PROJECT: GSA - SLOP				ATTN: David Brewer					
Customer Sample ID: 112 SS 48 (DEEP) Date Sampled.....: 04/07/2004 Time Sampled.....: 16:40 Sample Matrix.....: Soil			Laboratory Sample ID: 225739-4 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	80.4			0.10	0.10	1	%	114389		04/12/04 1100	pfk
	% Moisture, Solid	19.6			0.10	0.10	1	%	114389		04/12/04 1100	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	3.5	20	1.00000	ug/Kg	115576		04/23/04 0046	bab
	Aroclor 1221, Solid*	ND		U	8.2	20	1.00000	ug/Kg	115576		04/23/04 0046	bab
	Aroclor 1232, Solid*	ND		U	3.7	20	1.00000	ug/Kg	115576		04/23/04 0046	bab
	Aroclor 1242, Solid*	ND		U	7.7	20	1.00000	ug/Kg	115576		04/23/04 0046	bab
	Aroclor 1248, Solid*	ND		U	2.8	20	1.00000	ug/Kg	115576		04/23/04 0046	bab
	Aroclor 1254, Solid*	ND		U	3.3	20	1.00000	ug/Kg	115576		04/23/04 0046	bab
	Aroclor 1260, Solid*	ND		U	3.1	20	1.00000	ug/Kg	115576		04/23/04 0046	bab
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	ND		U	1.1	2.4	1	mg/Kg	114738		04/16/04 0031	tds
	Arsenic, Solid*	3.3			0.61	1.2	1	mg/Kg	114738		04/16/04 0031	tds
	Copper, Solid*	11			1.1	1.2	1	mg/Kg	114738		04/16/04 0031	tds
	Lead, Solid*	8.9			0.52	0.60	1	mg/Kg	114738		04/16/04 0031	tds

\* In Description = Dry Wgt.

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Job Number: 225739		LABORATORY TEST RESULTS						Date:04/23/2004					
CUSTOMER: SCS Engineers, Inc.			PROJECT: GSA - SLOP				ATTN: David Brewer						
Customer Sample ID: 112 SS 44 (DEEP) Date Sampled.....: 04/07/2004 Time Sampled.....: 16:19 Sample Matrix.....: Soil			Laboratory Sample ID: 225739-5 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	80.6			0.10	0.10	1	%	114389		04/12/04 1100	pfk	
	% Moisture, Solid	19.4			0.10	0.10	1	%	114389		04/12/04 1100	pfk	
8082	PCB Analysis												
	Aroclor 1016, Solid*	ND		U	3.5	20	1.00000	ug/Kg	115576		04/23/04 0121	bab	
	Aroclor 1221, Solid*	ND		U	8.2	20	1.00000	ug/Kg	115576		04/23/04 0121	bab	
	Aroclor 1232, Solid*	ND		U	3.7	20	1.00000	ug/Kg	115576		04/23/04 0121	bab	
	Aroclor 1242, Solid*	ND		U	7.7	20	1.00000	ug/Kg	115576		04/23/04 0121	bab	
	Aroclor 1248, Solid*	ND		U	2.8	20	1.00000	ug/Kg	115576		04/23/04 0121	bab	
	Aroclor 1254, Solid*	ND		U	3.3	20	1.00000	ug/Kg	115576		04/23/04 0121	bab	
	Aroclor 1260, Solid*	ND		U	3.0	20	1.00000	ug/Kg	115576		04/23/04 0121	bab	
6010B	Metals Analysis (ICAP Trace)												
	Antimony, Solid*	ND		U	1.1	2.4	1	mg/Kg	114738		04/16/04 0038	tds	
	Arsenic, Solid*	3.6			0.62	1.2	1	mg/Kg	114738		04/16/04 0038	tds	
	Copper, Solid*	10			1.1	1.2	1	mg/Kg	114738		04/16/04 0038	tds	
	Lead, Solid*	23			0.52	0.61	1	mg/Kg	114738		04/16/04 0038	tds	

\* In Description = Dry Wgt.

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Job Number: 225739		LABORATORY TEST RESULTS						Date:04/23/2004				
CUSTOMER: SCS Engineers, Inc.			PROJECT: GSA - SLOP				ATTN: David Brewer					
Customer Sample ID: 112 SS 45 (SHALLOW) Date Sampled.....: 04/07/2004 Time Sampled.....: 16:25 Sample Matrix.....: Soil			Laboratory Sample ID: 225739-6 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	75.2			0.10	0.10	1	%	114389		04/12/04 1100	pfk
	% Moisture, Solid	24.8			0.10	0.10	1	%	114389		04/12/04 1100	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	3.8	22	1.00000	ug/Kg	115576		04/23/04 1158	bab
	Aroclor 1221, Solid*	ND		U	8.8	22	1.00000	ug/Kg	115576		04/23/04 1158	bab
	Aroclor 1232, Solid*	ND		U	3.9	22	1.00000	ug/Kg	115576		04/23/04 1158	bab
	Aroclor 1242, Solid*	ND		U	8.3	22	1.00000	ug/Kg	115576		04/23/04 1158	bab
	Aroclor 1248, Solid*	ND		U	3.0	22	1.00000	ug/Kg	115576		04/23/04 1158	bab
	Aroclor 1254, Solid*	ND		U	3.5	22	1.00000	ug/Kg	115576		04/23/04 1158	bab
	Aroclor 1260, Solid*	180			3.3	22	1.00000	ug/Kg	115576		04/23/04 1158	bab
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	2.2		B	1.1	2.5	1	mg/Kg	114738		04/16/04 0045	tds
	Arsenic, Solid*	6.6			0.64	1.3	1	mg/Kg	114738		04/16/04 0045	tds
	Lead, Solid*	220			0.54	0.63	1	mg/Kg	114738		04/16/04 0045	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225739								Date:04/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: TUNNEL ELEC.CON.PAINT Date Sampled.....: 04/08/2004 Time Sampled.....: 13:30 Sample Matrix.....: Soil						Laboratory Sample ID: 225739-7 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
7471A	Mercury (CVAA) Solids Mercury, Solid	0.62			0.022	0.082	5	mg/Kg	114979		04/16/04 1406	gok
6010B	Metals Analysis (ICAP Trace) Lead, Solid	4500			0.41	0.48	1	mg/Kg	114738		04/16/04 0051	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225739								Date:04/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: TUNNEL H2O PIPE PAINT Date Sampled.....: 04/08/2004 Time Sampled.....: 13:25 Sample Matrix.....: Soil						Laboratory Sample ID: 225739-8 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
7471A	Mercury (CVAA) Solids Mercury, Solid	2.2			0.086	0.33	20	mg/Kg	114979		04/16/04 1409	gok
6010B	Metals Analysis (ICAP Trace) Lead, Solid	15000			4.2	4.8	10	mg/Kg	115139		04/20/04 0803	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225739								Date: 04/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 PCB WIPE 6 Date Sampled.....: 04/07/2004 Time Sampled.....: 11:55 Sample Matrix.....: Wipe						Laboratory Sample ID: 225739-9 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
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.17	0.50	1.00000	ug/Wipe	115564		04/21/04 1648	bab
	Aroclor 1221, Wipe	ND	U		0.46	0.50	1.00000	ug/Wipe	115564		04/21/04 1648	bab
	Aroclor 1232, Wipe	ND	U		0.22	0.50	1.00000	ug/Wipe	115564		04/21/04 1648	bab
	Aroclor 1242, Wipe	ND	U		0.19	0.50	1.00000	ug/Wipe	115564		04/21/04 1648	bab
	Aroclor 1248, Wipe	ND	U		0.21	0.50	1.00000	ug/Wipe	115564		04/21/04 1648	bab
	Aroclor 1254, Wipe	ND	U		0.13	0.50	1.00000	ug/Wipe	115564		04/21/04 1648	bab
	Aroclor 1260, Wipe	3.5			0.15	0.50	1.00000	ug/Wipe	115564		04/21/04 1648	bab

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225739								Date: 04/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 PCB WIPE 1 Date Sampled.....: 04/07/2004 Time Sampled.....: 08:55 Sample Matrix.....: Wipe						Laboratory Sample ID: 225739-10 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
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND		U	0.17	0.50	1.00000	ug/Wipe	115564		04/21/04 1723	bab
	Aroclor 1221, Wipe	ND		U	0.46	0.50	1.00000	ug/Wipe	115564		04/21/04 1723	bab
	Aroclor 1232, Wipe	ND		U	0.22	0.50	1.00000	ug/Wipe	115564		04/21/04 1723	bab
	Aroclor 1242, Wipe	ND		U	0.19	0.50	1.00000	ug/Wipe	115564		04/21/04 1723	bab
	Aroclor 1248, Wipe	ND		U	0.21	0.50	1.00000	ug/Wipe	115564		04/21/04 1723	bab
	Aroclor 1254, Wipe	ND		U	0.13	0.50	1.00000	ug/Wipe	115564		04/21/04 1723	bab
	Aroclor 1260, Wipe	2.4			0.15	0.50	1.00000	ug/Wipe	115564		04/21/04 1723	bab

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225739								Date: 04/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 PCB WIPE 2 Date Sampled.....: 04/07/2004 Time Sampled.....: 11:26 Sample Matrix.....: Wipe						Laboratory Sample ID: 225739-11 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
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND		U	0.85	2.5	5.00000	ug/Wipe	115564		04/21/04 1759	bab
	Aroclor 1221, Wipe	ND		U	2.3	2.5	5.00000	ug/Wipe	115564		04/21/04 1759	bab
	Aroclor 1232, Wipe	ND		U	1.1	2.5	5.00000	ug/Wipe	115564		04/21/04 1759	bab
	Aroclor 1242, Wipe	ND		U	0.95	2.5	5.00000	ug/Wipe	115564		04/21/04 1759	bab
	Aroclor 1248, Wipe	ND		U	1.0	2.5	5.00000	ug/Wipe	115564		04/21/04 1759	bab
	Aroclor 1254, Wipe	ND		U	0.65	2.5	5.00000	ug/Wipe	115564		04/21/04 1759	bab
	Aroclor 1260, Wipe	7.3			0.75	2.5	5.00000	ug/Wipe	115564		04/21/04 1759	bab

\* In Description = Dry Wgt.



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LABORATORY TEST RESULTS												
Job Number: 225739								Date: 04/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 PCB WIPE 3 Date Sampled.....: 04/07/2004 Time Sampled.....: 11:30 Sample Matrix.....: Wipe						Laboratory Sample ID: 225739-12 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
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND		U	0.17	0.50	1.00000	ug/Wipe	115564		04/21/04 1834	bab
	Aroclor 1221, Wipe	ND		U	0.46	0.50	1.00000	ug/Wipe	115564		04/21/04 1834	bab
	Aroclor 1232, Wipe	ND		U	0.22	0.50	1.00000	ug/Wipe	115564		04/21/04 1834	bab
	Aroclor 1242, Wipe	ND		U	0.19	0.50	1.00000	ug/Wipe	115564		04/21/04 1834	bab
	Aroclor 1248, Wipe	ND		U	0.21	0.50	1.00000	ug/Wipe	115564		04/21/04 1834	bab
	Aroclor 1254, Wipe	ND		U	0.13	0.50	1.00000	ug/Wipe	115564		04/21/04 1834	bab
	Aroclor 1260, Wipe	0.42		J	0.15	0.50	1.00000	ug/Wipe	115564		04/21/04 1834	bab

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225739								Date:04/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 SS 39 (SHALLOW) Date Sampled.....: 04/07/2004 Time Sampled.....: 16:04 Sample Matrix.....: Soil						Laboratory Sample ID: 225739-13 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
Method	% Solids Determination											
	% Solids, Solid	99.7			0.10	0.10	1	%	114389		04/12/04 1100	pfk
	% Moisture, Solid	0.30			0.10	0.10	1	%	114389		04/12/04 1100	pfk
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	ND		U	0.84	1.9	1	mg/Kg	114738		04/16/04 0127	tds
	Arsenic, Solid*	1.3			0.48	0.93	1	mg/Kg	114738		04/16/04 0127	tds
	Lead, Solid*	23			0.40	0.47	1	mg/Kg	114738		04/16/04 0127	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225739								Date:04/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 SS 38 (SHALLOW) Date Sampled.....: 04/07/2004 Time Sampled.....: 16:10 Sample Matrix.....: Soil						Laboratory Sample ID: 225739-14 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
Method	% Solids Determination											
	% Solids, Solid	99.5			0.10	0.10	1	%	114389		04/12/04 1100	pfk
	% Moisture, Solid	0.50			0.10	0.10	1	%	114389		04/12/04 1100	pfk
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	4.6			0.84	1.9	1	mg/Kg	114738		04/16/04 0201	tds
	Arsenic, Solid*	2.3			0.48	0.94	1	mg/Kg	114738		04/16/04 0201	tds
	Lead, Solid*	730			0.40	0.47	1	mg/Kg	114738		04/16/04 0201	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225739								Date:04/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 SS 41 (SHALLOW) Date Sampled.....: 04/07/2004 Time Sampled.....: 16:15 Sample Matrix.....: Soil						Laboratory Sample ID: 225739-15 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
Method	% Solids Determination											
	% Solids, Solid	73.6			0.10	0.10	1	%	114389		04/12/04 1100	pfk
	% Moisture, Solid	26.4			0.10	0.10	1	%	114389		04/12/04 1100	pfk
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	74			1.2	2.7	1	mg/Kg	114738		04/16/04 0208	tds
	Arsenic, Solid*	5.4			0.68	1.3	1	mg/Kg	114738		04/16/04 0208	tds
	Lead, Solid*	9500			2.9	3.3	5	mg/Kg	114820		04/15/04 1934	lmc

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225739								Date:04/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 SS 32 (SHALLOW)						Laboratory Sample ID: 225739-16						
Date Sampled.....: 04/07/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 15:30						Time Received.....: 08:40						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	94.5			0.10	0.10	1	%	114389		04/12/04 1100	pfk
	% Moisture, Solid	5.5			0.10	0.10	1	%	114389		04/12/04 1100	pfk
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	1.6	B		0.93	2.1	1	mg/Kg	114738		04/16/04 0214	tds
	Arsenic, Solid*	1.7			0.53	1.0	1	mg/Kg	114738		04/16/04 0214	tds
	Copper, Solid*	3.4			0.93	1.0	1	mg/Kg	114738		04/16/04 0214	tds
	Lead, Solid*	120			0.44	0.52	1	mg/Kg	114738		04/16/04 0214	tds

\* In Description = Dry Wgt.

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Job Number: 225739		LABORATORY TEST RESULTS						Date:04/23/2004				
CUSTOMER: SCS Engineers, Inc.			PROJECT: GSA - SLOP				ATTN: David Brewer					
Customer Sample ID: 112 SS 37 (SHALLOW) Date Sampled.....: 04/07/2004 Time Sampled.....: 15:55 Sample Matrix.....: Soil			Laboratory Sample ID: 225739-17 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	78.6			0.10	0.10	1	%	114389		04/12/04 1100	pfk
	% Moisture, Solid	21.4			0.10	0.10	1	%	114389		04/12/04 1100	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	3.6	21	1.00000	ug/Kg	115576		04/23/04 0156	bab
	Aroclor 1221, Solid*	ND		U	8.3	21	1.00000	ug/Kg	115576		04/23/04 0156	bab
	Aroclor 1232, Solid*	ND		U	3.7	21	1.00000	ug/Kg	115576		04/23/04 0156	bab
	Aroclor 1242, Solid*	ND		U	7.8	21	1.00000	ug/Kg	115576		04/23/04 0156	bab
	Aroclor 1248, Solid*	ND		U	2.9	21	1.00000	ug/Kg	115576		04/23/04 0156	bab
	Aroclor 1254, Solid*	ND		U	3.4	21	1.00000	ug/Kg	115576		04/23/04 0156	bab
	Aroclor 1260, Solid*	ND		U	3.1	21	1.00000	ug/Kg	115576		04/23/04 0156	bab
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	1.4		B	1.1	2.5	1	mg/Kg	114738		04/16/04 0221	tds
	Arsenic, Solid*	6.2			0.63	1.2	1	mg/Kg	114738		04/16/04 0221	tds
	Copper, Solid*	19			1.1	1.2	1	mg/Kg	114738		04/16/04 0221	tds
	Lead, Solid*	87			0.53	0.62	1	mg/Kg	114738		04/16/04 0221	tds

\* In Description = Dry Wgt.

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Job Number: 225739		LABORATORY TEST RESULTS						Date:04/23/2004				
CUSTOMER: SCS Engineers, Inc.			PROJECT: GSA - SLOP			ATTN: David Brewer						
Customer Sample ID: 112 SS 36 (SHALLOW)			Laboratory Sample ID: 225739-18									
Date Sampled.....: 04/07/2004			Date Received.....: 04/09/2004									
Time Sampled.....: 15:50			Time Received.....: 08:40									
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	77.0			0.10	0.10	1	%	114389		04/12/04 1100	pfk
	% Moisture, Solid	23.0			0.10	0.10	1	%	114389		04/12/04 1100	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	19	110	5.00000	ug/Kg	115576		04/23/04 0232	bab
	Aroclor 1221, Solid*	ND		U	43	110	5.00000	ug/Kg	115576		04/23/04 0232	bab
	Aroclor 1232, Solid*	ND		U	19	110	5.00000	ug/Kg	115576		04/23/04 0232	bab
	Aroclor 1242, Solid*	ND		U	40	110	5.00000	ug/Kg	115576		04/23/04 0232	bab
	Aroclor 1248, Solid*	ND		U	15	110	5.00000	ug/Kg	115576		04/23/04 0232	bab
	Aroclor 1254, Solid*	ND		U	17	110	5.00000	ug/Kg	115576		04/23/04 0232	bab
	Aroclor 1260, Solid*	ND		U	16	110	5.00000	ug/Kg	115576		04/23/04 0232	bab
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	ND		U	1.1	2.3	1	mg/Kg	114738		04/16/04 0228	tds
	Arsenic, Solid*	5.8			0.60	1.2	1	mg/Kg	114738		04/16/04 0228	tds
	Copper, Solid*	12			1.1	1.2	1	mg/Kg	114738		04/16/04 0228	tds
	Lead, Solid*	38			0.50	0.58	1	mg/Kg	114738		04/16/04 0228	tds

\* In Description = Dry Wgt.

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Job Number: 225739		LABORATORY TEST RESULTS						Date:04/23/2004				
CUSTOMER: SCS Engineers, Inc.			PROJECT: GSA - SLOP			ATTN: David Brewer						
Customer Sample ID: 112 SS 34 (SHALLOW)			Laboratory Sample ID: 225739-19									
Date Sampled.....: 04/07/2004			Date Received.....: 04/09/2004									
Time Sampled.....: 15:40			Time Received.....: 08:40									
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	76.3			0.10	0.10	1	%	114389		04/12/04 1100	pfk
	% Moisture, Solid	23.7			0.10	0.10	1	%	114389		04/12/04 1100	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	19	110	5.00000	ug/Kg	115576		04/23/04 0307	bab
	Aroclor 1221, Solid*	ND		U	43	110	5.00000	ug/Kg	115576		04/23/04 0307	bab
	Aroclor 1232, Solid*	ND		U	19	110	5.00000	ug/Kg	115576		04/23/04 0307	bab
	Aroclor 1242, Solid*	ND		U	41	110	5.00000	ug/Kg	115576		04/23/04 0307	bab
	Aroclor 1248, Solid*	ND		U	15	110	5.00000	ug/Kg	115576		04/23/04 0307	bab
	Aroclor 1254, Solid*	ND		U	17	110	5.00000	ug/Kg	115576		04/23/04 0307	bab
	Aroclor 1260, Solid*	ND		U	16	110	5.00000	ug/Kg	115576		04/23/04 0307	bab
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	ND		U	1.1	2.4	1	mg/Kg	114738		04/16/04 0304	tds
	Arsenic, Solid*	5.1			0.61	1.2	1	mg/Kg	114738		04/16/04 0304	tds
	Copper, Solid*	12			1.1	1.2	1	mg/Kg	114738		04/16/04 0304	tds
	Lead, Solid*	17			0.52	0.60	1	mg/Kg	114738		04/16/04 0304	tds

\* In Description = Dry Wgt.



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Job Number: 225739		LABORATORY TEST RESULTS						Date:04/23/2004				
CUSTOMER: SCS Engineers, Inc.			PROJECT: GSA - SLOP				ATTN: David Brewer					
Customer Sample ID: 112 SS 33 (SHALLOW) Date Sampled.....: 04/07/2004 Time Sampled.....: 15:35 Sample Matrix.....: Soil			Laboratory Sample ID: 225739-20 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	77.2			0.10	0.10	1	%	114389		04/12/04 1100	pfk
	% Moisture, Solid	22.8			0.10	0.10	1	%	114389		04/12/04 1100	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	3.7	21	1.00000	ug/Kg	115576		04/23/04 0343	bab
	Aroclor 1221, Solid*	ND		U	8.6	21	1.00000	ug/Kg	115576		04/23/04 0343	bab
	Aroclor 1232, Solid*	ND		U	3.9	21	1.00000	ug/Kg	115576		04/23/04 0343	bab
	Aroclor 1242, Solid*	ND		U	8.1	21	1.00000	ug/Kg	115576		04/23/04 0343	bab
	Aroclor 1248, Solid*	ND		U	3.0	21	1.00000	ug/Kg	115576		04/23/04 0343	bab
	Aroclor 1254, Solid*	ND		U	3.5	21	1.00000	ug/Kg	115576		04/23/04 0343	bab
	Aroclor 1260, Solid*	ND		U	3.2	21	1.00000	ug/Kg	115576		04/23/04 0343	bab
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	3.4			1.1	2.5	1	mg/Kg	114738		04/16/04 0310	tds
	Arsenic, Solid*	6.7			0.63	1.2	1	mg/Kg	114738		04/16/04 0310	tds
	Copper, Solid*	20			1.1	1.2	1	mg/Kg	114738		04/16/04 0310	tds
	Lead, Solid*	190			0.53	0.62	1	mg/Kg	114738		04/16/04 0310	tds

\* In Description = Dry Wgt.

LABORATORY TEST RESULTS												
Job Number: 225739								Date: 04/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 VALT S SED SAMPLE Date Sampled.....: 04/07/2004 Time Sampled.....: 11:50 Sample Matrix.....: Soil						Laboratory Sample ID: 225739-21 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	94.7			0.10	0.10	1	%	114389		04/12/04 1100	pfk
	% Moisture, Solid	5.3			0.10	0.10	1	%	114389		04/12/04 1100	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	3.0	17	1.00000	ug/Kg	115576		04/23/04 0418	bab
	Aroclor 1221, Solid*	ND		U	7.0	17	1.00000	ug/Kg	115576		04/23/04 0418	bab
	Aroclor 1232, Solid*	ND		U	3.1	17	1.00000	ug/Kg	115576		04/23/04 0418	bab
	Aroclor 1242, Solid*	ND		U	6.6	17	1.00000	ug/Kg	115576		04/23/04 0418	bab
	Aroclor 1248, Solid*	ND		U	2.4	17	1.00000	ug/Kg	115576		04/23/04 0418	bab
	Aroclor 1254, Solid*	ND		U	2.8	17	1.00000	ug/Kg	115576		04/23/04 0418	bab
	Aroclor 1260, Solid*	ND		U	2.6	17	1.00000	ug/Kg	115576		04/23/04 0418	bab
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	1400			12	100	5	mg/Kg	114820		04/15/04 1945	lmr
	Antimony, Solid*	ND		U	4.6	10	5	mg/Kg	114820		04/15/04 1945	lmr
	Arsenic, Solid*	ND		U	2.6	5.2	5	mg/Kg	114820		04/15/04 1945	lmr
	Barium, Solid*	26			0.83	5.2	5	mg/Kg	114820		04/15/04 1945	lmr
	Beryllium, Solid*	ND		U	0.23	2.1	5	mg/Kg	114820		04/15/04 1945	lmr
	Cadmium, Solid*	0.55		B	0.41	1.0	5	mg/Kg	114820		04/15/04 1945	lmr
	Calcium, Solid*	320000			16	52	5	mg/Kg	114964		04/17/04 1647	lmr
	Chromium, Solid*	8.3			1.1	5.2	5	mg/Kg	114820		04/15/04 1945	lmr
	Cobalt, Solid*	2.0		B	0.72	2.6	5	mg/Kg	114820		04/15/04 1945	lmr
	Copper, Solid*	ND		U	4.6	5.2	5	mg/Kg	114820		04/15/04 1945	lmr
	Iron, Solid*	3000			15	26	5	mg/Kg	114820		04/15/04 1945	lmr
	Lead, Solid*	3.7			2.2	2.6	5	mg/Kg	114820		04/15/04 1945	lmr
	Magnesium, Solid*	15000			8.8	52	5	mg/Kg	114820		04/15/04 1945	lmr
	Manganese, Solid*	110			0.67	5.2	5	mg/Kg	114820		04/15/04 1945	lmr
	Nickel, Solid*	7.3			1.3	5.2	5	mg/Kg	114820		04/15/04 1945	lmr

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225739								Date:04/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 VALT S SED SAMPLE Date Sampled.....: 04/07/2004 Time Sampled.....: 11:50 Sample Matrix.....: Soil						Laboratory Sample ID: 225739-21 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
	Potassium, Solid*	710			71	260	5	mg/Kg	114820		04/15/04 1945	lmc
	Selenium, Solid*	ND	U		2.1	5.2	5	mg/Kg	114820		04/15/04 1945	lmc
	Silver, Solid*	ND	U		1.6	2.6	5	mg/Kg	114820		04/15/04 1945	lmc
	Sodium, Solid*	ND	U		450	520	5	mg/Kg	114820		04/15/04 1945	lmc
	Thallium, Solid*	ND	U		3.4	5.2	5	mg/Kg	114820		04/15/04 1945	lmc
	Vanadium, Solid*	7.0			1.1	2.6	5	mg/Kg	114964		04/17/04 1647	lmc
	Zinc, Solid*	37			2.1	10	5	mg/Kg	114820		04/15/04 1945	lmc

\* In Description = Dry Wgt.

LABORATORY TEST RESULTS												
Job Number: 225739								Date: 04/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 PRESS VALT SS 22						Laboratory Sample ID: 225739-22						
Date Sampled.....: 04/07/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 13:30						Time Received.....: 08:40						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	81.1			0.10	0.10	1	%	114389		04/12/04 1100	pfk
	% Moisture, Solid	18.9			0.10	0.10	1	%	114389		04/12/04 1100	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	3.6	20	1.00000	ug/Kg	115576		04/23/04 0825	bab
	Aroclor 1221, Solid*	ND		U	8.2	20	1.00000	ug/Kg	115576		04/23/04 0825	bab
	Aroclor 1232, Solid*	ND		U	3.7	20	1.00000	ug/Kg	115576		04/23/04 0825	bab
	Aroclor 1242, Solid*	ND		U	7.7	20	1.00000	ug/Kg	115576		04/23/04 0825	bab
	Aroclor 1248, Solid*	ND		U	2.8	20	1.00000	ug/Kg	115576		04/23/04 0825	bab
	Aroclor 1254, Solid*	ND		U	3.3	20	1.00000	ug/Kg	115576		04/23/04 0825	bab
	Aroclor 1260, Solid*	ND		U	3.1	20	1.00000	ug/Kg	115576		04/23/04 0825	bab
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	9900			2.7	22	1	mg/Kg	114738		04/16/04 0324	tds
	Antimony, Solid*	ND		U	1	2.2	1	mg/Kg	114738		04/16/04 0324	tds
	Arsenic, Solid*	4.9			0.56	1.1	1	mg/Kg	114738		04/16/04 0324	tds
	Barium, Solid*	68			0.18	1.1	1	mg/Kg	114738		04/16/04 0324	tds
	Beryllium, Solid*	0.49			0.049	0.44	1	mg/Kg	114738		04/16/04 0324	tds
	Cadmium, Solid*	ND		U	0.089	0.22	1	mg/Kg	114738		04/16/04 0324	tds
	Calcium, Solid*	2600			3.4	11	1	mg/Kg	114738		04/16/04 0324	tds
	Chromium, Solid*	20			0.24	1.1	1	mg/Kg	114738		04/16/04 0324	tds
	Cobalt, Solid*	5.5			0.15	0.55	1	mg/Kg	114738		04/16/04 0324	tds
	Copper, Solid*	45			1	1.1	1	mg/Kg	114738		04/16/04 0324	tds
	Iron, Solid*	15000			3.3	5.5	1	mg/Kg	114738		04/16/04 0324	tds
	Lead, Solid*	11			0.48	0.55	1	mg/Kg	114738		04/16/04 0324	tds
	Magnesium, Solid*	1700			1.9	11	1	mg/Kg	114738		04/16/04 0324	tds
	Manganese, Solid*	370			0.14	1.1	1	mg/Kg	114738		04/16/04 0324	tds
	Nickel, Solid*	11			0.28	1.1	1	mg/Kg	114738		04/16/04 0324	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225739								Date:04/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 PRESS VALT SS 22 Date Sampled.....: 04/07/2004 Time Sampled.....: 13:30 Sample Matrix.....: Soil						Laboratory Sample ID: 225739-22 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
	Potassium, Solid*	400			15	55	1	mg/Kg	114738		04/16/04 0324	tds
	Selenium, Solid*	ND	U		0.44	1.1	1	mg/Kg	114738		04/16/04 0324	tds
	Silver, Solid*	ND	U		0.34	0.55	1	mg/Kg	114738		04/16/04 0324	tds
	Sodium, Solid*	150			96	110	1	mg/Kg	114738		04/16/04 0324	tds
	Thallium, Solid*	ND	U		0.73	1.1	1	mg/Kg	114820		04/15/04 1956	lmr
	Vanadium, Solid*	31			0.23	0.55	1	mg/Kg	114738		04/16/04 0324	tds
	Zinc, Solid*	27			0.44	2.2	1	mg/Kg	114820		04/15/04 1956	lmr

\* In Description = Dry Wgt.

Job Number: 225739		LABORATORY TEST RESULTS						Date:04/23/2004				
CUSTOMER: SCS Engineers, Inc.			PROJECT: GSA - SLOP				ATTN: David Brewer					
Customer Sample ID: 112 PRESS VALT SS 21			Laboratory Sample ID: 225739-23									
Date Sampled.....: 04/07/2004			Date Received.....: 04/09/2004									
Time Sampled.....: 12:55			Time Received.....: 08:40									
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	82.7			0.10	0.10	1	%	114389		04/12/04 1100	pfk
	% Moisture, Solid	17.3			0.10	0.10	1	%	114389		04/12/04 1100	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	3.5	20	1.00000	ug/Kg	115576		04/23/04 0901	bab
	Aroclor 1221, Solid*	ND		U	8.0	20	1.00000	ug/Kg	115576		04/23/04 0901	bab
	Aroclor 1232, Solid*	ND		U	3.6	20	1.00000	ug/Kg	115576		04/23/04 0901	bab
	Aroclor 1242, Solid*	ND		U	7.6	20	1.00000	ug/Kg	115576		04/23/04 0901	bab
	Aroclor 1248, Solid*	ND		U	2.8	20	1.00000	ug/Kg	115576		04/23/04 0901	bab
	Aroclor 1254, Solid*	ND		U	3.2	20	1.00000	ug/Kg	115576		04/23/04 0901	bab
	Aroclor 1260, Solid*	ND		U	3.0	20	1.00000	ug/Kg	115576		04/23/04 0901	bab
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	10000			2.8	24	1	mg/Kg	114738		04/16/04 0331	tds
	Antimony, Solid*	ND		U	1.1	2.4	1	mg/Kg	114738		04/16/04 0331	tds
	Arsenic, Solid*	3.3			0.60	1.2	1	mg/Kg	114738		04/16/04 0331	tds
	Barium, Solid*	75			0.19	1.2	1	mg/Kg	114738		04/16/04 0331	tds
	Beryllium, Solid*	0.48			0.052	0.47	1	mg/Kg	114738		04/16/04 0331	tds
	Cadmium, Solid*	ND		U	0.094	0.24	1	mg/Kg	114738		04/16/04 0331	tds
	Calcium, Solid*	2300			3.7	12	1	mg/Kg	114738		04/16/04 0331	tds
	Chromium, Solid*	18			0.26	1.2	1	mg/Kg	114738		04/16/04 0331	tds
	Cobalt, Solid*	4.0			0.17	0.59	1	mg/Kg	114738		04/16/04 0331	tds
	Copper, Solid*	8.7			1.1	1.2	1	mg/Kg	114738		04/16/04 0331	tds
	Iron, Solid*	13000			3.5	5.9	1	mg/Kg	114738		04/16/04 0331	tds
	Lead, Solid*	7.0			0.51	0.59	1	mg/Kg	114738		04/16/04 0331	tds
	Magnesium, Solid*	1700			2.0	12	1	mg/Kg	114738		04/16/04 0331	tds
	Manganese, Solid*	140			0.15	1.2	1	mg/Kg	114738		04/16/04 0331	tds
	Nickel, Solid*	9.4			0.29	1.2	1	mg/Kg	114738		04/16/04 0331	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225739								Date:04/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 PRESS VALT SS 21						Laboratory Sample ID: 225739-23						
Date Sampled.....: 04/07/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 12:55						Time Received.....: 08:40						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Potassium, Solid*	390			16	59	1	mg/Kg	114738		04/16/04 0331	tds
	Selenium, Solid*	0.48	B		0.47	1.2	1	mg/Kg	114738		04/16/04 0331	tds
	Silver, Solid*	ND	U		0.37	0.59	1	mg/Kg	114738		04/16/04 0331	tds
	Sodium, Solid*	260			100	120	1	mg/Kg	114738		04/16/04 0331	tds
	Thallium, Solid*	ND	U		0.78	1.2	1	mg/Kg	114820		04/15/04 2002	lmr
	Vanadium, Solid*	23			0.25	0.59	1	mg/Kg	114738		04/16/04 0331	tds
	Zinc, Solid*	23			0.47	2.4	1	mg/Kg	114820		04/15/04 2002	lmr

\* In Description = Dry Wgt.

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Job Number: 225739		LABORATORY TEST RESULTS						Date:04/23/2004				
CUSTOMER: SCS Engineers, Inc.			PROJECT: GSA - SLOP			ATTN: David Brewer						
Customer Sample ID: 112 SS 29 (SHALLOW)			Laboratory Sample ID: 225739-24									
Date Sampled.....: 04/07/2004			Date Received.....: 04/09/2004									
Time Sampled.....: 15:00			Time Received.....: 08:40									
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	79.0			0.10	0.10	1	%	114389		04/12/04 1100	pfk
	% Moisture, Solid	21.0			0.10	0.10	1	%	114389		04/12/04 1100	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	36	210	10.0000	ug/Kg	115576		04/23/04 0936	bab
	Aroclor 1221, Solid*	ND		U	83	210	10.0000	ug/Kg	115576		04/23/04 0936	bab
	Aroclor 1232, Solid*	ND		U	37	210	10.0000	ug/Kg	115576		04/23/04 0936	bab
	Aroclor 1242, Solid*	ND		U	78	210	10.0000	ug/Kg	115576		04/23/04 0936	bab
	Aroclor 1248, Solid*	ND		U	29	210	10.0000	ug/Kg	115576		04/23/04 0936	bab
	Aroclor 1254, Solid*	ND		U	34	210	10.0000	ug/Kg	115576		04/23/04 0936	bab
	Aroclor 1260, Solid*	ND		U	31	210	10.0000	ug/Kg	115576		04/23/04 0936	bab
6010B	Metals Analysis (ICAP Trace)											
	Arsenic, Solid*	7.4			0.63	1.2	1	mg/Kg	114738		04/16/04 0337	tds
	Lead, Solid*	65			0.53	0.61	1	mg/Kg	114738		04/16/04 0337	tds

\* In Description = Dry Wgt.



L A B O R A T O R Y C H R O N I C L E

Job Number: 225739

Date: 04/23/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Lab ID	Client ID	Date Recvd	Sample Date				
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Lab ID: 225739-1	Client ID: 102D SS-4 (DEEP)	Date Recvd: 04/09/2004	Sample Date: 04/08/2004				
Method	% Solids Determination	1	114389			04/12/2004 1100	
3050B	Acid Digestion: Solids (ICAP)	1	114594			04/13/2004 2135	
EDD	Electronic Data Deliverable	1					
3550B	Extraction Ultrasonic (SVOC)	1	114560			04/13/2004 1230	
7471A	Mercury (CVAA) Solids	1	114979	114977		04/16/2004 1316	
6010B	Metals Analysis (ICAP Trace)	1	114820	114594		04/15/2004 1911	
6010B	Metals Analysis (ICAP Trace)	1	114738	114594		04/16/2004 0011	
7470/7471	SW846 Digestion (Hg)	1	114977			04/16/2004 1240	
8270C	Semivolatile Organics	1	115446	114560		04/15/2004 1809	1.00000
Lab ID: 225739-2	Client ID: 102D SS-3 (DEEP)	Date Recvd: 04/09/2004	Sample Date: 04/08/2004				
Method	% Solids Determination	1	114389			04/12/2004 1100	
3050B	Acid Digestion: Solids (ICAP)	1	114594			04/13/2004 2135	
3550B	Extraction Ultrasonic (SVOC)	1	114560			04/13/2004 1230	
7471A	Mercury (CVAA) Solids	1	114979	114977		04/16/2004 1318	
6010B	Metals Analysis (ICAP Trace)	1	114820	114594		04/15/2004 1918	
6010B	Metals Analysis (ICAP Trace)	1	114738	114594		04/16/2004 0018	
7470/7471	SW846 Digestion (Hg)	1	114977			04/16/2004 1240	
8270C	Semivolatile Organics	1	115446	114560		04/15/2004 1836	1.00000
Lab ID: 225739-3	Client ID: 112 SAMPLE 47 REMELT ROOM	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
Method	% Solids Determination	1	114389			04/12/2004 1100	
3050B	Acid Digestion: Solids (ICAP)	1	114594			04/13/2004 2135	
3550B	Extraction Ultrasonic (SVOC)	1	114801			04/15/2004 1700	
7471A	Mercury (CVAA) Solids	1	114979	114977		04/16/2004 1320	
6010B	Metals Analysis (ICAP Trace)	1	114820	114594		04/15/2004 1924	5
6010B	Metals Analysis (ICAP Trace)	1	114964	114594		04/17/2004 1640	5
7470/7471	SW846 Digestion (Hg)	1	114977			04/16/2004 1240	
Lab ID: 225739-4	Client ID: 112 SS 48 (DEEP)	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
Method	% Solids Determination	1	114389			04/12/2004 1100	
3050B	Acid Digestion: Solids (ICAP)	1	114594			04/13/2004 2135	
3550B	Extraction Ultrasonic (PCBs)	1	114429			04/12/2004 1230	
6010B	Metals Analysis (ICAP Trace)	1	114738	114594		04/16/2004 0031	
8082	PCB Analysis	1	115576	114429		04/23/2004 0046	1.00000
Lab ID: 225739-5	Client ID: 112 SS 44 (DEEP)	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
Method	% Solids Determination	1	114389			04/12/2004 1100	
3050B	Acid Digestion: Solids (ICAP)	1	114594			04/13/2004 2135	
3550B	Extraction Ultrasonic (PCBs)	1	114429			04/12/2004 1230	
6010B	Metals Analysis (ICAP Trace)	1	114738	114594		04/16/2004 0038	
8082	PCB Analysis	1	115576	114429		04/23/2004 0121	1.00000
Lab ID: 225739-6	Client ID: 112 SS 45 (SHALLOW)	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
Method	% Solids Determination	1	114389			04/12/2004 1100	
3050B	Acid Digestion: Solids (ICAP)	1	114594			04/13/2004 2135	
3550B	Extraction Ultrasonic (PCBs)	1	114503			04/13/2004 1045	
6010B	Metals Analysis (ICAP Trace)	1	114738	114594		04/16/2004 0045	
8082	PCB Analysis	1	115576	114503		04/23/2004 1158	1.00000
Lab ID: 225739-7	Client ID: TUNNEL ELEC.CON.PAINT	Date Recvd: 04/09/2004	Sample Date: 04/08/2004				
Method	% Solids Determination	1	114389			04/12/2004 1100	
3050B	Acid Digestion: Solids (ICAP)	1	114594			04/13/2004 2135	

## L A B O R A T O R Y   C H R O N I C L E

Job Number: 225739

Date: 04/23/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Lab ID:	Client ID:	Date Recvd:	Sample Date:				
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Lab ID: 225739-7	Client ID: TUNNEL ELEC.CON.PAINT	Date Recvd: 04/09/2004	Sample Date: 04/08/2004				
7471A	Mercury (CVAA) Solids	1	114979	114977		04/16/2004 1406	5
6010B	Metals Analysis (ICAP Trace)	1	114738	114594		04/16/2004 0051	
7470/7471	SW846 Digestion (Hg)	1	114977			04/16/2004 1240	
Lab ID: 225739-8	Client ID: TUNNEL H2O PIPE PAINT	Date Recvd: 04/09/2004	Sample Date: 04/08/2004				
3050B	Acid Digestion: Solids (ICAP)	1	114799			04/15/2004 1740	
7471A	Mercury (CVAA) Solids	1	114979	114977		04/16/2004 1409	20
6010B	Metals Analysis (ICAP Trace)	1	115139	114799		04/20/2004 0803	10
7470/7471	SW846 Digestion (Hg)	1	114977			04/16/2004 1240	
Lab ID: 225739-9	Client ID: 112 PCB WIPE 6	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
3550B	Extraction Ultrasonic (PCBs)	1	114430			04/12/2004 1230	
8082	PCB Analysis	1	115564	114430		04/21/2004 1648	1.00000
Lab ID: 225739-10	Client ID: 112 PCB WIPE 1	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
3550B	Extraction Ultrasonic (PCBs)	1	114430			04/12/2004 1230	
8082	PCB Analysis	1	115564	114430		04/21/2004 1723	1.00000
Lab ID: 225739-11	Client ID: 112 PCB WIPE 2	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
3550B	Extraction Ultrasonic (PCBs)	1	114430			04/12/2004 1230	
8082	PCB Analysis	1	115564	114430		04/21/2004 1759	5.00000
Lab ID: 225739-12	Client ID: 112 PCB WIPE 3	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
3550B	Extraction Ultrasonic (PCBs)	1	114430			04/12/2004 1230	
8082	PCB Analysis	1	115564	114430		04/21/2004 1834	1.00000
Lab ID: 225739-13	Client ID: 112 SS 39 (SHALLOW)	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
Method	% Solids Determination	1	114389			04/12/2004 1100	
3050B	Acid Digestion: Solids (ICAP)	1	114594			04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114594		04/16/2004 0127	
Lab ID: 225739-14	Client ID: 112 SS 38 (SHALLOW)	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
Method	% Solids Determination	1	114389			04/12/2004 1100	
3050B	Acid Digestion: Solids (ICAP)	1	114594			04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114594		04/16/2004 0201	
Lab ID: 225739-15	Client ID: 112 SS 41 (SHALLOW)	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
Method	% Solids Determination	1	114389			04/12/2004 1100	
3050B	Acid Digestion: Solids (ICAP)	1	114594			04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114820	114594		04/15/2004 1934	5
6010B	Metals Analysis (ICAP Trace)	1	114738	114594		04/16/2004 0208	
Lab ID: 225739-16	Client ID: 112 SS 32 (SHALLOW)	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
Method	% Solids Determination	1	114389			04/12/2004 1100	
3050B	Acid Digestion: Solids (ICAP)	1	114594			04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114594		04/16/2004 0214	

## L A B O R A T O R Y    C H R O N I C L E

Job Number: 225739

Date: 04/23/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Lab ID:	Client ID:	Date Recvd:	Sample Date:				
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Lab ID: 225739-17	Client ID: 112 SS 37 (SHALLOW)	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
Method	% Solids Determination	1	114389			04/12/2004 1100	
3050B	Acid Digestion: Solids (ICAP)	1	114594			04/13/2004 2135	
3550B	Extraction Ultrasonic (PCBs)	1	114429			04/12/2004 1230	
6010B	Metals Analysis (ICAP Trace)	1	114738	114594		04/16/2004 0221	
8082	PCB Analysis	1	115576	114429		04/23/2004 0156	1.00000
Lab ID: 225739-18	Client ID: 112 SS 36 (SHALLOW)	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
Method	% Solids Determination	1	114389			04/12/2004 1100	
3050B	Acid Digestion: Solids (ICAP)	1	114594			04/13/2004 2135	
3550B	Extraction Ultrasonic (PCBs)	1	114429			04/12/2004 1230	
6010B	Metals Analysis (ICAP Trace)	1	114738	114594		04/16/2004 0228	
8082	PCB Analysis	1	115576	114429		04/23/2004 0232	5.00000
Lab ID: 225739-19	Client ID: 112 SS 34 (SHALLOW)	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
Method	% Solids Determination	1	114389			04/12/2004 1100	
3050B	Acid Digestion: Solids (ICAP)	1	114594			04/13/2004 2135	
3550B	Extraction Ultrasonic (PCBs)	1	114429			04/12/2004 1230	
6010B	Metals Analysis (ICAP Trace)	1	114738	114594		04/16/2004 0304	
8082	PCB Analysis	1	115576	114429		04/23/2004 0307	5.00000
Lab ID: 225739-20	Client ID: 112 SS 33 (SHALLOW)	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
Method	% Solids Determination	1	114389			04/12/2004 1100	
3050B	Acid Digestion: Solids (ICAP)	1	114594			04/13/2004 2135	
3550B	Extraction Ultrasonic (PCBs)	1	114429			04/12/2004 1230	
6010B	Metals Analysis (ICAP Trace)	1	114738	114594		04/16/2004 0310	
8082	PCB Analysis	1	115576	114429		04/23/2004 0343	1.00000
Lab ID: 225739-21	Client ID: 112 VALT S SED SAMPLE	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
Method	% Solids Determination	1	114389			04/12/2004 1100	
3050B	Acid Digestion: Solids (ICAP)	1	114594			04/13/2004 2135	
3550B	Extraction Ultrasonic (PCBs)	1	114429			04/12/2004 1230	
6010B	Metals Analysis (ICAP Trace)	1	114820	114594		04/15/2004 1945	5
6010B	Metals Analysis (ICAP Trace)	1	114964	114594		04/17/2004 1647	5
8082	PCB Analysis	1	115576	114429		04/23/2004 0418	1.00000
Lab ID: 225739-22	Client ID: 112 PRESS VALT SS 22	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
Method	% Solids Determination	1	114389			04/12/2004 1100	
3050B	Acid Digestion: Solids (ICAP)	1	114594			04/13/2004 2135	
3550B	Extraction Ultrasonic (PCBs)	1	114429			04/12/2004 1230	
6010B	Metals Analysis (ICAP Trace)	1	114820	114594		04/15/2004 1956	
6010B	Metals Analysis (ICAP Trace)	1	114738	114594		04/16/2004 0324	
8082	PCB Analysis	1	115576	114429		04/23/2004 0825	1.00000
Lab ID: 225739-23	Client ID: 112 PRESS VALT SS 21	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
Method	% Solids Determination	1	114389			04/12/2004 1100	
3050B	Acid Digestion: Solids (ICAP)	1	114594			04/13/2004 2135	
3550B	Extraction Ultrasonic (PCBs)	1	114429			04/12/2004 1230	
6010B	Metals Analysis (ICAP Trace)	1	114820	114594		04/15/2004 2002	
6010B	Metals Analysis (ICAP Trace)	1	114738	114594		04/16/2004 0331	

L A B O R A T O R Y C H R O N I C L E

Job Number: 225739

Date: 04/23/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Lab ID:	Client ID:	Date Recvd:	Sample Date:					
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION	
225739-23	112 PRESS VALT SS 21	04/09/2004	04/07/2004					
8082	PCB Analysis	1	115576	114429		04/23/2004 0901	1.00000	
225739-24	112 SS 29 (SHALLOW)	04/09/2004	04/07/2004					
Method	% Solids Determination	1	114389			04/12/2004 1100		
3050B	Acid Digestion: Solids (ICAP)	1	114594			04/13/2004 2135		
3550B	Extraction Ultrasonic (PCBs)	1	114429			04/12/2004 1230		
6010B	Metals Analysis (ICAP Trace)	1	114738	114594		04/16/2004 0337		
8082	PCB Analysis	1	115576	114429		04/23/2004 0936	10.0000	

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 04/23/2004

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 interference, 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

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 04/23/2004

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	Calibration 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

Q U A L I T Y   A S S U R A N C E   M E T H O D S

R E F E R E N C E S   A N D   N O T E S

Report Date: 04/23/2004

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 LABORATORIES  
ANALYTICAL REPORT

JOB NUMBER: 225740

Prepared For:

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

Project: GSA - SLOP - Investigation

Attention: David Brewer

Date: 04/26/2004

\_\_\_\_\_  
Signature

Name: Richard C. Wright

Title: Project Manager

E-Mail: rwright@stl-inc.com

\_\_\_\_\_  
Date

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This Report Contains (\_\_\_\_\_) Pages



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S A M P L E I N F O R M A T I O N  
Date: 04/26/2004

Job Number.: 225740	Project Number.....: 20002601
Customer...: SCS Engineers, Inc.	Customer Project ID....: GSA - SLOP
Attn.....: David Brewer	Project Description....: GSA - SLOP - Investigation

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
225740-1	112 VALT 1 SED.SAMPLE	Soil	04/07/2004	11:40	04/09/2004	08:40
225740-2	112 VALT 3 SED.SAMPLE	Soil	04/07/2004	11:30	04/09/2004	08:40
225740-3	112 SS 15 (DEEP)	Soil	04/07/2004	11:00	04/09/2004	08:40
225740-4	112 SS 17 (DEEP)	Soil	04/07/2004	11:10	04/09/2004	08:40
225740-5	112 SS 16 (DEEP)	Soil	04/07/2004	11:05	04/09/2004	08:40
225740-6	112 SS 14 (DEEP)	Soil	04/07/2004	11:50	04/09/2004	08:40
225740-7	112 SS 12 (DEEP)	Soil	04/07/2004	11:45	04/09/2004	08:40
225740-8	112 SS 13 (SHALLOW)	Soil	04/07/2004	11:40	04/09/2004	08:40
225740-9	112 SS 9 (SHALLOW)	Soil	04/07/2004	10:00	04/09/2004	08:40
225740-10	112 SS 3 (SHALLOW)	Soil	04/07/2004	09:45	04/09/2004	08:40
225740-11	112 SS 4 (DEEP)	Soil	04/07/2004	10:10	04/09/2004	08:40
225740-12	112 SS 7 (SHALLOW)	Soil	04/07/2004	09:55	04/09/2004	08:40
225740-13	112 SS 11(SHALLOW)	Soil	04/07/2004	10:35	04/09/2004	08:40
225740-14	112 SS 5 (SHALLOW)	Soil	04/07/2004	09:50	04/09/2004	08:40
225740-15	112 SS 6 (DEEP)	Soil	04/07/2004	10:15	04/09/2004	08:40
225740-16	112 SS 10 (DEEP)	Soil	04/07/2004	10:25	04/09/2004	08:40
225740-17	112 SS 8 (DEEP)	Soil	04/07/2004	10:20	04/09/2004	08:40
225740-18	112 SS 2 (DEEP)	Soil	04/07/2004	10:05	04/09/2004	08:40
225740-19	112 SS 1 (SHALLOW)	Soil	04/07/2004	09:40	04/09/2004	08:40
225740-20	112 SS 43 (SHALLOW)	Soil	04/07/2004	16:20	04/09/2004	08:40
225740-21	112 SS 42 (SHALLOW)	Soil	04/07/2004	16:17	04/09/2004	08:40
225740-22	112 SS 35 (SHALLOW)	Soil	04/07/2004	15:45	04/09/2004	08:40
225740-23	112 SS 40 (SHALLOW)	Soil	04/07/2004	16:05	04/09/2004	08:40
225740-24	112 SS 31 (DEEP)	Soil	04/07/2004	15:10	04/09/2004	08:40

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LABORATORY TEST RESULTS												
Job Number: 225740								Date: 04/26/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 VALT 1 SED.SAMPLE Date Sampled.....: 04/07/2004 Time Sampled.....: 11:40 Sample Matrix.....: Soil						Laboratory Sample ID: 225740-1 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	96.0			0.10	0.10	1	%	114390		04/12/04 1305	pfk
	% Moisture, Solid	4.0			0.10	0.10	1	%	114390		04/12/04 1305	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	3.0	17	1.00000	ug/Kg	115637		04/23/04 1455	bab
	Aroclor 1221, Solid*	ND		U	6.9	17	1.00000	ug/Kg	115637		04/23/04 1455	bab
	Aroclor 1232, Solid*	ND		U	3.1	17	1.00000	ug/Kg	115637		04/23/04 1455	bab
	Aroclor 1242, Solid*	ND		U	6.5	17	1.00000	ug/Kg	115637		04/23/04 1455	bab
	Aroclor 1248, Solid*	ND		U	2.4	17	1.00000	ug/Kg	115637		04/23/04 1455	bab
	Aroclor 1254, Solid*	ND		U	2.8	17	1.00000	ug/Kg	115637		04/23/04 1455	bab
	Aroclor 1260, Solid*	ND		U	2.6	17	1.00000	ug/Kg	115637		04/23/04 1455	bab
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.0077		B	0.0045	0.017	1	mg/Kg	114797		04/15/04 1539	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	2100			2.3	19	1	mg/Kg	114822		04/16/04 0404	lmr
	Antimony, Solid*	ND		U	0.86	1.9	1	mg/Kg	114822		04/16/04 0404	lmr
	Arsenic, Solid*	1.1			0.49	0.96	1	mg/Kg	114822		04/16/04 0404	lmr
	Barium, Solid*	37			0.15	0.96	1	mg/Kg	114822		04/16/04 0404	lmr
	Beryllium, Solid*	0.10		B	0.042	0.38	1	mg/Kg	114822		04/16/04 0404	lmr
	Cadmium, Solid*	0.49			0.077	0.19	1	mg/Kg	114822		04/16/04 0404	lmr
	Calcium, Solid*	330000			30	96	10	mg/Kg	114964		04/17/04 1506	lmr
	Chromium, Solid*	9.7			0.21	0.96	1	mg/Kg	114822		04/16/04 0404	lmr
	Cobalt, Solid*	1.4			0.13	0.48	1	mg/Kg	114822		04/16/04 0404	lmr
	Copper, Solid*	3.9			0.86	0.96	1	mg/Kg	114822		04/16/04 0404	lmr
	Iron, Solid*	2500			2.9	4.8	1	mg/Kg	114822		04/16/04 0404	lmr
	Lead, Solid*	2.1			0.41	0.48	1	mg/Kg	114822		04/16/04 0404	lmr

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225740								Date: 04/26/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 VALT 1 SED.SAMPLE Date Sampled.....: 04/07/2004 Time Sampled.....: 11:40 Sample Matrix.....: Soil						Laboratory Sample ID: 225740-1 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
	Magnesium, Solid*	12000			1.6	9.6	1	mg/Kg	114822		04/16/04 0404	lmc
	Manganese, Solid*	81			0.12	0.96	1	mg/Kg	114822		04/16/04 0404	lmc
	Nickel, Solid*	7.2			0.24	0.96	1	mg/Kg	114822		04/16/04 0404	lmc
	Potassium, Solid*	1400			13	48	1	mg/Kg	114822		04/16/04 0404	lmc
	Selenium, Solid*	1.2			0.38	0.96	1	mg/Kg	114822		04/16/04 0404	lmc
	Silver, Solid*	ND		U	0.30	0.48	1	mg/Kg	114822		04/16/04 0404	lmc
	Sodium, Solid*	230			83	96	1	mg/Kg	114822		04/16/04 0404	lmc
	Thallium, Solid*	0.75		B	0.63	0.96	1	mg/Kg	114822		04/16/04 0404	lmc
	Vanadium, Solid*	7.6			2.0	4.8	10	mg/Kg	114964		04/17/04 1506	lmc
	Zinc, Solid*	11			0.38	1.9	1	mg/Kg	114822		04/16/04 0404	lmc

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225740								Date: 04/26/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 VALT 3 SED.SAMPLE Date Sampled.....: 04/07/2004 Time Sampled.....: 11:30 Sample Matrix.....: Soil						Laboratory Sample ID: 225740-2 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	98.8			0.10	0.10	1	%	114390		04/12/04 1305	pfk
	% Moisture, Solid	1.2			0.10	0.10	1	%	114390		04/12/04 1305	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	2.9	17	1.00000	ug/Kg	115637		04/23/04 1530	bab
	Aroclor 1221, Solid*	ND		U	6.7	17	1.00000	ug/Kg	115637		04/23/04 1530	bab
	Aroclor 1232, Solid*	ND		U	3.0	17	1.00000	ug/Kg	115637		04/23/04 1530	bab
	Aroclor 1242, Solid*	ND		U	6.3	17	1.00000	ug/Kg	115637		04/23/04 1530	bab
	Aroclor 1248, Solid*	ND		U	2.3	17	1.00000	ug/Kg	115637		04/23/04 1530	bab
	Aroclor 1254, Solid*	ND		U	2.7	17	1.00000	ug/Kg	115637		04/23/04 1530	bab
	Aroclor 1260, Solid*	ND		U	2.5	17	1.00000	ug/Kg	115637		04/23/04 1530	bab
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	ND		U	0.0044	0.017	1	mg/Kg	114797		04/15/04 1541	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	860			2.3	19	1	mg/Kg	114822		04/16/04 0410	lmr
	Antimony, Solid*	ND		U	0.84	1.9	1	mg/Kg	114822		04/16/04 0410	lmr
	Arsenic, Solid*	1.3			0.48	0.94	1	mg/Kg	114822		04/16/04 0410	lmr
	Barium, Solid*	15			0.15	0.94	1	mg/Kg	114822		04/16/04 0410	lmr
	Beryllium, Solid*	0.14		B	0.041	0.38	1	mg/Kg	114822		04/16/04 0410	lmr
	Cadmium, Solid*	ND		U	0.075	0.19	1	mg/Kg	114822		04/16/04 0410	lmr
	Calcium, Solid*	1100			2.9	9.4	1	mg/Kg	114822		04/16/04 0410	lmr
	Chromium, Solid*	2.4			0.21	0.94	1	mg/Kg	114822		04/16/04 0410	lmr
	Cobalt, Solid*	2.2			0.13	0.47	1	mg/Kg	114822		04/16/04 0410	lmr
	Copper, Solid*	1.4			0.84	0.94	1	mg/Kg	114822		04/16/04 0410	lmr
	Iron, Solid*	2700			2.8	4.7	1	mg/Kg	114822		04/16/04 0410	lmr
	Lead, Solid*	3.7			0.40	0.47	1	mg/Kg	114822		04/16/04 0410	lmr

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225740								Date: 04/26/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 VALT 3 SED.SAMPLE Date Sampled.....: 04/07/2004 Time Sampled.....: 11:30 Sample Matrix.....: Soil						Laboratory Sample ID: 225740-2 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*	620			1.6	9.4	1	mg/Kg	114822		04/16/04 0410	lmc
	Manganese, Solid*	55			0.12	0.94	1	mg/Kg	114822		04/16/04 0410	lmc
	Nickel, Solid*	4.7			0.23	0.94	1	mg/Kg	114822		04/16/04 0410	lmc
	Potassium, Solid*	150			13	47	1	mg/Kg	114822		04/16/04 0410	lmc
	Selenium, Solid*	ND		U	0.38	0.94	1	mg/Kg	114822		04/16/04 0410	lmc
	Silver, Solid*	ND		U	0.29	0.47	1	mg/Kg	114822		04/16/04 0410	lmc
	Sodium, Solid*	ND		U	81	94	1	mg/Kg	114822		04/16/04 0410	lmc
	Thallium, Solid*	ND		U	0.62	0.94	1	mg/Kg	114822		04/16/04 0410	lmc
	Vanadium, Solid*	3.5			0.20	0.47	1	mg/Kg	114964		04/17/04 1513	lmc
	Zinc, Solid*	10			0.38	1.9	1	mg/Kg	114822		04/16/04 0410	lmc

\* In Description = Dry Wgt.

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Job Number: 225740		LABORATORY TEST RESULTS						Date:04/26/2004				
CUSTOMER: SCS Engineers, Inc.			PROJECT: GSA - SLOP			ATTN: David Brewer						
Customer Sample ID: 112 SS 15 (DEEP)			Laboratory Sample ID: 225740-3									
Date Sampled.....: 04/07/2004			Date Received.....: 04/09/2004									
Time Sampled.....: 11:00			Time Received.....: 08:40									
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	80.3			0.10	0.10	1	%	114390		04/12/04 1305	pfk
	% Moisture, Solid	19.7			0.10	0.10	1	%	114390		04/12/04 1305	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	3.6	21	1.00000	ug/Kg	115637		04/23/04 1606	bab
	Aroclor 1221, Solid*	ND		U	8.3	21	1.00000	ug/Kg	115637		04/23/04 1606	bab
	Aroclor 1232, Solid*	ND		U	3.7	21	1.00000	ug/Kg	115637		04/23/04 1606	bab
	Aroclor 1242, Solid*	ND		U	7.8	21	1.00000	ug/Kg	115637		04/23/04 1606	bab
	Aroclor 1248, Solid*	ND		U	2.8	21	1.00000	ug/Kg	115637		04/23/04 1606	bab
	Aroclor 1254, Solid*	ND		U	3.3	21	1.00000	ug/Kg	115637		04/23/04 1606	bab
	Aroclor 1260, Solid*	ND		U	3.1	21	1.00000	ug/Kg	115637		04/23/04 1606	bab
6010B	Metals Analysis (ICAP Trace)											
	Lead, Solid*	9.2			0.49	0.57	1	mg/Kg	114822		04/16/04 0441	lmr

\* In Description = Dry Wgt.

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Job Number: 225740		LABORATORY TEST RESULTS						Date:04/26/2004				
CUSTOMER: SCS Engineers, Inc.			PROJECT: GSA - SLOP				ATTN: David Brewer					
Customer Sample ID: 112 SS 17 (DEEP) Date Sampled.....: 04/07/2004 Time Sampled.....: 11:10 Sample Matrix.....: Soil			Laboratory Sample ID: 225740-4 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	79.5			0.10	0.10	1	%	114390		04/12/04 1305	pfk
	% Moisture, Solid	20.5			0.10	0.10	1	%	114390		04/12/04 1305	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	3.6	21	1.00000	ug/Kg	115637		04/23/04 1641	bab
	Aroclor 1221, Solid*	ND		U	8.3	21	1.00000	ug/Kg	115637		04/23/04 1641	bab
	Aroclor 1232, Solid*	ND		U	3.7	21	1.00000	ug/Kg	115637		04/23/04 1641	bab
	Aroclor 1242, Solid*	ND		U	7.8	21	1.00000	ug/Kg	115637		04/23/04 1641	bab
	Aroclor 1248, Solid*	ND		U	2.8	21	1.00000	ug/Kg	115637		04/23/04 1641	bab
	Aroclor 1254, Solid*	ND		U	3.3	21	1.00000	ug/Kg	115637		04/23/04 1641	bab
	Aroclor 1260, Solid*	ND		U	3.1	21	1.00000	ug/Kg	115637		04/23/04 1641	bab
6010B	Metals Analysis (ICAP Trace)											
	Lead, Solid*	17			0.52	0.60	1	mg/Kg	114822		04/16/04 0511	lmr

\* In Description = Dry Wgt.

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Job Number: 225740		LABORATORY TEST RESULTS						Date:04/26/2004				
CUSTOMER: SCS Engineers, Inc.			PROJECT: GSA - SLOP				ATTN: David Brewer					
Customer Sample ID: 112 SS 16 (DEEP) Date Sampled.....: 04/07/2004 Time Sampled.....: 11:05 Sample Matrix.....: Soil			Laboratory Sample ID: 225740-5 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	83.0			0.10	0.10	1	%	114390		04/12/04 1305	pfk
	% Moisture, Solid	17.0			0.10	0.10	1	%	114390		04/12/04 1305	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	3.4	20	1.00000	ug/Kg	115637		04/23/04 1827	bab
	Aroclor 1221, Solid*	ND		U	8.0	20	1.00000	ug/Kg	115637		04/23/04 1827	bab
	Aroclor 1232, Solid*	ND		U	3.6	20	1.00000	ug/Kg	115637		04/23/04 1827	bab
	Aroclor 1242, Solid*	ND		U	7.5	20	1.00000	ug/Kg	115637		04/23/04 1827	bab
	Aroclor 1248, Solid*	ND		U	2.7	20	1.00000	ug/Kg	115637		04/23/04 1827	bab
	Aroclor 1254, Solid*	ND		U	3.2	20	1.00000	ug/Kg	115637		04/23/04 1827	bab
	Aroclor 1260, Solid*	ND		U	3.0	20	1.00000	ug/Kg	115637		04/23/04 1827	bab
6010B	Metals Analysis (ICAP Trace)											
	Lead, Solid*	14			0.49	0.57	1	mg/Kg	114822		04/16/04 0518	lmr

\* In Description = Dry Wgt.



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LABORATORY TEST RESULTS												
Job Number: 225740								Date: 04/26/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 SS 14 (DEEP) Date Sampled.....: 04/07/2004 Time Sampled.....: 11:50 Sample Matrix.....: Soil						Laboratory Sample ID: 225740-6 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	79.7			0.10	0.10	1	%	114390		04/12/04 1305	pfk
	% Moisture, Solid	20.3			0.10	0.10	1	%	114390		04/12/04 1305	pfk
6010B	Metals Analysis (ICAP Trace) Lead, Solid*	9.5			0.50	0.58	1	mg/Kg	114965		04/18/04 0220	lmc

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225740								Date: 04/26/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 SS 12 (DEEP) Date Sampled.....: 04/07/2004 Time Sampled.....: 11:45 Sample Matrix.....: Soil						Laboratory Sample ID: 225740-7 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	79.5			0.10	0.10	1	%	114390		04/12/04 1305	pfk
	% Moisture, Solid	20.5			0.10	0.10	1	%	114390		04/12/04 1305	pfk
6010B	Metals Analysis (ICAP Trace)											
	Lead, Solid*	8.9			0.49	0.57	1	mg/Kg	114965		04/18/04 0226	lmc

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225740								Date: 04/26/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 SS 13 (SHALLOW) Date Sampled.....: 04/07/2004 Time Sampled.....: 11:40 Sample Matrix.....: Soil						Laboratory Sample ID: 225740-8 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	84.5			0.10	0.10	1	%	114390		04/12/04 1305	pfk
	% Moisture, Solid	15.5			0.10	0.10	1	%	114390		04/12/04 1305	pfk
6010B	Metals Analysis (ICAP Trace)											
	Lead, Solid*	1200			0.47	0.54	1	mg/Kg	114965		04/18/04 0233	lmc

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225740								Date: 04/26/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 SS 9 (SHALLOW) Date Sampled.....: 04/07/2004 Time Sampled.....: 10:00 Sample Matrix.....: Soil						Laboratory Sample ID: 225740-9 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
Method	% Solids Determination											
	% Solids, Solid	85.0			0.10	0.10	1	%	114390		04/12/04 1305	pfk
	% Moisture, Solid	15.0			0.10	0.10	1	%	114390		04/12/04 1305	pfk
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	9.9			1.0	2.3	1	mg/Kg	114965		04/18/04 0307	lmr
	Arsenic, Solid*	7.5			0.57	1.1	1	mg/Kg	114965		04/18/04 0307	lmr
	Lead, Solid*	14000			4.8	5.6	10	mg/Kg	115139		04/20/04 0709	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225740								Date: 04/26/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 SS 3 (SHALLOW) Date Sampled.....: 04/07/2004 Time Sampled.....: 09:45 Sample Matrix.....: Soil						Laboratory Sample ID: 225740-10 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	79.8			0.10	0.10	1	%	114390		04/12/04 1305	pfk
	% Moisture, Solid	20.2			0.10	0.10	1	%	114390		04/12/04 1305	pfk
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	9.4			1.1	2.4	1	mg/Kg	114965		04/18/04 0340	lmr
	Arsenic, Solid*	2.4			0.62	1.2	1	mg/Kg	114965		04/18/04 0340	lmr
	Lead, Solid*	1000			0.53	0.61	1	mg/Kg	114965		04/18/04 0340	lmr

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225740								Date: 04/26/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 SS 4 (DEEP) Date Sampled.....: 04/07/2004 Time Sampled.....: 10:10 Sample Matrix.....: Soil						Laboratory Sample ID: 225740-11 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
Method	% Solids Determination											
	% Solids, Solid	79.6			0.10	0.10	1	%	114390		04/12/04 1305	pfk
	% Moisture, Solid	20.4			0.10	0.10	1	%	114390		04/12/04 1305	pfk
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	1.1		B	1.1	2.3	1	mg/Kg	114965		04/18/04 0347	lmc
	Arsenic, Solid*	3.9			0.60	1.2	1	mg/Kg	114965		04/18/04 0347	lmc
	Lead, Solid*	50			0.50	0.59	1	mg/Kg	114965		04/18/04 0347	lmc

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225740								Date: 04/26/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 SS 7 (SHALLOW) Date Sampled.....: 04/07/2004 Time Sampled.....: 09:55 Sample Matrix.....: Soil						Laboratory Sample ID: 225740-12 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
Method	% Solids Determination											
	% Solids, Solid	80.2			0.10	0.10	1	%	114390		04/12/04 1305	pfk
	% Moisture, Solid	19.8			0.10	0.10	1	%	114390		04/12/04 1305	pfk
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	2.8			1.1	2.4	1	mg/Kg	114965		04/18/04 0354	lmc
	Arsenic, Solid*	6.7			0.61	1.2	1	mg/Kg	114965		04/18/04 0354	lmc
	Lead, Solid*	780			0.51	0.59	1	mg/Kg	114965		04/18/04 0354	lmc

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225740								Date:04/26/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 SS 11(SHALLOW) Date Sampled.....: 04/07/2004 Time Sampled.....: 10:35 Sample Matrix.....: Soil						Laboratory Sample ID: 225740-13 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
Method	% Solids Determination											
	% Solids, Solid	83.9			0.10	0.10	1	%	114390		04/12/04 1305	pfk
	% Moisture, Solid	16.1			0.10	0.10	1	%	114390		04/12/04 1305	pfk
6010B	Metals Analysis (ICAP Trace)											
	Lead, Solid*	190			0.48	0.56	1	mg/Kg	114965		04/18/04 0400	lmc

\* In Description = Dry Wgt.



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LABORATORY TEST RESULTS												
Job Number: 225740								Date: 04/26/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 SS 5 (SHALLOW) Date Sampled.....: 04/07/2004 Time Sampled.....: 09:50 Sample Matrix.....: Soil						Laboratory Sample ID: 225740-14 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
Method	% Solids Determination											
	% Solids, Solid	80.7			0.10	0.10	1	%	114390		04/12/04 1305	pfk
	% Moisture, Solid	19.3			0.10	0.10	1	%	114390		04/12/04 1305	pfk
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	4.2			1.1	2.4	1	mg/Kg	114965		04/18/04 0407	lmc
	Arsenic, Solid*	7.3			0.60	1.2	1	mg/Kg	114965		04/18/04 0407	lmc
	Lead, Solid*	1200			0.51	0.59	1	mg/Kg	114965		04/18/04 0407	lmc

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225740								Date: 04/26/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 SS 6 (DEEP) Date Sampled.....: 04/07/2004 Time Sampled.....: 10:15 Sample Matrix.....: Soil						Laboratory Sample ID: 225740-15 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
Method	% Solids Determination											
	% Solids, Solid	77.8			0.10	0.10	1	%	114390		04/12/04 1305	pfk
	% Moisture, Solid	22.2			0.10	0.10	1	%	114390		04/12/04 1305	pfk
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	2.3		B	1.0	2.3	1	mg/Kg	114965		04/18/04 0414	lmc
	Arsenic, Solid*	5.5			0.59	1.1	1	mg/Kg	114965		04/18/04 0414	lmc
	Lead, Solid*	110			0.49	0.57	1	mg/Kg	114965		04/18/04 0414	lmc

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225740								Date: 04/26/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 SS 10 (DEEP) Date Sampled.....: 04/07/2004 Time Sampled.....: 10:25 Sample Matrix.....: Soil						Laboratory Sample ID: 225740-16 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	80.1			0.10	0.10	1	%	114390		04/12/04 1305	pfk
	% Moisture, Solid	19.9			0.10	0.10	1	%	114390		04/12/04 1305	pfk
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	ND		U	1.1	2.4	1	mg/Kg	114965		04/18/04 0421	lmc
	Arsenic, Solid*	2.7			0.61	1.2	1	mg/Kg	114965		04/18/04 0421	lmc
	Lead, Solid*	35			0.52	0.60	1	mg/Kg	114965		04/18/04 0421	lmc

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225740								Date: 04/26/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 SS 8 (DEEP) Date Sampled.....: 04/07/2004 Time Sampled.....: 10:20 Sample Matrix.....: Soil						Laboratory Sample ID: 225740-17 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	77.6			0.10	0.10	1	%	114390		04/12/04 1305	pfk
	% Moisture, Solid	22.4			0.10	0.10	1	%	114390		04/12/04 1305	pfk
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	ND		U	1.1	2.4	1	mg/Kg	114965		04/18/04 0427	lmc
	Arsenic, Solid*	2.9			0.61	1.2	1	mg/Kg	114965		04/18/04 0427	lmc
	Lead, Solid*	14			0.51	0.60	1	mg/Kg	114965		04/18/04 0427	lmc

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225740								Date: 04/26/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 SS 2 (DEEP) Date Sampled.....: 04/07/2004 Time Sampled.....: 10:05 Sample Matrix.....: Soil						Laboratory Sample ID: 225740-18 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
Method	% Solids Determination											
	% Solids, Solid	79.2			0.10	0.10	1	%	114390		04/12/04 1305	pfk
	% Moisture, Solid	20.8			0.10	0.10	1	%	114390		04/12/04 1305	pfk
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	ND		U	1.0	2.3	1	mg/Kg	114965		04/18/04 0434	lmc
	Arsenic, Solid*	2.1			0.59	1.2	1	mg/Kg	114965		04/18/04 0434	lmc
	Lead, Solid*	9.6			0.50	0.58	1	mg/Kg	114965		04/18/04 0434	lmc

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225740								Date: 04/26/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 SS 1 (SHALLOW) Date Sampled.....: 04/07/2004 Time Sampled.....: 09:40 Sample Matrix.....: Soil						Laboratory Sample ID: 225740-19 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	82.0			0.10	0.10	1	%	114390		04/12/04 1305	pfk
	% Moisture, Solid	18.0			0.10	0.10	1	%	114390		04/12/04 1305	pfk
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	5.8			1.0	2.3	1	mg/Kg	114965		04/18/04 0441	lmc
	Arsenic, Solid*	3.0			0.59	1.2	1	mg/Kg	114965		04/18/04 0441	lmc
	Lead, Solid*	470			0.50	0.58	1	mg/Kg	114965		04/18/04 0441	lmc

\* In Description = Dry Wgt.

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Job Number: 225740		LABORATORY TEST RESULTS						Date:04/26/2004				
CUSTOMER: SCS Engineers, Inc.			PROJECT: GSA - SLOP				ATTN: David Brewer					
Customer Sample ID: 112 SS 43 (SHALLOW) Date Sampled.....: 04/07/2004 Time Sampled.....: 16:20 Sample Matrix.....: Soil			Laboratory Sample ID: 225740-20 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	76.4			0.10	0.10	1	%	114390		04/12/04 1305	pfk
	% Moisture, Solid	23.6			0.10	0.10	1	%	114390		04/12/04 1305	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	3.8	22	1.00000	ug/Kg	115637		04/23/04 1903	bab
	Aroclor 1221, Solid*	ND		U	8.7	22	1.00000	ug/Kg	115637		04/23/04 1903	bab
	Aroclor 1232, Solid*	ND		U	3.9	22	1.00000	ug/Kg	115637		04/23/04 1903	bab
	Aroclor 1242, Solid*	ND		U	8.2	22	1.00000	ug/Kg	115637		04/23/04 1903	bab
	Aroclor 1248, Solid*	ND		U	3.0	22	1.00000	ug/Kg	115637		04/23/04 1903	bab
	Aroclor 1254, Solid*	ND		U	3.5	22	1.00000	ug/Kg	115637		04/23/04 1903	bab
	Aroclor 1260, Solid*	11		J	3.2	22	1.00000	ug/Kg	115637		04/23/04 1903	bab
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	ND		U	1.1	2.4	1	mg/Kg	114965		04/18/04 0514	lmr
	Arsenic, Solid*	4.3			0.62	1.2	1	mg/Kg	114965		04/18/04 0514	lmr
	Lead, Solid*	20			0.53	0.61	1	mg/Kg	114965		04/18/04 0514	lmr

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225740								Date: 04/26/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 SS 42 (SHALLOW) Date Sampled.....: 04/07/2004 Time Sampled.....: 16:17 Sample Matrix.....: Soil						Laboratory Sample ID: 225740-21 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	77.8			0.10	0.10	1	%	114386		04/12/04 1000	pfk
	% Moisture, Solid	22.2			0.10	0.10	1	%	114386		04/12/04 1000	pfk
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	9.2			1.1	2.5	1	mg/Kg	114965		04/18/04 0521	lmc
	Arsenic, Solid*	6.0			0.64	1.3	1	mg/Kg	114965		04/18/04 0521	lmc
	Lead, Solid*	1700			0.54	0.63	1	mg/Kg	114965		04/18/04 0521	lmc

\* In Description = Dry Wgt.



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Job Number: 225740		LABORATORY TEST RESULTS						Date:04/26/2004				
CUSTOMER: SCS Engineers, Inc.			PROJECT: GSA - SLOP				ATTN: David Brewer					
Customer Sample ID: 112 SS 35 (SHALLOW) Date Sampled.....: 04/07/2004 Time Sampled.....: 15:45 Sample Matrix.....: Soil			Laboratory Sample ID: 225740-22 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	82.3			0.10	0.10	1	%	114386		04/12/04 1000	pfk
	% Moisture, Solid	17.7			0.10	0.10	1	%	114386		04/12/04 1000	pfk
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	3.5	20	1.00000	ug/Kg	115637		04/23/04 1938	bab
	Aroclor 1221, Solid*	ND		U	8.0	20	1.00000	ug/Kg	115637		04/23/04 1938	bab
	Aroclor 1232, Solid*	ND		U	3.6	20	1.00000	ug/Kg	115637		04/23/04 1938	bab
	Aroclor 1242, Solid*	ND		U	7.5	20	1.00000	ug/Kg	115637		04/23/04 1938	bab
	Aroclor 1248, Solid*	ND		U	2.7	20	1.00000	ug/Kg	115637		04/23/04 1938	bab
	Aroclor 1254, Solid*	ND		U	3.2	20	1.00000	ug/Kg	115637		04/23/04 1938	bab
	Aroclor 1260, Solid*	160			3.0	20	1.00000	ug/Kg	115637		04/23/04 1938	bab
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	1.6		B	1.0	2.2	1	mg/Kg	114965		04/18/04 0528	lmr
	Arsenic, Solid*	4.5			0.57	1.1	1	mg/Kg	114965		04/18/04 0528	lmr
	Copper, Solid*	12			1.0	1.1	1	mg/Kg	114965		04/18/04 0528	lmr
	Lead, Solid*	280			0.48	0.56	1	mg/Kg	114965		04/18/04 0528	lmr

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 225740								Date: 04/26/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112 SS 40 (SHALLOW) Date Sampled.....: 04/07/2004 Time Sampled.....: 16:05 Sample Matrix.....: Soil						Laboratory Sample ID: 225740-23 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	74.4			0.10	0.10	1	%	114386		04/12/04 1000	pfk
	% Moisture, Solid	25.6			0.10	0.10	1	%	114386		04/12/04 1000	pfk
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	13			1.1	2.4	1	mg/Kg	114965		04/18/04 0535	lmc
	Arsenic, Solid*	7.5			0.62	1.2	1	mg/Kg	114965		04/18/04 0535	lmc
	Lead, Solid*	1800			0.52	0.61	1	mg/Kg	114965		04/18/04 0535	lmc

\* In Description = Dry Wgt.

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Job Number: 225740		LABORATORY TEST RESULTS						Date:04/26/2004					
CUSTOMER: SCS Engineers, Inc.			PROJECT: GSA - SLOP				ATTN: David Brewer						
Customer Sample ID: 112 SS 31 (DEEP) Date Sampled.....: 04/07/2004 Time Sampled.....: 15:10 Sample Matrix.....: Soil			Laboratory Sample ID: 225740-24 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	80.4			0.10	0.10	1	%	114386		04/12/04 1000	pfk	
	% Moisture, Solid	19.6			0.10	0.10	1	%	114386		04/12/04 1000	pfk	
8082	PCB Analysis												
	Aroclor 1016, Solid*	ND		U	3.6	21	1.00000	ug/Kg	115637		04/23/04 2013	bab	
	Aroclor 1221, Solid*	ND		U	8.2	21	1.00000	ug/Kg	115637		04/23/04 2013	bab	
	Aroclor 1232, Solid*	ND		U	3.7	21	1.00000	ug/Kg	115637		04/23/04 2013	bab	
	Aroclor 1242, Solid*	ND		U	7.7	21	1.00000	ug/Kg	115637		04/23/04 2013	bab	
	Aroclor 1248, Solid*	ND		U	2.8	21	1.00000	ug/Kg	115637		04/23/04 2013	bab	
	Aroclor 1254, Solid*	ND		U	3.3	21	1.00000	ug/Kg	115637		04/23/04 2013	bab	
	Aroclor 1260, Solid*	ND		U	3.1	21	1.00000	ug/Kg	115637		04/23/04 2013	bab	
6010B	Metals Analysis (ICAP Trace)												
	Arsenic, Solid*	2.4			0.57	1.1	1	mg/Kg	114965		04/18/04 0541	lmr	
	Lead, Solid*	14			0.48	0.56	1	mg/Kg	114965		04/18/04 0541	lmr	

\* In Description = Dry Wgt.

## L A B O R A T O R Y   C H R O N I C L E

Job Number: 225740

Date: 04/26/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Lab ID:	Client ID:	Date Recvd:	Sample Date:				
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Lab ID: 225740-1	Client ID: 112 VALT 1 SED.SAMPLE	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
Method	% Solids Determination	1	114390			04/12/2004 1305	
3050B	Acid Digestion: Solids (ICAP)	1	114619			04/14/2004 1000	
EDD	Electronic Data Deliverable	1					
3550B	Extraction Ultrasonic (PCBs)	1	114503			04/13/2004 1045	
7471A	Mercury (CVAA) Solids	1	114797	114795		04/15/2004 1539	
6010B	Metals Analysis (ICAP Trace)	1	114822	114619		04/16/2004 0404	
6010B	Metals Analysis (ICAP Trace)	1	114964	114619		04/17/2004 1506	10
8082	PCB Analysis	1	115637	114503		04/23/2004 1455	1.00000
7470/7471	SW846 Digestion (Hg)	1	114795			04/15/2004 1235	
Lab ID: 225740-2	Client ID: 112 VALT 3 SED.SAMPLE	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
Method	% Solids Determination	1	114390			04/12/2004 1305	
3050B	Acid Digestion: Solids (ICAP)	1	114619			04/14/2004 1000	
3550B	Extraction Ultrasonic (PCBs)	1	114503			04/13/2004 1045	
7471A	Mercury (CVAA) Solids	1	114797	114795		04/15/2004 1541	
6010B	Metals Analysis (ICAP Trace)	1	114822	114619		04/16/2004 0410	
6010B	Metals Analysis (ICAP Trace)	1	114964	114619		04/17/2004 1513	
8082	PCB Analysis	1	115637	114503		04/23/2004 1530	1.00000
7470/7471	SW846 Digestion (Hg)	1	114795			04/15/2004 1235	
Lab ID: 225740-3	Client ID: 112 SS 15 (DEEP)	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
Method	% Solids Determination	1	114390			04/12/2004 1305	
3050B	Acid Digestion: Solids (ICAP)	1	114619			04/14/2004 1000	
3550B	Extraction Ultrasonic (PCBs)	1	114503			04/13/2004 1045	
6010B	Metals Analysis (ICAP Trace)	1	114822	114619		04/16/2004 0441	
8082	PCB Analysis	1	115637	114503		04/23/2004 1606	1.00000
Lab ID: 225740-4	Client ID: 112 SS 17 (DEEP)	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
Method	% Solids Determination	1	114390			04/12/2004 1305	
3050B	Acid Digestion: Solids (ICAP)	1	114619			04/14/2004 1000	
3550B	Extraction Ultrasonic (PCBs)	1	114503			04/13/2004 1045	
6010B	Metals Analysis (ICAP Trace)	1	114822	114619		04/16/2004 0511	
8082	PCB Analysis	1	115637	114503		04/23/2004 1641	1.00000
Lab ID: 225740-5	Client ID: 112 SS 16 (DEEP)	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
Method	% Solids Determination	1	114390			04/12/2004 1305	
3050B	Acid Digestion: Solids (ICAP)	1	114619			04/14/2004 1000	
3550B	Extraction Ultrasonic (PCBs)	1	114503			04/13/2004 1045	
6010B	Metals Analysis (ICAP Trace)	1	114822	114619		04/16/2004 0518	
8082	PCB Analysis	1	115637	114503		04/23/2004 1827	1.00000
Lab ID: 225740-6	Client ID: 112 SS 14 (DEEP)	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
Method	% Solids Determination	1	114390			04/12/2004 1305	
3050B	Acid Digestion: Solids (ICAP)	1	114768			04/15/2004 1330	
6010B	Metals Analysis (ICAP Trace)	1	114965	114768		04/18/2004 0220	
Lab ID: 225740-7	Client ID: 112 SS 12 (DEEP)	Date Recvd: 04/09/2004	Sample Date: 04/07/2004				
Method	% Solids Determination	1	114390			04/12/2004 1305	
3050B	Acid Digestion: Solids (ICAP)	1	114768			04/15/2004 1330	

## L A B O R A T O R Y    C H R O N I C L E

Job Number: 225740

Date: 04/26/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Lab ID:	Client ID:	Date Recvd:	Sample Date:					
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION	
225740-7	112 SS 12 (DEEP)	04/09/2004	04/07/2004					
6010B	Metals Analysis (ICAP Trace)	1	114965	114768		04/18/2004 0226		
225740-8	112 SS 13 (SHALLOW)	04/09/2004	04/07/2004					
Method	% Solids Determination	1	114390			04/12/2004 1305		
3050B	Acid Digestion: Solids (ICAP)	1	114768			04/15/2004 1330		
6010B	Metals Analysis (ICAP Trace)	1	114965	114768		04/18/2004 0233		
225740-9	112 SS 9 (SHALLOW)	04/09/2004	04/07/2004					
Method	% Solids Determination	1	114390			04/12/2004 1305		
3050B	Acid Digestion: Solids (ICAP)	1	114768			04/15/2004 1330		
6010B	Metals Analysis (ICAP Trace)	1	114965	114768		04/18/2004 0307		
6010B	Metals Analysis (ICAP Trace)	1	115139	114768		04/20/2004 0709	10	
225740-10	112 SS 3 (SHALLOW)	04/09/2004	04/07/2004					
Method	% Solids Determination	1	114390			04/12/2004 1305		
3050B	Acid Digestion: Solids (ICAP)	1	114768			04/15/2004 1330		
6010B	Metals Analysis (ICAP Trace)	1	114965	114768		04/18/2004 0340		
225740-11	112 SS 4 (DEEP)	04/09/2004	04/07/2004					
Method	% Solids Determination	1	114390			04/12/2004 1305		
3050B	Acid Digestion: Solids (ICAP)	1	114768			04/15/2004 1330		
6010B	Metals Analysis (ICAP Trace)	1	114965	114768		04/18/2004 0347		
225740-12	112 SS 7 (SHALLOW)	04/09/2004	04/07/2004					
Method	% Solids Determination	1	114390			04/12/2004 1305		
3050B	Acid Digestion: Solids (ICAP)	1	114768			04/15/2004 1330		
6010B	Metals Analysis (ICAP Trace)	1	114965	114768		04/18/2004 0354		
225740-13	112 SS 11 (SHALLOW)	04/09/2004	04/07/2004					
Method	% Solids Determination	1	114390			04/12/2004 1305		
3050B	Acid Digestion: Solids (ICAP)	1	114768			04/15/2004 1330		
6010B	Metals Analysis (ICAP Trace)	1	114965	114768		04/18/2004 0400		
225740-14	112 SS 5 (SHALLOW)	04/09/2004	04/07/2004					
Method	% Solids Determination	1	114390			04/12/2004 1305		
3050B	Acid Digestion: Solids (ICAP)	1	114768			04/15/2004 1330		
6010B	Metals Analysis (ICAP Trace)	1	114965	114768		04/18/2004 0407		
225740-15	112 SS 6 (DEEP)	04/09/2004	04/07/2004					
Method	% Solids Determination	1	114390			04/12/2004 1305		
3050B	Acid Digestion: Solids (ICAP)	1	114768			04/15/2004 1330		
6010B	Metals Analysis (ICAP Trace)	1	114965	114768		04/18/2004 0414		
225740-16	112 SS 10 (DEEP)	04/09/2004	04/07/2004					
Method	% Solids Determination	1	114390			04/12/2004 1305		
3050B	Acid Digestion: Solids (ICAP)	1	114768			04/15/2004 1330		

## L A B O R A T O R Y    C H R O N I C L E

Job Number: 225740

Date: 04/26/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Lab ID:	Client ID:	Date Recvd:	Sample Date:			DILUTION
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED
225740-16	112 SS 10 (DEEP)	04/09/2004	04/07/2004			
6010B	Metals Analysis (ICAP Trace)	1	114965	114768		04/18/2004 0421
225740-17	112 SS 8 (DEEP)	04/09/2004	04/07/2004			
Method	% Solids Determination	1	114390			04/12/2004 1305
3050B	Acid Digestion: Solids (ICAP)	1	114768			04/15/2004 1330
6010B	Metals Analysis (ICAP Trace)	1	114965	114768		04/18/2004 0427
225740-18	112 SS 2 (DEEP)	04/09/2004	04/07/2004			
Method	% Solids Determination	1	114390			04/12/2004 1305
3050B	Acid Digestion: Solids (ICAP)	1	114768			04/15/2004 1330
6010B	Metals Analysis (ICAP Trace)	1	114965	114768		04/18/2004 0434
225740-19	112 SS 1 (SHALLOW)	04/09/2004	04/07/2004			
Method	% Solids Determination	1	114390			04/12/2004 1305
3050B	Acid Digestion: Solids (ICAP)	1	114768			04/15/2004 1330
6010B	Metals Analysis (ICAP Trace)	1	114965	114768		04/18/2004 0441
225740-20	112 SS 43 (SHALLOW)	04/09/2004	04/07/2004			
Method	% Solids Determination	1	114390			04/12/2004 1305
3050B	Acid Digestion: Solids (ICAP)	1	114768			04/15/2004 1330
3550B	Extraction Ultrasonic (PCBs)	1	114503			04/13/2004 1045
6010B	Metals Analysis (ICAP Trace)	1	114965	114768		04/18/2004 0514
8082	PCB Analysis	1	115637	114503		04/23/2004 1903 1.00000
225740-21	112 SS 42 (SHALLOW)	04/09/2004	04/07/2004			
Method	% Solids Determination	1	114386			04/12/2004 1000
3050B	Acid Digestion: Solids (ICAP)	1	114768			04/15/2004 1330
6010B	Metals Analysis (ICAP Trace)	1	114965	114768		04/18/2004 0521
225740-22	112 SS 35 (SHALLOW)	04/09/2004	04/07/2004			
Method	% Solids Determination	1	114386			04/12/2004 1000
3050B	Acid Digestion: Solids (ICAP)	1	114768			04/15/2004 1330
3550B	Extraction Ultrasonic (PCBs)	1	114503			04/13/2004 1045
6010B	Metals Analysis (ICAP Trace)	1	114965	114768		04/18/2004 0528
8082	PCB Analysis	1	115637	114503		04/23/2004 1938 1.00000
225740-23	112 SS 40 (SHALLOW)	04/09/2004	04/07/2004			
Method	% Solids Determination	1	114386			04/12/2004 1000
3050B	Acid Digestion: Solids (ICAP)	1	114768			04/15/2004 1330
6010B	Metals Analysis (ICAP Trace)	1	114965	114768		04/18/2004 0535
225740-24	112 SS 31 (DEEP)	04/09/2004	04/07/2004			
Method	% Solids Determination	1	114386			04/12/2004 1000
3050B	Acid Digestion: Solids (ICAP)	1	114768			04/15/2004 1330
3550B	Extraction Ultrasonic (PCBs)	1	114503			04/13/2004 1045
6010B	Metals Analysis (ICAP Trace)	1	114965	114768		04/18/2004 0541
8082	PCB Analysis	1	115637	114503		04/23/2004 2013 1.00000

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 04/26/2004

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 interference, 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

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 04/26/2004

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	Calibration 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



Q U A L I T Y   A S S U R A N C E   M E T H O D S

R E F E R E N C E S   A N D   N O T E S

Report Date: 04/26/2004

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 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

\_\_\_\_\_  
Signature

Name: Richard C. Wright

Title: Project Manager

E-Mail: rwright@stl-inc.com

\_\_\_\_\_  
Date

STL Chicago  
2417 Bond Street  
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FAX..: (708) 534-5211

This Report Contains (\_\_\_\_\_) Pages

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S A M P L E I N F O R M A T I O N  
Date: 04/22/2004

Job Number.: 225741	Project Number.....: 20002601
Customer...: SCS Engineers, Inc.	Customer Project ID....: GSA - SLOP
Attn.....: David Brewer	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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Job Number: 225741		LABORATORY TEST RESULTS						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	DT	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	pkg
Method	% Solids Determination											
	% Solids, Solid	80.6			0.10	0.10	1	%	114386		04/12/04 1000	pkg
	% Moisture, Solid	19.4			0.10	0.10	1	%	114386		04/12/04 1000	pkg
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.

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						Laboratory Sample ID: 225741-2						
Date Sampled.....: 04/06/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 17:25						Time Received.....: 08:40						
Sample Matrix.....: Soil												
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						Laboratory Sample ID: 225741-2						
Date Sampled.....: 04/06/2004						Date Received.....: 04/09/2004						
Time Sampled.....: 17:25						Time Received.....: 08:40						
Sample Matrix.....: Soil												
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	lmc

\* 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 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.

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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 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
6010B	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	lmc

\* 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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Job Number: 225741		LABORATORY TEST RESULTS						Date: 04/22/2004				
CUSTOMER: SCS Engineers, Inc.			PROJECT: GSA - SLOP			ATTN: David Brewer						
Customer Sample ID: 112 WIPE 7			Laboratory Sample ID: 225741-12									
Date Sampled.....: 04/06/2004			Date Received.....: 04/09/2004									
Time Sampled.....: 15:40			Time Received.....: 08:40									
Sample Matrix.....: Wipe												
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.

Job Number: 225741		LABORATORY TEST RESULTS						Date:04/22/2004				
CUSTOMER: SCS Engineers, Inc.			PROJECT: GSA - SLOP			ATTN: David Brewer						
Customer Sample ID: 112 WIPE 1			Laboratory Sample ID: 225741-14									
Date Sampled.....: 04/06/2004			Date Received.....: 04/09/2004									
Time Sampled.....: 15:05			Time Received.....: 08:40									
Sample Matrix.....: Wipe												
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

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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.

Job Number: 225741		LABORATORY TEST RESULTS						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.



## L A B O R A T O R Y    C H R O N I C L E

Job Number: 225741

Date: 04/22/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Lab ID:	Client ID:	Date Recvd:	Sample Date:				
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Lab ID: 225741-1	Client ID: 110 SS-1	Date Recvd: 04/09/2004	Sample Date: 04/06/2004				
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	% 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	

## L A B O R A T O R Y    C H R O N I C L E

Job Number: 225741

Date: 04/22/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Lab ID:	Client ID:	Date Recvd:	Sample Date:				
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
225741-11	112 WIPE 4 METAL VENT	04/09/2004	04/06/2004				
3050B	Acid Digestion: Solids (ICAP)	1	114595			04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595		04/16/2004 0619	
225741-12	112 WIPE 7	04/09/2004	04/06/2004				
3050B	Acid Digestion: Solids (ICAP)	1	114595			04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595		04/16/2004 0626	
225741-13	112 WIPE 6	04/09/2004	04/06/2004				
3050B	Acid Digestion: Solids (ICAP)	1	114595			04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595		04/16/2004 0633	
225741-14	112 WIPE 1	04/09/2004	04/06/2004				
3050B	Acid Digestion: Solids (ICAP)	1	114595			04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595		04/16/2004 0639	
225741-15	112 WIPE 16	04/09/2004	04/06/2004				
3050B	Acid Digestion: Solids (ICAP)	1	114595			04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595		04/16/2004 0646	
225741-16	112 WIPE 18 VALTCASE PIPE	04/09/2004	04/06/2004				
3050B	Acid Digestion: Solids (ICAP)	1	114595			04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595		04/16/2004 0653	
225741-17	112 WIPE 8	04/09/2004	04/06/2004				
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	
225741-18	112 WIPE 11 WRAPPED PIPE	04/09/2004	04/06/2004				
3050B	Acid Digestion: Solids (ICAP)	1	114595			04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595		04/16/2004 0706	
225741-19	112 WIPE 5	04/09/2004	04/06/2004				
3050B	Acid Digestion: Solids (ICAP)	1	114595			04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595		04/16/2004 0713	
225741-20	B112 WIPE 10 (PILLAR)	04/09/2004	04/06/2004				
3050B	Acid Digestion: Solids (ICAP)	1	114595			04/13/2004 2135	
6010B	Metals Analysis (ICAP Trace)	1	114738	114595		04/16/2004 0749	

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 04/22/2004

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 interference, 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

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 04/22/2004

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	Calibration 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

Q U A L I T Y   A S S U R A N C E   M E T H O D S

R E F E R E N C E S   A N D   N O T E S

Report Date: 04/22/2004

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 LABORATORIES  
ANALYTICAL REPORT

JOB NUMBER: 228707

Prepared For:

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

Project: GSA - SLOP - Building 112

Attention: David Brewer

Date: 08/05/2004

\_\_\_\_\_  
Signature

Name: Richard C. Wright

Title: Project Manager

E-Mail: rwright@stl-inc.com

\_\_\_\_\_  
Date

STL Chicago  
2417 Bond Street  
University Park, IL 60466

PHONE: (708) 534-5200

FAX..: (708) 534-5211

This Report Contains (\_\_\_\_\_) Pages

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S A M P L E I N F O R M A T I O N  
Date: 08/05/2004

Job Number.: 228707	Project Number.....: 20004527
Customer...: SCS Engineers, Inc.	Customer Project ID...: GSA-SLOP-BUILDING 112
Attn.....: David Brewer	Project Description....: GSA - SLOP - Building 112

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
228707-1	112SS101	Soil	07/20/2004	14:00	07/22/2004	09:20
228707-2	112SS102	Soil	07/20/2004	14:10	07/22/2004	09:20
228707-3	112SS103	Soil	07/20/2004	14:20	07/22/2004	09:20
228707-4	112SS104	Soil	07/20/2004	14:30	07/22/2004	09:20
228707-5	112SS105	Soil	07/20/2004	14:50	07/22/2004	09:20
228707-6	112SS106	Soil	07/20/2004	14:55	07/22/2004	09:20
228707-7	112SS107	Soil	07/20/2004	15:00	07/22/2004	09:20
228707-8	112SS108	Soil	07/21/2004	08:00	07/22/2004	09:20
228707-9	112SS109	Soil	07/21/2004	08:05	07/22/2004	09:20
228707-10	112SS110	Soil	07/21/2004	08:10	07/22/2004	09:20
228707-11	112SS111	Soil	07/21/2004	08:15	07/22/2004	09:20
228707-12	112SS112	Soil	07/21/2004	08:20	07/22/2004	09:20
228707-13	112SS113	Soil	07/21/2004	08:25	07/22/2004	09:20
228707-14	112SS114	Soil	07/21/2004	08:30	07/22/2004	09:20
228707-15	112SS115	Soil	07/21/2004	08:35	07/22/2004	09:20
228707-16	112SS116	Soil	07/21/2004	08:40	07/22/2004	09:20
228707-17	112SS117	Soil	07/21/2004	08:45	07/22/2004	09:20
228707-18	112SS118	Soil	07/21/2004	08:50	07/22/2004	09:20
228707-19	112SS119	Soil	07/21/2004	08:55	07/22/2004	09:20
228707-20	112SS120	Soil	07/21/2004	09:00	07/22/2004	09:20
228707-21	112SS121	Soil	07/21/2004	09:05	07/22/2004	09:20
228707-22	112SS122	Soil	07/21/2004	09:10	07/22/2004	09:20

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LABORATORY TEST RESULTS												
Job Number: 228707								Date:08/05/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA-SLOP-BUILDING 11				ATTN: David Brewer				
Customer Sample ID: 112SS101						Laboratory Sample ID: 228707-1						
Date Sampled.....: 07/20/2004						Date Received.....: 07/22/2004						
Time Sampled.....: 14:00						Time Received.....: 09:20						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	81.3			0.10	0.10	1	%	124132		07/26/04 1803	clb
	% Moisture, Solid	18.7			0.10	0.10	1	%	124132		07/26/04 1803	clb
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	ND		U	1.0	2.3	1	mg/Kg	124446		07/28/04 1441	tds
	Arsenic, Solid*	4.2			0.58	1.1	1	mg/Kg	124446		07/28/04 1441	tds
	Copper, Solid*	35			1.0	1.1	1	mg/Kg	124446		07/28/04 1441	tds
	Lead, Solid*	39			0.49	0.57	1	mg/Kg	124446		07/28/04 1441	tds

\* In Description = Dry Wgt.



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LABORATORY TEST RESULTS												
Job Number: 228707								Date:08/05/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA-SLOP-BUILDING 11				ATTN: David Brewer				
Customer Sample ID: 112SS102 Date Sampled.....: 07/20/2004 Time Sampled.....: 14:10 Sample Matrix.....: Soil						Laboratory Sample ID: 228707-2 Date Received.....: 07/22/2004 Time Received.....: 09:20						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	80.4			0.10	0.10	1	%	124132		07/26/04 1808	clb
	% Moisture, Solid	19.6			0.10	0.10	1	%	124132		07/26/04 1808	clb
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	4.2			1.1	2.4	1	mg/Kg	124156		07/26/04 2242	tds
	Arsenic, Solid*	4.4			0.61	1.2	1	mg/Kg	124156		07/26/04 2242	tds
	Copper, Solid*	23			1.1	1.2	1	mg/Kg	124156		07/26/04 2242	tds
	Lead, Solid*	96			0.51	0.59	1	mg/Kg	124156		07/26/04 2242	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 228707								Date:08/05/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA-SLOP-BUILDING 11				ATTN: David Brewer				
Customer Sample ID: 112SS103						Laboratory Sample ID: 228707-3						
Date Sampled.....: 07/20/2004						Date Received.....: 07/22/2004						
Time Sampled.....: 14:20						Time Received.....: 09:20						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	81.7			0.10	0.10	1	%	124132		07/26/04 1811	clb
	% Moisture, Solid	18.3			0.10	0.10	1	%	124132		07/26/04 1811	clb
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	1.4	B		1.0	2.3	1	mg/Kg	124156		07/26/04 2249	tds
	Arsenic, Solid*	2.7			0.59	1.2	1	mg/Kg	124156		07/26/04 2249	tds
	Copper, Solid*	15			1.0	1.2	1	mg/Kg	124156		07/26/04 2249	tds
	Lead, Solid*	21			0.49	0.58	1	mg/Kg	124156		07/26/04 2249	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 228707								Date:08/05/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA-SLOP-BUILDING 11				ATTN: David Brewer				
Customer Sample ID: 112SS104						Laboratory Sample ID: 228707-4						
Date Sampled.....: 07/20/2004						Date Received.....: 07/22/2004						
Time Sampled.....: 14:30						Time Received.....: 09:20						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	81.2			0.10	0.10	1	%	124132		07/26/04 1814	clb
	% Moisture, Solid	18.8			0.10	0.10	1	%	124132		07/26/04 1814	clb
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	2.2	B		1.1	2.4	1	mg/Kg	124156		07/26/04 2255	tds
	Arsenic, Solid*	5.2			0.61	1.2	1	mg/Kg	124156		07/26/04 2255	tds
	Copper, Solid*	13			1.1	1.2	1	mg/Kg	124156		07/26/04 2255	tds
	Lead, Solid*	130			0.51	0.59	1	mg/Kg	124156		07/26/04 2255	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 228707								Date:08/05/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA-SLOP-BUILDING 11				ATTN: David Brewer				
Customer Sample ID: 112SS105						Laboratory Sample ID: 228707-5						
Date Sampled.....: 07/20/2004						Date Received.....: 07/22/2004						
Time Sampled.....: 14:50						Time Received.....: 09:20						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	78.5			0.10	0.10	1	%	124132		07/26/04 1817	clb
	% Moisture, Solid	21.5			0.10	0.10	1	%	124132		07/26/04 1817	clb
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	2.5			1.1	2.4	1	mg/Kg	124156		07/26/04 2327	tds
	Arsenic, Solid*	8.0			0.60	1.2	1	mg/Kg	124156		07/26/04 2327	tds
	Copper, Solid*	16			1.1	1.2	1	mg/Kg	124156		07/26/04 2327	tds
	Lead, Solid*	23			0.51	0.59	1	mg/Kg	124156		07/26/04 2327	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 228707								Date:08/05/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA-SLOP-BUILDING 11				ATTN: David Brewer				
Customer Sample ID: 112SS106						Laboratory Sample ID: 228707-6						
Date Sampled.....: 07/20/2004						Date Received.....: 07/22/2004						
Time Sampled.....: 14:55						Time Received.....: 09:20						
Sample Matrix.....: Soil												
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	%	124132		07/26/04 1820	clb
	% Moisture, Solid	19.9			0.10	0.10	1	%	124132		07/26/04 1820	clb
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	1.4	B		1.0	2.3	1	mg/Kg	124156		07/26/04 2333	tds
	Arsenic, Solid*	5.3			0.58	1.1	1	mg/Kg	124156		07/26/04 2333	tds
	Copper, Solid*	15			1.0	1.1	1	mg/Kg	124156		07/26/04 2333	tds
	Lead, Solid*	190			0.49	0.56	1	mg/Kg	124156		07/26/04 2333	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 228707								Date:08/05/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA-SLOP-BUILDING 11				ATTN: David Brewer				
Customer Sample ID: 112SS107						Laboratory Sample ID: 228707-7						
Date Sampled.....: 07/20/2004						Date Received.....: 07/22/2004						
Time Sampled.....: 15:00						Time Received.....: 09:20						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	81.2			0.10	0.10	1	%	124132		07/26/04 1822	clb
	% Moisture, Solid	18.8			0.10	0.10	1	%	124132		07/26/04 1822	clb
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	1.4	B		1.1	2.4	1	mg/Kg	124156		07/26/04 2339	tds
	Arsenic, Solid*	6.3			0.61	1.2	1	mg/Kg	124156		07/26/04 2339	tds
	Copper, Solid*	14			1.1	1.2	1	mg/Kg	124156		07/26/04 2339	tds
	Lead, Solid*	370			0.51	0.59	1	mg/Kg	124156		07/26/04 2339	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 228707								Date:08/05/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA-SLOP-BUILDING 11				ATTN: David Brewer				
Customer Sample ID: 112SS108						Laboratory Sample ID: 228707-8						
Date Sampled.....: 07/21/2004						Date Received.....: 07/22/2004						
Time Sampled.....: 08:00						Time Received.....: 09:20						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	82.9			0.10	0.10	1	%	124132		07/26/04 1825	clb
	% Moisture, Solid	17.1			0.10	0.10	1	%	124132		07/26/04 1825	clb
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	2.6			0.99	2.2	1	mg/Kg	124156		07/26/04 2346	tds
	Arsenic, Solid*	7.3			0.56	1.1	1	mg/Kg	124156		07/26/04 2346	tds
	Copper, Solid*	16			0.99	1.1	1	mg/Kg	124156		07/26/04 2346	tds
	Lead, Solid*	43			0.47	0.55	1	mg/Kg	124156		07/26/04 2346	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 228707								Date:08/05/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA-SLOP-BUILDING 11				ATTN: David Brewer				
Customer Sample ID: 112SS109						Laboratory Sample ID: 228707-9						
Date Sampled.....: 07/21/2004						Date Received.....: 07/22/2004						
Time Sampled.....: 08:05						Time Received.....: 09:20						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	79.2			0.10	0.10	1	%	124132		07/26/04 1828	clb
	% Moisture, Solid	20.8			0.10	0.10	1	%	124132		07/26/04 1828	clb
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	11			1.1	2.4	1	mg/Kg	124156		07/26/04 2352	tds
	Arsenic, Solid*	6.8			0.60	1.2	1	mg/Kg	124156		07/26/04 2352	tds
	Copper, Solid*	19			1.1	1.2	1	mg/Kg	124156		07/26/04 2352	tds
	Lead, Solid*	1100			0.51	0.59	1	mg/Kg	124156		07/26/04 2352	tds

\* In Description = Dry Wgt.



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LABORATORY TEST RESULTS												
Job Number: 228707								Date:08/05/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA-SLOP-BUILDING 11				ATTN: David Brewer				
Customer Sample ID: 112SS110						Laboratory Sample ID: 228707-10						
Date Sampled.....: 07/21/2004						Date Received.....: 07/22/2004						
Time Sampled.....: 08:10						Time Received.....: 09:20						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	80.3			0.10	0.10	1	%	124132		07/26/04 1831	clb
	% Moisture, Solid	19.7			0.10	0.10	1	%	124132		07/26/04 1831	clb
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	2.1	B		1.1	2.4	1	mg/Kg	124156		07/26/04 2358	tds
	Arsenic, Solid*	6.5			0.60	1.2	1	mg/Kg	124156		07/26/04 2358	tds
	Copper, Solid*	15			1.1	1.2	1	mg/Kg	124156		07/26/04 2358	tds
	Lead, Solid*	100			0.51	0.59	1	mg/Kg	124156		07/26/04 2358	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 228707								Date:08/05/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA-SLOP-BUILDING 11				ATTN: David Brewer				
Customer Sample ID: 112SS111						Laboratory Sample ID: 228707-11						
Date Sampled.....: 07/21/2004						Date Received.....: 07/22/2004						
Time Sampled.....: 08:15						Time Received.....: 09:20						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	79.6			0.10	0.10	1	%	124132		07/26/04 1834	clb
	% Moisture, Solid	20.4			0.10	0.10	1	%	124132		07/26/04 1834	clb
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	1.4	B		1.0	2.3	1	mg/Kg	124156		07/27/04 0004	tds
	Arsenic, Solid*	5.4			0.59	1.1	1	mg/Kg	124156		07/27/04 0004	tds
	Copper, Solid*	13			1.0	1.1	1	mg/Kg	124156		07/27/04 0004	tds
	Lead, Solid*	16			0.49	0.57	1	mg/Kg	124156		07/27/04 0004	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 228707								Date:08/05/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA-SLOP-BUILDING 11				ATTN: David Brewer				
Customer Sample ID: 112SS112						Laboratory Sample ID: 228707-12						
Date Sampled.....: 07/21/2004						Date Received.....: 07/22/2004						
Time Sampled.....: 08:20						Time Received.....: 09:20						
Sample Matrix.....: Soil												
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	%	124132		07/26/04 1837	clb
	% Moisture, Solid	19.5			0.10	0.10	1	%	124132		07/26/04 1837	clb
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	1.5	B		1.0	2.3	1	mg/Kg	124156		07/27/04 0010	tds
	Arsenic, Solid*	4.6			0.59	1.2	1	mg/Kg	124156		07/27/04 0010	tds
	Copper, Solid*	11			1.0	1.2	1	mg/Kg	124156		07/27/04 0010	tds
	Lead, Solid*	26			0.50	0.58	1	mg/Kg	124156		07/27/04 0010	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 228707								Date:08/05/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA-SLOP-BUILDING 11				ATTN: David Brewer				
Customer Sample ID: 112SS113						Laboratory Sample ID: 228707-13						
Date Sampled.....: 07/21/2004						Date Received.....: 07/22/2004						
Time Sampled.....: 08:25						Time Received.....: 09:20						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	78.0			0.10	0.10	1	%	124132		07/26/04 1839	clb
	% Moisture, Solid	22.0			0.10	0.10	1	%	124132		07/26/04 1839	clb
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	1.8	B		1.1	2.5	1	mg/Kg	124156		07/27/04 0017	tds
	Arsenic, Solid*	8.7			0.63	1.2	1	mg/Kg	124156		07/27/04 0017	tds
	Copper, Solid*	17			1.1	1.2	1	mg/Kg	124156		07/27/04 0017	tds
	Lead, Solid*	16			0.53	0.62	1	mg/Kg	124156		07/27/04 0017	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 228707								Date:08/05/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA-SLOP-BUILDING 11				ATTN: David Brewer				
Customer Sample ID: 112SS114						Laboratory Sample ID: 228707-14						
Date Sampled.....: 07/21/2004						Date Received.....: 07/22/2004						
Time Sampled.....: 08:30						Time Received.....: 09:20						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	79.4			0.10	0.10	1	%	124132		07/26/04 1842	clb
	% Moisture, Solid	20.6			0.10	0.10	1	%	124132		07/26/04 1842	clb
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	1.2	B		1.1	2.4	1	mg/Kg	124156		07/27/04 0023	tds
	Arsenic, Solid*	2.9			0.62	1.2	1	mg/Kg	124156		07/27/04 0023	tds
	Copper, Solid*	11			1.1	1.2	1	mg/Kg	124156		07/27/04 0023	tds
	Lead, Solid*	8.4			0.52	0.61	1	mg/Kg	124156		07/27/04 0023	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 228707								Date:08/05/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA-SLOP-BUILDING 11				ATTN: David Brewer				
Customer Sample ID: 112SS115						Laboratory Sample ID: 228707-15						
Date Sampled.....: 07/21/2004						Date Received.....: 07/22/2004						
Time Sampled.....: 08:35						Time Received.....: 09:20						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	77.4			0.10	0.10	1	%	124132		07/26/04 1845	clb
	% Moisture, Solid	22.6			0.10	0.10	1	%	124132		07/26/04 1845	clb
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	2.3	B		1.1	2.5	1	mg/Kg	124156		07/27/04 0055	tds
	Arsenic, Solid*	4.9			0.63	1.2	1	mg/Kg	124156		07/27/04 0055	tds
	Copper, Solid*	13			1.1	1.2	1	mg/Kg	124156		07/27/04 0055	tds
	Lead, Solid*	13			0.53	0.62	1	mg/Kg	124156		07/27/04 0055	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 228707								Date:08/05/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA-SLOP-BUILDING 11				ATTN: David Brewer				
Customer Sample ID: 112SS116 Date Sampled.....: 07/21/2004 Time Sampled.....: 08:40 Sample Matrix.....: Soil						Laboratory Sample ID: 228707-16 Date Received.....: 07/22/2004 Time Received.....: 09:20						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	79.5			0.10	0.10	1	%	124132		07/26/04 1848	clb
	% Moisture, Solid	20.5			0.10	0.10	1	%	124132		07/26/04 1848	clb
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	1.5	B		1.1	2.4	1	mg/Kg	124156		07/27/04 0101	tds
	Arsenic, Solid*	8.7			0.60	1.2	1	mg/Kg	124156		07/27/04 0101	tds
	Copper, Solid*	13			1.1	1.2	1	mg/Kg	124156		07/27/04 0101	tds
	Lead, Solid*	34			0.51	0.59	1	mg/Kg	124156		07/27/04 0101	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 228707								Date:08/05/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA-SLOP-BUILDING 11				ATTN: David Brewer				
Customer Sample ID: 112SS117						Laboratory Sample ID: 228707-17						
Date Sampled.....: 07/21/2004						Date Received.....: 07/22/2004						
Time Sampled.....: 08:45						Time Received.....: 09:20						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	77.7			0.10	0.10	1	%	124132		07/26/04 1851	clb
	% Moisture, Solid	22.3			0.10	0.10	1	%	124132		07/26/04 1851	clb
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	1.7	B		1.1	2.3	1	mg/Kg	124156		07/27/04 0107	tds
	Arsenic, Solid*	9.8			0.60	1.2	1	mg/Kg	124156		07/27/04 0107	tds
	Copper, Solid*	14			1.1	1.2	1	mg/Kg	124156		07/27/04 0107	tds
	Lead, Solid*	11			0.50	0.58	1	mg/Kg	124156		07/27/04 0107	tds

\* In Description = Dry Wgt.



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LABORATORY TEST RESULTS												
Job Number: 228707								Date:08/05/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA-SLOP-BUILDING 11				ATTN: David Brewer				
Customer Sample ID: 112SS118						Laboratory Sample ID: 228707-18						
Date Sampled.....: 07/21/2004						Date Received.....: 07/22/2004						
Time Sampled.....: 08:50						Time Received.....: 09:20						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, 3541 Solid*	ND	U		11	98	5.00000	ug/Kg	125017		08/03/04 1654	bjt
	Aroclor 1221, 3541 Solid*	ND	U		12	98	5.00000	ug/Kg	125017		08/03/04 1654	bjt
	Aroclor 1232, 3541 Solid*	ND	U		12	98	5.00000	ug/Kg	125017		08/03/04 1654	bjt
	Aroclor 1242, 3541 Solid*	ND	U		12	98	5.00000	ug/Kg	125017		08/03/04 1654	bjt
	Aroclor 1248, 3541 Solid*	ND	U		12	98	5.00000	ug/Kg	125017		08/03/04 1654	bjt
	Aroclor 1254, 3541 Solid*	ND	U		12	98	5.00000	ug/Kg	125017		08/03/04 1654	bjt
	Aroclor 1260, 3541 Solid*	ND	U		8.2	98	5.00000	ug/Kg	125017		08/03/04 1654	bjt
Method	% Solids Determination											
	% Solids, Solid	82.8			0.10	0.10	1	%	124132		07/26/04 1853	clb
	% Moisture, Solid	17.2			0.10	0.10	1	%	124132		07/26/04 1853	clb
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	1.6	B		1.0	2.3	1	mg/Kg	124156		07/27/04 0114	tds
	Arsenic, Solid*	6.8			0.57	1.1	1	mg/Kg	124156		07/27/04 0114	tds
	Copper, Solid*	15			1.0	1.1	1	mg/Kg	124156		07/27/04 0114	tds
	Lead, Solid*	25			0.48	0.56	1	mg/Kg	124156		07/27/04 0114	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 228707								Date:08/05/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA-SLOP-BUILDING 11				ATTN: David Brewer				
Customer Sample ID: 112SS119						Laboratory Sample ID: 228707-19						
Date Sampled.....: 07/21/2004						Date Received.....: 07/22/2004						
Time Sampled.....: 08:55						Time Received.....: 09:20						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, 3541 Solid*	ND	U		22	190	10.0000	ug/Kg	125017		08/03/04 1729	bjt
	Aroclor 1221, 3541 Solid*	ND	U		23	190	10.0000	ug/Kg	125017		08/03/04 1729	bjt
	Aroclor 1232, 3541 Solid*	ND	U		23	190	10.0000	ug/Kg	125017		08/03/04 1729	bjt
	Aroclor 1242, 3541 Solid*	ND	U		23	190	10.0000	ug/Kg	125017		08/03/04 1729	bjt
	Aroclor 1248, 3541 Solid*	ND	U		23	190	10.0000	ug/Kg	125017		08/03/04 1729	bjt
	Aroclor 1254, 3541 Solid*	ND	U		23	190	10.0000	ug/Kg	125017		08/03/04 1729	bjt
	Aroclor 1260, 3541 Solid*	ND	U		16	190	10.0000	ug/Kg	125017		08/03/04 1729	bjt
Method	% Solids Determination											
	% Solids, Solid	85.3			0.10	0.10	1	%	124132		07/26/04 1856	clb
	% Moisture, Solid	14.7			0.10	0.10	1	%	124132		07/26/04 1856	clb
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	2.0	B		0.94	2.1	1	mg/Kg	124156		07/27/04 0120	tds
	Arsenic, Solid*	8.4			0.53	1.0	1	mg/Kg	124156		07/27/04 0120	tds
	Copper, Solid*	17			0.94	1.0	1	mg/Kg	124156		07/27/04 0120	tds
	Lead, Solid*	20			0.45	0.52	1	mg/Kg	124156		07/27/04 0120	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 228707								Date:08/05/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA-SLOP-BUILDING 11				ATTN: David Brewer				
Customer Sample ID: 112SS120						Laboratory Sample ID: 228707-20						
Date Sampled.....: 07/21/2004						Date Received.....: 07/22/2004						
Time Sampled.....: 09:00						Time Received.....: 09:20						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, 3541 Solid*	ND	U		12	110	5.00000	ug/Kg	125017		08/03/04 1805	bjt
	Aroclor 1221, 3541 Solid*	ND	U		13	110	5.00000	ug/Kg	125017		08/03/04 1805	bjt
	Aroclor 1232, 3541 Solid*	ND	U		13	110	5.00000	ug/Kg	125017		08/03/04 1805	bjt
	Aroclor 1242, 3541 Solid*	ND	U		13	110	5.00000	ug/Kg	125017		08/03/04 1805	bjt
	Aroclor 1248, 3541 Solid*	ND	U		13	110	5.00000	ug/Kg	125017		08/03/04 1805	bjt
	Aroclor 1254, 3541 Solid*	ND	U		13	110	5.00000	ug/Kg	125017		08/03/04 1805	bjt
	Aroclor 1260, 3541 Solid*	ND	U		9.2	110	5.00000	ug/Kg	125017		08/03/04 1805	bjt
Method	% Solids Determination											
	% Solids, Solid	75.5			0.10	0.10	1	%	124132		07/26/04 1859	clb
	% Moisture, Solid	24.5			0.10	0.10	1	%	124132		07/26/04 1859	clb
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	1.6	B		1.1	2.5	1	mg/Kg	124156		07/27/04 0126	tds
	Arsenic, Solid*	7.0			0.63	1.2	1	mg/Kg	124156		07/27/04 0126	tds
	Copper, Solid*	15			1.1	1.2	1	mg/Kg	124156		07/27/04 0126	tds
	Lead, Solid*	19			0.53	0.62	1	mg/Kg	124156		07/27/04 0126	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 228707								Date:08/05/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA-SLOP-BUILDING 11				ATTN: David Brewer				
Customer Sample ID: 112SS121						Laboratory Sample ID: 228707-21						
Date Sampled.....: 07/21/2004						Date Received.....: 07/22/2004						
Time Sampled.....: 09:05						Time Received.....: 09:20						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, 3541 Solid*	ND		U	2.3	20	1.00000	ug/Kg	125017		08/03/04 1840	bjt
	Aroclor 1221, 3541 Solid*	ND		U	2.5	20	1.00000	ug/Kg	125017		08/03/04 1840	bjt
	Aroclor 1232, 3541 Solid*	ND		U	2.5	20	1.00000	ug/Kg	125017		08/03/04 1840	bjt
	Aroclor 1242, 3541 Solid*	ND		U	2.5	20	1.00000	ug/Kg	125017		08/03/04 1840	bjt
	Aroclor 1248, 3541 Solid*	ND		U	2.5	20	1.00000	ug/Kg	125017		08/03/04 1840	bjt
	Aroclor 1254, 3541 Solid*	ND		U	2.5	20	1.00000	ug/Kg	125017		08/03/04 1840	bjt
	Aroclor 1260, 3541 Solid*	ND		U	1.7	20	1.00000	ug/Kg	125017		08/03/04 1840	bjt
Method	% Solids Determination											
	% Solids, Solid	79.6			0.10	0.10	1	%	124133		07/26/04 1903	clb
	% Moisture, Solid	20.4			0.10	0.10	1	%	124133		07/26/04 1903	clb
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	1.8		B	1.0	2.3	1	mg/Kg	124043		07/23/04 1236	tds
	Arsenic, Solid*	5.0			0.59	1.1	1	mg/Kg	124043		07/23/04 1236	tds
	Copper, Solid*	9.4			1.0	1.1	1	mg/Kg	124043		07/23/04 1236	tds
	Lead, Solid*	9.0			0.49	0.57	1	mg/Kg	124043		07/23/04 1236	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 228707								Date:08/05/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA-SLOP-BUILDING 11				ATTN: David Brewer				
Customer Sample ID: 112SS122 Date Sampled.....: 07/21/2004 Time Sampled.....: 09:10 Sample Matrix.....: Soil						Laboratory Sample ID: 228707-22 Date Received.....: 07/22/2004 Time Received.....: 09:20						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, 3541 Solid*	ND	U		2.3	21	1.00000	ug/Kg	125017		08/03/04 1915	bjt
	Aroclor 1221, 3541 Solid*	ND	U		2.5	21	1.00000	ug/Kg	125017		08/03/04 1915	bjt
	Aroclor 1232, 3541 Solid*	ND	U		2.5	21	1.00000	ug/Kg	125017		08/03/04 1915	bjt
	Aroclor 1242, 3541 Solid*	ND	U		2.5	21	1.00000	ug/Kg	125017		08/03/04 1915	bjt
	Aroclor 1248, 3541 Solid*	ND	U		2.5	21	1.00000	ug/Kg	125017		08/03/04 1915	bjt
	Aroclor 1254, 3541 Solid*	ND	U		2.5	21	1.00000	ug/Kg	125017		08/03/04 1915	bjt
	Aroclor 1260, 3541 Solid*	7.4	J	a	1.7	21	1.00000	ug/Kg	125017		08/03/04 1915	bjt
Method	% Solids Determination											
	% Solids, Solid	78.8			0.10	0.10	1	%	124133		07/26/04 1906	clb
	% Moisture, Solid	21.2			0.10	0.10	1	%	124133		07/26/04 1906	clb
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	1.5	B		0.94	2.1	1	mg/Kg	124043		07/23/04 1242	tds
	Arsenic, Solid*	5.1			0.53	1.0	1	mg/Kg	124043		07/23/04 1242	tds
	Copper, Solid*	11			0.94	1.0	1	mg/Kg	124043		07/23/04 1242	tds
	Lead, Solid*	8.6			0.45	0.52	1	mg/Kg	124043		07/23/04 1242	tds

\* In Description = Dry Wgt.

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 08/05/2004

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 interference, 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

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 08/05/2004

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	Calibration 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

Q U A L I T Y   A S S U R A N C E   M E T H O D S

R E F E R E N C E S   A N D   N O T E S

Report Date: 08/05/2004

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 LABORATORIES  
ANALYTICAL REPORT

JOB NUMBER: 230049

Prepared For:

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

Project: GSA - SLOP - Building 112

Attention: David Brewer

Date: 09/23/2004

\_\_\_\_\_  
Signature

Name: Richard C. Wright

Title: Project Manager

E-Mail: rwright@stl-inc.com

\_\_\_\_\_  
Date

STL Chicago  
2417 Bond Street  
University Park, IL 60466

PHONE: (708) 534-5200

FAX..: (708) 534-5211

This Report Contains (\_\_\_\_\_) Pages

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S A M P L E I N F O R M A T I O N  
Date: 09/23/2004

Job Number.: 230049	Project Number.....: 20004527
Customer...: SCS Engineers, Inc.	Customer Project ID...: GSA - SLOP
Attn.....: David Brewer	Project Description....: GSA - SLOP - Building 112

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
230049-1	112SS201	Soil	09/08/2004	11:00	09/11/2004	11:30
230049-2	112SS202	Soil	09/08/2004	11:05	09/11/2004	11:30
230049-3	112SS203	Soil	09/08/2004	11:10	09/11/2004	11:30
230049-4	112SS204	Soil	09/08/2004	11:15	09/11/2004	11:30

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LABORATORY TEST RESULTS												
Job Number: 230049								Date:09/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112SS201 Date Sampled.....: 09/08/2004 Time Sampled.....: 11:00 Sample Matrix.....: Soil						Laboratory Sample ID: 230049-1 Date Received.....: 09/11/2004 Time Received.....: 11:30						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	83.8			0.10	0.10	1	%	128574		09/13/04 1307	daj
	% Moisture, Solid	16.2			0.10	0.10	1	%	128574		09/13/04 1307	daj
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	2.3	U		1.0	2.3	1	mg/Kg	128773		09/15/04 1150	tds
	Arsenic, Solid*	4.5			0.58	1.1	1	mg/Kg	128773		09/15/04 1150	tds
	Lead, Solid*	11			0.49	0.57	1	mg/Kg	128773		09/15/04 1150	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 230049								Date:09/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112SS202 Date Sampled.....: 09/08/2004 Time Sampled.....: 11:05 Sample Matrix.....: Soil						Laboratory Sample ID: 230049-2 Date Received.....: 09/11/2004 Time Received.....: 11:30						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	79.2			0.10	0.10	1	%	128574		09/13/04 1310	daj
	% Moisture, Solid	20.8			0.10	0.10	1	%	128574		09/13/04 1310	daj
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	2.3	U		1.0	2.3	1	mg/Kg	128773		09/15/04 1221	tds
	Arsenic, Solid*	2.8			0.59	1.2	1	mg/Kg	128773		09/15/04 1221	tds
	Lead, Solid*	150			0.50	0.58	1	mg/Kg	128773		09/15/04 1221	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 230049								Date:09/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112SS203 Date Sampled.....: 09/08/2004 Time Sampled.....: 11:10 Sample Matrix.....: Soil						Laboratory Sample ID: 230049-3 Date Received.....: 09/11/2004 Time Received.....: 11:30						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	79.5			0.10	0.10	1	%	128574		09/13/04 1312	daj
	% Moisture, Solid	20.5			0.10	0.10	1	%	128574		09/13/04 1312	daj
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	2.4	U		1.1	2.4	1	mg/Kg	128773		09/15/04 1227	tds
	Arsenic, Solid*	3.1			0.62	1.2	1	mg/Kg	128773		09/15/04 1227	tds
	Lead, Solid*	27			0.53	0.61	1	mg/Kg	128773		09/15/04 1227	tds

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 230049								Date:09/23/2004				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112SS204 Date Sampled.....: 09/08/2004 Time Sampled.....: 11:15 Sample Matrix.....: Soil						Laboratory Sample ID: 230049-4 Date Received.....: 09/11/2004 Time Received.....: 11:30						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	81.6			0.10	0.10	1	%	128574		09/13/04 1315	daj
	% Moisture, Solid	18.4			0.10	0.10	1	%	128574		09/13/04 1315	daj
6010B	Metals Analysis (ICAP Trace)											
	Antimony, Solid*	2.3	U		1.0	2.3	1	mg/Kg	128773		09/15/04 1233	tds
	Arsenic, Solid*	3.7			0.59	1.2	1	mg/Kg	128773		09/15/04 1233	tds
	Lead, Solid*	62			0.50	0.58	1	mg/Kg	128773		09/15/04 1233	tds

\* In Description = Dry Wgt.

L A B O R A T O R Y C H R O N I C L E

Job Number: 230049

Date: 09/23/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Lab ID	Client ID	Date Recvd	Sample Date				
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Lab ID: 230049-1	Client ID: 112SS201	Date Recvd: 09/11/2004	Sample Date: 09/08/2004				
Method	% Solids Determination	1	128574	128574		09/13/2004 1307	
3050B	Acid Digestion: Solids (ICAP)	1	128554			09/13/2004 1145	
6010B	Metals Analysis (ICAP Trace)	1	128773	128554		09/15/2004 1150	
Lab ID: 230049-2	Client ID: 112SS202	Date Recvd: 09/11/2004	Sample Date: 09/08/2004				
Method	% Solids Determination	1	128574	128574		09/13/2004 1310	
3050B	Acid Digestion: Solids (ICAP)	1	128554			09/13/2004 1145	
EDD	Electronic Data Deliverable	1					
6010B	Metals Analysis (ICAP Trace)	1	128773	128554		09/15/2004 1221	
Lab ID: 230049-3	Client ID: 112SS203	Date Recvd: 09/11/2004	Sample Date: 09/08/2004				
Method	% Solids Determination	1	128574	128574		09/13/2004 1312	
3050B	Acid Digestion: Solids (ICAP)	1	128554			09/13/2004 1145	
6010B	Metals Analysis (ICAP Trace)	1	128773	128554		09/15/2004 1227	
Lab ID: 230049-4	Client ID: 112SS204	Date Recvd: 09/11/2004	Sample Date: 09/08/2004				
Method	% Solids Determination	1	128574	128574		09/13/2004 1315	
3050B	Acid Digestion: Solids (ICAP)	1	128554			09/13/2004 1145	
6010B	Metals Analysis (ICAP Trace)	1	128773	128554		09/15/2004 1233	

Q U A L I T Y   A S S U R A N C E   M E T H O D S

R E F E R E N C E S   A N D   N O T E S

Report Date: 09/23/2004

REPORT COMMENTS

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- 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 interference, 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



QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 09/23/2004

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	Calibration 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

Q U A L I T Y   A S S U R A N C E   M E T H O D S

R E F E R E N C E S   A N D   N O T E S

Report Date: 09/23/2004

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 LABORATORIES  
ANALYTICAL REPORT

JOB NUMBER: 233070

Prepared For:

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

Project: GSA - SLOP - Building 112

Attention: David Brewer

Date: 01/12/2005

\_\_\_\_\_  
Signature

Name: Richard C. Wright

Title: Project Manager

E-Mail: rwright@stl-inc.com

\_\_\_\_\_  
Date

STL Chicago  
2417 Bond Street  
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This Report Contains (\_\_\_\_\_) Pages

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S A M P L E I N F O R M A T I O N  
Date: 01/12/2005

Job Number.: 233070 Project Number.....: 20004527  
Customer...: SCS Engineers, Inc. Customer Project ID...: GSA - SLOP  
Attn.....: David Brewer Project Description....: GSA - SLOP - Building 112

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
233070-1	112SS301	Soil	12/28/2004	14:30	12/29/2004	09:10
233070-2	112SS302	Soil	12/28/2004	14:40	12/29/2004	09:10
233070-3	112SS303	Soil	12/28/2004	14:50	12/29/2004	09:10
233070-4	112SS304	Soil	12/28/2004	15:10	12/29/2004	09:10

LABORATORY TEST RESULTS												
Job Number: 233070								Date: 01/12/2005				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112SS301 Date Sampled.....: 12/28/2004 Time Sampled.....: 14:30 Sample Matrix.....: Soil						Laboratory Sample ID: 233070-1 Date Received.....: 12/29/2004 Time Received.....: 09:10						
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		1.9	200	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Bis(2-chloroethyl)ether, Low Level Soil*	ND	U		2.4	81	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	1,3-Dichlorobenzene, Low Level Soil*	ND	U		96	200	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	1,4-Dichlorobenzene, Low Level Soil*	ND	U		86	200	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	1,2-Dichlorobenzene, Low Level Soil*	ND	U		96	200	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Benzyl alcohol, Low Level Soil*	ND	U		110	810	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	2-Methylphenol (o-cresol), Low Level Soil*	ND	U		10	81	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	2,2-oxybis (1-chloropropane), Low Level Soil*	ND	U		91	200	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	n-Nitroso-di-n-propylamine, Low Level Soil*	ND	U		2.8	40	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Hexachloroethane, Low Level Soil*	ND	U		4.0	200	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	4-Methylphenol (m/p-cresol), Low Level Soil*	ND	U		7.0	81	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	2-Chlorophenol, Low Level Soil*	ND	U		72	200	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Nitrobenzene, Low Level Soil*	ND	U		3.0	40	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Bis(2-chloroethoxy)methane, Low Level Soil*	ND	U		3.5	81	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	1,2,4-Trichlorobenzene, Low Level Soil*	ND	U		72	200	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Benzoic acid, Low Level Soil*	ND	U		120	810	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Isophorone, Low Level Soil*	ND	U		2.9	200	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	2,4-Dimethylphenol, Low Level Soil*	ND	U		73	400	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Hexachlorobutadiene, Low Level Soil*	ND	U		4.0	200	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Naphthalene, Low Level Soil*	ND	U		2.1	40	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	2,4-Dichlorophenol, Low Level Soil*	ND	U		58	400	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	4-Chloroaniline, Low Level Soil*	ND	U		120	810	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	2,4,6-Trichlorophenol, Low Level Soil*	ND	U		57	200	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	2,4,5-Trichlorophenol, Low Level Soil*	ND	U		46	400	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Hexachlorocyclopentadiene, Low Level Soil*	ND	U		65	810	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	2-Methylnaphthalene, Low Level Soil*	ND	U		1.8	40	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	2-Nitroaniline, Low Level Soil*	ND	U		41	200	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	2-Chloronaphthalene, Low Level Soil*	ND	U		58	200	1.00000	ug/Kg	139254		01/04/05 2212	dpk

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233070								Date: 01/12/2005				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112SS301						Laboratory Sample ID: 233070-1						
Date Sampled.....: 12/28/2004						Date Received.....: 12/29/2004						
Time Sampled.....: 14:30						Time Received.....: 09:10						
Sample Matrix.....: Soil												
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	46	400	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	2,6-Dinitrotoluene, Low Level Soil*	ND		U	2.7	40	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	2-Nitrophenol, Low Level Soil*	ND		U	76	400	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	3-Nitroaniline, Low Level Soil*	ND		U	130	810	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Dimethyl phthalate, Low Level Soil*	ND		U	4.4	81	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	2,4-Dinitrophenol, Low Level Soil*	ND		U	140	810	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Acenaphthylene, Low Level Soil*	ND		U	1.1	40	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	2,4-Dinitrotoluene, Low Level Soil*	ND		U	2.1	40	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Acenaphthene, Low Level Soil*	ND		U	1.7	40	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Dibenzofuran, Low Level Soil*	ND		U	3.3	81	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	4-Nitrophenol, Low Level Soil*	ND		U	99	810	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Fluorene, Low Level Soil*	ND		U	1.9	40	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	4-Nitroaniline, Low Level Soil*	ND		U	47	810	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	4-Bromophenyl phenyl ether, Low Level Soi*	ND		U	3.8	200	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Hexachlorobenzene, Low Level Soil*	ND		U	2.2	40	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Diethyl phthalate, Low Level Soil*	ND		U	4.5	81	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	4-Chlorophenyl phenyl ether, Low Level So*1	ND		U	4.4	200	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Pentachlorophenol, Low Level Soil*	ND		U	120	400	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	n-Nitrosodiphenylamine, Low Level Soil*	ND		U	3.5	40	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	4,6-Dinitro-2-methylphenol, Low Level Soi*	ND		U	120	810	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Phenanthrene, Low Level Soil*	41		U	1.2	40	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Anthracene, Low Level Soil*	9.7		J	1.0	40	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Carbazole, Low Level Soil*	ND		U	42	200	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Di-n-butyl phthalate, Low Level Soil*	ND		U	24	200	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Benzidine, Low Level Soil*	ND		U	800	4000	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Fluoranthene, Low Level Soil*	130		U	1.3	40	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Pyrene, Low Level Soil*	110		U	2.4	40	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Butyl benzyl phthalate, Low Level Soil*	ND		U	5.0	81	1.00000	ug/Kg	139254		01/04/05 2212	dpk
	Benzo(a)anthracene, Low Level Soil*	71		U	1.3	40	1.00000	ug/Kg	139254		01/04/05 2212	dpk

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233070								Date:01/12/2005				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112SS301						Laboratory Sample ID: 233070-1						
Date Sampled.....: 12/28/2004						Date Received.....: 12/29/2004						
Time Sampled.....: 14:30						Time Received.....: 09:10						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Chrysene, Low Level Soil*	86			2.2	40	1.00000	ug/Kg	139254		01/04/05 2212	djk
	3,3-Dichlorobenzidine, Low Level Soil*	ND	U		22	200	1.00000	ug/Kg	139254		01/04/05 2212	djk
	Bis(2-ethylhexyl)phthalate, Low Level Soi*	44	J		12	200	1.00000	ug/Kg	139254		01/04/05 2212	djk
	Di-n-octyl phthalate, Low Level Soil*	ND	U		11	400	1.00000	ug/Kg	139254		01/04/05 2212	djk
	Benzo(b)fluoranthene, Low Level Soil*	100		H	2.5	40	1.00000	ug/Kg	139254		01/04/05 2212	djk
	Benzo(k)fluoranthene, Low Level Soil*	46		M	3.4	40	1.00000	ug/Kg	139254		01/04/05 2212	djk
	Benzo(a)pyrene, Low Level Soil*	72			2.7	40	1.00000	ug/Kg	139254		01/04/05 2212	djk
	Indeno(1,2,3-cd)pyrene, Low Level Soil*	55			2.5	40	1.00000	ug/Kg	139254		01/04/05 2212	djk
	Dibenzo(a,h)anthracene, Low Level Soil*	13	J		2.7	40	1.00000	ug/Kg	139254		01/04/05 2212	djk
	Benzo(ghi)perylene, Low Level Soil*	54			2.3	40	1.00000	ug/Kg	139254		01/04/05 2212	djk
Method	% Solids Determination											
	% Solids, Solid	80.8			0.10	0.10	1	%	138627		01/03/05 1236	daj
	% Moisture, Solid	19.2			0.10	0.10	1	%	138627		01/03/05 1236	daj

\* In Description = Dry Wgt.

LABORATORY TEST RESULTS												
Job Number: 233070								Date:01/12/2005				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112SS302						Laboratory Sample ID: 233070-2						
Date Sampled.....: 12/28/2004						Date Received.....: 12/29/2004						
Time Sampled.....: 14:40						Time Received.....: 09:10						
Sample Matrix.....: Soil												
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	1.9	200	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Bis(2-chloroethyl)ether, Low Level Soil*	ND		U	2.4	81	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	1,3-Dichlorobenzene, Low Level Soil*	ND		U	96	200	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	1,4-Dichlorobenzene, Low Level Soil*	ND		U	86	200	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	1,2-Dichlorobenzene, Low Level Soil*	ND		U	96	200	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Benzyl alcohol, Low Level Soil*	ND		U	110	810	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	2-Methylphenol (o-cresol), Low Level Soil*	ND		U	10	81	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	2,2-oxybis (1-chloropropane), Low Level Soil*	ND		U	91	200	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	n-Nitroso-di-n-propylamine, Low Level Soil*	ND		U	2.8	40	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Hexachloroethane, Low Level Soil*	ND		U	4.0	200	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	4-Methylphenol (m/p-cresol), Low Level Soil*	ND		U	7.0	81	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	2-Chlorophenol, Low Level Soil*	ND		U	72	200	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Nitrobenzene, Low Level Soil*	ND		U	3.0	40	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Bis(2-chloroethoxy)methane, Low Level Soil*	ND		U	3.5	81	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	1,2,4-Trichlorobenzene, Low Level Soil*	ND		U	72	200	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Benzoic acid, Low Level Soil*	ND		U	120	810	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Isophorone, Low Level Soil*	ND		U	2.9	200	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	2,4-Dimethylphenol, Low Level Soil*	ND		U	73	400	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Hexachlorobutadiene, Low Level Soil*	ND		U	4.0	200	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Naphthalene, Low Level Soil*	ND		U	2.1	40	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	2,4-Dichlorophenol, Low Level Soil*	ND		U	58	400	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	4-Chloroaniline, Low Level Soil*	ND		U	120	810	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	2,4,6-Trichlorophenol, Low Level Soil*	ND		U	57	200	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	2,4,5-Trichlorophenol, Low Level Soil*	ND		U	46	400	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Hexachlorocyclopentadiene, Low Level Soil*	ND		U	65	810	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	2-Methylnaphthalene, Low Level Soil*	ND		U	1.8	40	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	2-Nitroaniline, Low Level Soil*	ND		U	41	200	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	2-Chloronaphthalene, Low Level Soil*	ND		U	58	200	1.00000	ug/Kg	139254		01/04/05 2239	dpk

\* In Description = Dry Wgt.



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LABORATORY TEST RESULTS												
Job Number: 233070								Date: 01/12/2005				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112SS302				Laboratory Sample ID: 233070-2								
Date Sampled.....: 12/28/2004				Date Received.....: 12/29/2004								
Time Sampled.....: 14:40				Time Received.....: 09:10								
Sample Matrix.....: Soil												
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		46	400	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	2,6-Dinitrotoluene, Low Level Soil*	ND	U		2.7	40	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	2-Nitrophenol, Low Level Soil*	ND	U		76	400	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	3-Nitroaniline, Low Level Soil*	ND	U		130	810	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Dimethyl phthalate, Low Level Soil*	ND	U		4.4	81	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	2,4-Dinitrophenol, Low Level Soil*	ND	U		140	810	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Acenaphthylene, Low Level Soil*	ND	U		1.1	40	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	2,4-Dinitrotoluene, Low Level Soil*	ND	U		2.1	40	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Acenaphthene, Low Level Soil*	ND	U		1.7	40	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Dibenzofuran, Low Level Soil*	ND	U		3.3	81	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	4-Nitrophenol, Low Level Soil*	ND	U		99	810	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Fluorene, Low Level Soil*	ND	U		1.9	40	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	4-Nitroaniline, Low Level Soil*	ND	U		47	810	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	4-Bromophenyl phenyl ether, Low Level Soi*	ND	U		3.8	200	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Hexachlorobenzene, Low Level Soil*	ND	U		2.2	40	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Diethyl phthalate, Low Level Soil*	ND	U		4.5	81	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	4-Chlorophenyl phenyl ether, Low Level So*1	ND	U		4.4	200	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Pentachlorophenol, Low Level Soil*	ND	U		120	400	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	n-Nitrosodiphenylamine, Low Level Soil*	ND	U		3.5	40	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	4,6-Dinitro-2-methylphenol, Low Level Soi*	ND	U		120	810	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Phenanthrene, Low Level Soil*	ND	U		1.2	40	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Anthracene, Low Level Soil*	ND	U		1.0	40	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Carbazole, Low Level Soil*	ND	U		42	200	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Di-n-butyl phthalate, Low Level Soil*	ND	U		24	200	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Benzidine, Low Level Soil*	ND	U	*	800	4000	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Fluoranthene, Low Level Soil*	ND	U		1.3	40	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Pyrene, Low Level Soil*	ND	U		2.4	40	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Butyl benzyl phthalate, Low Level Soil*	ND	U		5.0	81	1.00000	ug/Kg	139254		01/04/05 2239	dpk
	Benzo(a)anthracene, Low Level Soil*	ND	U		1.3	40	1.00000	ug/Kg	139254		01/04/05 2239	dpk

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233070								Date:01/12/2005				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112SS302						Laboratory Sample ID: 233070-2						
Date Sampled.....: 12/28/2004						Date Received.....: 12/29/2004						
Time Sampled.....: 14:40						Time Received.....: 09:10						
Sample Matrix.....: Soil												
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	40	1.00000	ug/Kg	139254		01/04/05 2239	djk
	3,3-Dichlorobenzidine, Low Level Soil*	ND		U	22	200	1.00000	ug/Kg	139254		01/04/05 2239	djk
	Bis(2-ethylhexyl)phthalate, Low Level Soi*	ND		U	12	200	1.00000	ug/Kg	139254		01/04/05 2239	djk
	Di-n-octyl phthalate, Low Level Soil*	ND		U	11	400	1.00000	ug/Kg	139254		01/04/05 2239	djk
	Benzo(b)fluoranthene, Low Level Soil*	ND		U	2.5	40	1.00000	ug/Kg	139254		01/04/05 2239	djk
	Benzo(k)fluoranthene, Low Level Soil*	ND		U	3.4	40	1.00000	ug/Kg	139254		01/04/05 2239	djk
	Benzo(a)pyrene, Low Level Soil*	ND		U	2.7	40	1.00000	ug/Kg	139254		01/04/05 2239	djk
	Indeno(1,2,3-cd)pyrene, Low Level Soil*	ND		U	2.5	40	1.00000	ug/Kg	139254		01/04/05 2239	djk
	Dibenzo(a,h)anthracene, Low Level Soil*	ND		U	2.7	40	1.00000	ug/Kg	139254		01/04/05 2239	djk
	Benzo(ghi)perylene, Low Level Soil*	ND		U	2.3	40	1.00000	ug/Kg	139254		01/04/05 2239	djk
Method	% Solids Determination											
	% Solids, Solid	80.7			0.10	0.10	1	%	138627		01/03/05 1240	daj
	% Moisture, Solid	19.3			0.10	0.10	1	%	138627		01/03/05 1240	daj

\* In Description = Dry Wgt.

LABORATORY TEST RESULTS												
Job Number: 233070								Date: 01/12/2005				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112SS303 Date Sampled.....: 12/28/2004 Time Sampled.....: 14:50 Sample Matrix.....: Soil						Laboratory Sample ID: 233070-3 Date Received.....: 12/29/2004 Time Received.....: 09:10						
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		1.9	200	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Bis(2-chloroethyl)ether, Low Level Soil*	ND	U		2.4	81	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	1,3-Dichlorobenzene, Low Level Soil*	ND	U		95	200	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	1,4-Dichlorobenzene, Low Level Soil*	ND	U		85	200	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	1,2-Dichlorobenzene, Low Level Soil*	ND	U		95	200	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Benzyl alcohol, Low Level Soil*	ND	U		110	810	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	2-Methylphenol (o-cresol), Low Level Soil*	ND	U		10	81	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	2,2-oxybis (1-chloropropane), Low Level Soil*	ND	U		90	200	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	n-Nitroso-di-n-propylamine, Low Level Soil*	ND	U		2.8	40	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Hexachloroethane, Low Level Soil*	ND	U		4.0	200	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	4-Methylphenol (m/p-cresol), Low Level Soil*	ND	U		7.0	81	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	2-Chlorophenol, Low Level Soil*	ND	U		71	200	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Nitrobenzene, Low Level Soil*	ND	U		3.0	40	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Bis(2-chloroethoxy)methane, Low Level Soil*	ND	U		3.5	81	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	1,2,4-Trichlorobenzene, Low Level Soil*	ND	U		71	200	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Benzoic acid, Low Level Soil*	ND	U		120	810	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Isophorone, Low Level Soil*	ND	U		2.9	200	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	2,4-Dimethylphenol, Low Level Soil*	ND	U		72	400	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Hexachlorobutadiene, Low Level Soil*	ND	U		4.0	200	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Naphthalene, Low Level Soil*	ND	U		2.0	40	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	2,4-Dichlorophenol, Low Level Soil*	ND	U		58	400	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	4-Chloroaniline, Low Level Soil*	ND	U		120	810	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	2,4,6-Trichlorophenol, Low Level Soil*	ND	U		57	200	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	2,4,5-Trichlorophenol, Low Level Soil*	ND	U		46	400	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Hexachlorocyclopentadiene, Low Level Soil*	ND	U		65	810	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	2-Methylnaphthalene, Low Level Soil*	ND	U		1.8	40	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	2-Nitroaniline, Low Level Soil*	ND	U		41	200	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	2-Chloronaphthalene, Low Level Soil*	ND	U		58	200	1.00000	ug/Kg	139257		01/11/05 2225	dpk

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233070								Date: 01/12/2005				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112SS303						Laboratory Sample ID: 233070-3						
Date Sampled.....: 12/28/2004						Date Received.....: 12/29/2004						
Time Sampled.....: 14:50						Time Received.....: 09:10						
Sample Matrix.....: Soil												
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	46	400	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	2,6-Dinitrotoluene, Low Level Soil*	ND		U	2.6	40	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	2-Nitrophenol, Low Level Soil*	ND		U	76	400	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	3-Nitroaniline, Low Level Soil*	ND		U	130	810	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Dimethyl phthalate, Low Level Soil*	ND		U	4.3	81	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	2,4-Dinitrophenol, Low Level Soil*	ND		U	140	810	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Acenaphthylene, Low Level Soil*	ND		U	1.1	40	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	2,4-Dinitrotoluene, Low Level Soil*	ND		U	2.0	40	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Acenaphthene, Low Level Soil*	ND		U	1.7	40	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Dibenzofuran, Low Level Soil*	ND		U	3.3	81	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	4-Nitrophenol, Low Level Soil*	ND		U	99	810	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Fluorene, Low Level Soil*	ND		U	1.9	40	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	4-Nitroaniline, Low Level Soil*	ND		U	47	810	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	4-Bromophenyl phenyl ether, Low Level Soi*	ND		U	3.7	200	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Hexachlorobenzene, Low Level Soil*	ND		U	2.2	40	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Diethyl phthalate, Low Level Soil*	ND		U	4.5	81	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	4-Chlorophenyl phenyl ether, Low Level So*1	ND		U	4.3	200	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Pentachlorophenol, Low Level Soil*	ND		U	120	400	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	n-Nitrosodiphenylamine, Low Level Soil*	ND		U	3.5	40	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	4,6-Dinitro-2-methylphenol, Low Level Soi*	ND		U	*	110	810	1.00000	ug/Kg	139257	01/11/05 2225	dpk
	Phenanthrene, Low Level Soil*	83		U	1.2	40	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Anthracene, Low Level Soil*	14		J	1.0	40	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Carbazole, Low Level Soil*	ND		U	42	200	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Di-n-butyl phthalate, Low Level Soil*	ND		U	24	200	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Benzidine, Low Level Soil*	ND		U	*	790	4000	1.00000	ug/Kg	139257	01/11/05 2225	dpk
	Fluoranthene, Low Level Soil*	280		U	1.3	40	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Pyrene, Low Level Soil*	230		U	2.4	40	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Butyl benzyl phthalate, Low Level Soil*	ND		U	4.9	81	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Benzo(a)anthracene, Low Level Soil*	130		U	1.3	40	1.00000	ug/Kg	139257		01/11/05 2225	dpk

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233070								Date:01/12/2005				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112SS303						Laboratory Sample ID: 233070-3						
Date Sampled.....: 12/28/2004						Date Received.....: 12/29/2004						
Time Sampled.....: 14:50						Time Received.....: 09:10						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Chrysene, Low Level Soil*	150			2.2	40	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	3,3-Dichlorobenzidine, Low Level Soil*	ND	U		22	200	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Soi*	ND	U		11	200	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Di-n-octyl phthalate, Low Level Soil*	ND	U		10	400	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Benzo(b)fluoranthene, Low Level Soil*	210		H	2.5	40	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Benzo(k)fluoranthene, Low Level Soil*	81			3.4	40	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Benzo(a)pyrene, Low Level Soil*	130			2.6	40	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Soil*	82			2.5	40	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Dibenzo(a,h)anthracene, Low Level Soil*	24	J	H	2.6	40	1.00000	ug/Kg	139257		01/11/05 2225	dpk
	Benzo(ghi)perylene, Low Level Soil*	82			2.3	40	1.00000	ug/Kg	139257		01/11/05 2225	dpk
Method	% Solids Determination											
	% Solids, Solid	82.8			0.10	0.10	1	%	138627		01/03/05 1242	daj
	% Moisture, Solid	17.2			0.10	0.10	1	%	138627		01/03/05 1242	daj

\* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 233070

Date: 01/12/2005

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: 112SS304  
 Date Sampled.....: 12/28/2004  
 Time Sampled.....: 15:10  
 Sample Matrix.....: Soil

Laboratory Sample ID: 233070-4  
 Date Received.....: 12/29/2004  
 Time Received.....: 09:10

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	139254		01/05/05 1844	dpk
	Bis(2-chloroethyl)ether, Low Level Soil*	ND		U	2.5	84	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	1,3-Dichlorobenzene, Low Level Soil*	ND		U	99	210	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	1,4-Dichlorobenzene, Low Level Soil*	ND		U	89	210	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	1,2-Dichlorobenzene, Low Level Soil*	ND		U	99	210	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Benzyl alcohol, Low Level Soil*	ND		U	120	840	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	2-Methylphenol (o-cresol), Low Level Soil*	ND		U	11	84	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	2,2-oxybis (1-chloropropane), Low Level Soil*	ND		U	94	210	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	n-Nitroso-di-n-propylamine, Low Level Soil*	ND		U	2.9	41	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Hexachloroethane, Low Level Soil*	ND		U	4.1	210	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	4-Methylphenol (m/p-cresol), Low Level Soil*	ND		U	7.3	84	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	2-Chlorophenol, Low Level Soil*	ND		U	74	210	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Nitrobenzene, Low Level Soil*	ND		U	3.1	41	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Bis(2-chloroethoxy)methane, Low Level Soil*	ND		U	3.6	84	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	1,2,4-Trichlorobenzene, Low Level Soil*	ND		U	74	210	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Benzoic acid, Low Level Soil*	ND		U	120	840	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Isophorone, Low Level Soil*	ND		U	3.0	210	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	2,4-Dimethylphenol, Low Level Soil*	ND		U	75	410	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Hexachlorobutadiene, Low Level Soil*	ND		U	4.1	210	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Naphthalene, Low Level Soil*	ND		U	2.1	41	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	2,4-Dichlorophenol, Low Level Soil*	ND		U	60	410	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	4-Chloroaniline, Low Level Soil*	ND		U	130	840	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	2,4,6-Trichlorophenol, Low Level Soil*	ND		U	59	210	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	2,4,5-Trichlorophenol, Low Level Soil*	ND		U	48	410	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Hexachlorocyclopentadiene, Low Level Soil*	ND		U	68	840	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	2-Methylnaphthalene, Low Level Soil*	ND		U	1.9	41	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	2-Nitroaniline, Low Level Soil*	ND		U	43	210	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	2-Chloronaphthalene, Low Level Soil*	ND		U	60	210	1.00000	ug/Kg	139254		01/05/05 1844	dpk

\* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 233070

Date: 01/12/2005

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: 112SS304  
 Date Sampled.....: 12/28/2004  
 Time Sampled.....: 15:10  
 Sample Matrix.....: Soil

Laboratory Sample ID: 233070-4  
 Date Received.....: 12/29/2004  
 Time Received.....: 09:10

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	410	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	2,6-Dinitrotoluene, Low Level Soil*	ND		U	2.8	41	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	2-Nitrophenol, Low Level Soil*	ND		U	79	410	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	3-Nitroaniline, Low Level Soil*	ND		U	140	840	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Dimethyl phthalate, Low Level Soil*	ND		U	4.5	84	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	2,4-Dinitrophenol, Low Level Soil*	ND		U	140	840	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Acenaphthylene, Low Level Soil*	5.4		J	1.1	41	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	2,4-Dinitrotoluene, Low Level Soil*	ND		U	2.1	41	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Acenaphthene, Low Level Soil*	17		J	1.8	41	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Dibenzofuran, Low Level Soil*	6.4		J	3.4	84	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	4-Nitrophenol, Low Level Soil*	ND		U	100	840	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Fluorene, Low Level Soil*	13		J	2.0	41	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	4-Nitroaniline, Low Level Soil*	ND		U	49	840	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	4-Bromophenyl phenyl ether, Low Level Soi*	ND		U	3.9	210	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Hexachlorobenzene, Low Level Soil*	ND		U	2.3	41	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Diethyl phthalate, Low Level Soil*	ND		U	4.6	84	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	4-Chlorophenyl phenyl ether, Low Level So*1	ND		U	4.5	210	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Pentachlorophenol, Low Level Soil*	ND		U	130	410	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	n-Nitrosodiphenylamine, Low Level Soil*	ND		U	3.6	41	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	4,6-Dinitro-2-methylphenol, Low Level Soi*	ND		U	120	840	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Phenanthrene, Low Level Soil*	270			1.3	41	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Anthracene, Low Level Soil*	55			1.1	41	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Carbazole, Low Level Soil*	48		J	44	210	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Di-n-butyl phthalate, Low Level Soil*	ND		U	25	210	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Benzidine, Low Level Soil*	ND		U	820	4100	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Fluoranthene, Low Level Soil*	740			1.4	41	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Pyrene, Low Level Soil*	640			2.5	41	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Butyl benzyl phthalate, Low Level Soil*	ND		U	5.1	84	1.00000	ug/Kg	139254		01/05/05 1844	dpk
	Benzo(a)anthracene, Low Level Soil*	420			1.4	41	1.00000	ug/Kg	139254		01/05/05 1844	dpk

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS												
Job Number: 233070								Date:01/12/2005				
CUSTOMER: SCS Engineers, Inc.				PROJECT: GSA - SLOP				ATTN: David Brewer				
Customer Sample ID: 112SS304						Laboratory Sample ID: 233070-4						
Date Sampled.....: 12/28/2004						Date Received.....: 12/29/2004						
Time Sampled.....: 15:10						Time Received.....: 09:10						
Sample Matrix.....: Soil												
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Chrysene, Low Level Soil*	470			2.3	41	1.00000	ug/Kg	139254		01/05/05 1844	djk
	3,3-Dichlorobenzidine, Low Level Soil*	ND	U		23	210	1.00000	ug/Kg	139254		01/05/05 1844	djk
	Bis(2-ethylhexyl)phthalate, Low Level Soi*	ND	U		12	210	1.00000	ug/Kg	139254		01/05/05 1844	djk
	Di-n-octyl phthalate, Low Level Soil*	ND	U		11	410	1.00000	ug/Kg	139254		01/05/05 1844	djk
	Benzo(b)fluoranthene, Low Level Soil*	670			2.6	41	1.00000	ug/Kg	139254		01/05/05 1844	djk
	Benzo(k)fluoranthene, Low Level Soil*	290			3.5	41	1.00000	ug/Kg	139254		01/05/05 1844	djk
	Benzo(a)pyrene, Low Level Soil*	460			2.8	41	1.00000	ug/Kg	139254		01/05/05 1844	djk
	Indeno(1,2,3-cd)pyrene, Low Level Soil*	470			2.6	41	1.00000	ug/Kg	139254		01/05/05 1844	djk
	Dibenzo(a,h)anthracene, Low Level Soil*	110			2.8	41	1.00000	ug/Kg	139254		01/05/05 1844	djk
	Benzo(ghi)perylene, Low Level Soil*	650			2.4	41	1.00000	ug/Kg	139254		01/05/05 1844	djk
Method	% Solids Determination											
	% Solids, Solid	79.6			0.10	0.10	1	%	138627		01/03/05 1244	daj
	% Moisture, Solid	20.4			0.10	0.10	1	%	138627		01/03/05 1244	daj

\* In Description = Dry Wgt.



L A B O R A T O R Y C H R O N I C L E

Job Number: 233070

Date: 01/12/2005

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Lab ID: 233070-1	Client ID: 112SS301	Date Recvd: 12/29/2004	Sample Date: 12/28/2004				
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	138627	138627		01/03/2005 1236	
EDD	Electronic Data Deliverable	1					
3550B	Extraction Ultrasonic (SVOC)	1	138605			01/03/2005 0800	
8270C	Semivolatile Organics	1	139254	138605		01/04/2005 2212	1.00000
Lab ID: 233070-2	Client ID: 112SS302	Date Recvd: 12/29/2004	Sample Date: 12/28/2004				
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	138627	138627		01/03/2005 1240	
3550B	Extraction Ultrasonic (SVOC)	1	138605			01/03/2005 0800	
8270C	Semivolatile Organics	1	139254	138605		01/04/2005 2239	1.00000
Lab ID: 233070-3	Client ID: 112SS303	Date Recvd: 12/29/2004	Sample Date: 12/28/2004				
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	138627	138627		01/03/2005 1242	
3550B	Extraction Ultrasonic (SVOC)	1	138841			01/06/2005 0900	
8270C	Semivolatile Organics	1	139257	138841		01/11/2005 2225	1.00000
Lab ID: 233070-4	Client ID: 112SS304	Date Recvd: 12/29/2004	Sample Date: 12/28/2004				
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	138627	138627		01/03/2005 1244	
3550B	Extraction Ultrasonic (SVOC)	1	138605			01/03/2005 0800	
8270C	Semivolatile Organics	1	139254	138605		01/05/2005 1844	1.00000

Q U A L I T Y   A S S U R A N C E   M E T H O D S

R E F E R E N C E S   A N D   N O T E S

Report Date: 01/12/2005

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.
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- 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 interference, 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

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 01/12/2005

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	Calibration 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

Q U A L I T Y   A S S U R A N C E   M E T H O D S

R E F E R E N C E S   A N D   N O T E S

Report Date: 01/12/2005

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.



STL

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SEVERN TRENT LABORATORIES  
ANALYTICAL REPORT

JOB NUMBER: 248531

Prepared For:

SCS Engineers, Inc.  
10975 El Monte  
Suite 100  
Overland Park, KS 66211

Project: GSA - SLOP

Attention: David Brewer

Date: 09/21/2006

(b) (6)

Signature

9/21/06

Date

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2417 Bond Street  
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This Report Contains (633) Pages

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**GSA - SLOP**  
**JOB# 248531**

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**ICP Raw Data .....NA**

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S A M P L E I N F O R M A T I O N  
Date: 09/19/2006

Job Number.: 248531  
Customer...: SCS Engineers, Inc.  
Attn.....: David Brewer

Project Number.....: 20006654  
Customer Project ID....: GSA - SLOP  
Project Description....: GSA - SLOP

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
248531-1	SB1015-3	Soil	09/05/2006	07:30	09/07/2006	10:00
248531-2	SB1025-5	Soil	09/05/2006	07:55	09/07/2006	10:00
248531-3	SB1035-4	Soil	09/05/2006	08:15	09/07/2006	10:00
248531-4	SB1045-2	Soil	09/05/2006	08:30	09/07/2006	10:00
248531-5	SB1055-3	Soil	09/05/2006	09:15	09/07/2006	10:00
248531-6	SB1095-5	Soil	09/05/2006	12:00	09/07/2006	10:00
248531-7	SB1095-10	Soil	09/05/2006	12:30	09/07/2006	10:00
248531-8	SB1105-1	Soil	09/05/2006	14:15	09/07/2006	10:00
248531-9	SB1105-4	Soil	09/05/2006	14:40	09/07/2006	10:00
248531-10	SB1115-1	Soil	09/05/2006	14:55	09/07/2006	10:00
248531-11	SB1115-5	Soil	09/05/2006	15:20	09/07/2006	10:00
248531-12	SB1125-1	Soil	09/05/2006	15:40	09/07/2006	10:00
248531-13	SB1155-2	Soil	09/06/2006	08:00	09/07/2006	10:00
248531-14	SB1155-3	Soil	09/06/2006	08:10	09/07/2006	10:00
248531-15	SB1165-4	Soil	09/06/2006	11:00	09/07/2006	10:00
248531-16	SB1175-4	Soil	09/06/2006	11:45	09/07/2006	10:00
248531-17	SB1185-2	Soil	09/06/2006	13:10	09/07/2006	10:00
248531-18	SB1185-5	Soil	09/06/2006	13:25	09/07/2006	10:00
248531-19	SB1195-3	Soil	09/06/2006	14:05	09/07/2006	10:00
248531-20	SB1195-4	Soil	09/06/2006	14:25	09/07/2006	10:00
248531-21	SB1215-3	Soil	09/06/2006	15:10	09/07/2006	10:00
248531-22	SB1225-2	Soil	09/06/2006	16:20	09/07/2006	10:00
248531-23	SB1225-4	Soil	09/06/2006	16:40	09/07/2006	10:00
248531-24	SB1255-3	Soil	09/06/2006	18:00	09/07/2006	10:00
248531-25	SB1125-5	Soil	09/05/2006	16:05	09/07/2006	10:00
248531-26	SB1135-5	Soil	09/05/2006	17:30	09/07/2006	10:00

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SAMPLE INFORMATION  
Date:

Job Number.: 248531  
Customer...: SCS Engineers, Inc.  
Attn.....: David Brewer

Project Number.....: 20006654  
Customer Project ID....: GSA - SLOP  
Project Description....: GSA - SLOP

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
248531-27	SB1145-3	Soil	09/05/2006	18:00	09/07/2006	10:00



Job Number: 248531		LABORATORY CHRONICLE			Date: 09/19/2006	
CUSTOMER: SCS Engineers, Inc.		PROJECT: GSA - SLOP			ATTN: David Brewer	
Lab ID: 248531-1	Client ID: SB1015-3	Date Recvd: 09/07/2006	Sample Date: 09/05/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	188899	188899	09/09/2006	1903
7471A	Mercury (CVAA) Solids	1	189222	189221	09/13/2006	1637
7470/7471	SW846 Digestion (Hg)	1	189221		09/13/2006	1245
Lab ID: 248531-2	Client ID: SB1025-5	Date Recvd: 09/07/2006	Sample Date: 09/05/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	188899	188899	09/09/2006	1908
7471A	Mercury (CVAA) Solids	1	189222	189221	09/13/2006	1639
7470/7471	SW846 Digestion (Hg)	1	189221		09/13/2006	1245
Lab ID: 248531-3	Client ID: SB1035-4	Date Recvd: 09/07/2006	Sample Date: 09/05/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	188899	188899	09/09/2006	1911
7471A	Mercury (CVAA) Solids	1	189222	189221	09/13/2006	1641
7470/7471	SW846 Digestion (Hg)	1	189221		09/13/2006	1245
Lab ID: 248531-4	Client ID: SB1045-2	Date Recvd: 09/07/2006	Sample Date: 09/05/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	188899	188899	09/09/2006	1914
7471A	Mercury (CVAA) Solids	1	189222	189221	09/13/2006	1706
7470/7471	SW846 Digestion (Hg)	1	189221		09/13/2006	1245
Lab ID: 248531-5	Client ID: SB1055-3	Date Recvd: 09/07/2006	Sample Date: 09/05/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	188899	188899	09/09/2006	1917
7471A	Mercury (CVAA) Solids	1	189222	189221	09/13/2006	1646
7470/7471	SW846 Digestion (Hg)	1	189221		09/13/2006	1245
Lab ID: 248531-6	Client ID: SB1095-5	Date Recvd: 09/07/2006	Sample Date: 09/05/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	188899	188899	09/09/2006	1920
Lab ID: 248531-7	Client ID: SB1095-10	Date Recvd: 09/07/2006	Sample Date: 09/05/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	188899	188899	09/09/2006	1922
Lab ID: 248531-8	Client ID: SB1105-1	Date Recvd: 09/07/2006	Sample Date: 09/05/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	188899	188899	09/09/2006	1925
Lab ID: 248531-9	Client ID: SB1105-4	Date Recvd: 09/07/2006	Sample Date: 09/05/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	188899	188899	09/09/2006	1928
Lab ID: 248531-10	Client ID: SB1115-1	Date Recvd: 09/07/2006	Sample Date: 09/05/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	188899	188899	09/09/2006	1931
Lab ID: 248531-11	Client ID: SB1115-5	Date Recvd: 09/07/2006	Sample Date: 09/05/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	188899	188899	09/09/2006	1934
Lab ID: 248531-12	Client ID: SB1125-1	Date Recvd: 09/07/2006	Sample Date: 09/05/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	188899	188899	09/09/2006	1937

LABORATORY CHRONICLE

Job Number: 248531

Date: 09/19/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Lab ID	Client ID	Date Recvd	Sample Date	METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
248531-13	SB1155-2	09/07/2006	09/06/2006	Method	% Solids Determination	1	188899	188899		09/09/2006 1939	
248531-14	SB1155-3	09/07/2006	09/06/2006	Method	% Solids Determination	1	188899	188899		09/09/2006 1942	
248531-15	SB1165-4	09/07/2006	09/06/2006	Method	% Solids Determination	1	188899	188899		09/09/2006 1945	
248531-16	SB1175-4	09/07/2006	09/06/2006	Method	% Solids Determination	1	188899	188899		09/09/2006 1948	
248531-17	SB1185-2	09/07/2006	09/06/2006	Method	% Solids Determination	1	188899	188899		09/09/2006 1951	
248531-18	SB1185-5	09/07/2006	09/06/2006	Method	% Solids Determination	1	188899	188899		09/09/2006 1953	
248531-19	SB1195-3	09/07/2006	09/06/2006	Method	% Solids Determination	1	188899	188899		09/09/2006 1956	
248531-20	SB1195-4	09/07/2006	09/06/2006	Method	% Solids Determination	1	188899	188899		09/09/2006 1959	
248531-21	SB1215-3	09/07/2006	09/06/2006	Method	% Solids Determination	1	188859	188859		09/08/2006 1259	
248531-22	SB1225-2	09/07/2006	09/06/2006	Method	% Solids Determination	1	188859	188859		09/08/2006 1301	
248531-23	SB1225-4	09/07/2006	09/06/2006	Method	% Solids Determination	1	188859	188859		09/08/2006 1303	
248531-24	SB1255-3	09/07/2006	09/06/2006	Method	% Solids Determination	1	188859	188859		09/08/2006 1304	
248531-25	SB1125-5	09/07/2006	09/05/2006	Method	% Solids Determination	1	188859	188859		09/08/2006 1306	
248531-26	SB1135-5	09/07/2006	09/05/2006	Method	% Solids Determination	1	188859	188859		09/08/2006 1308	
248531-27	SB1145-3	09/07/2006	09/05/2006	Method	% Solids Determination	1	188859	188859		09/08/2006 1310	

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 09/19/2006

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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 interference, 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

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 09/19/2006

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	Calibration 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

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 09/19/2006

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.

# **CHAIN OF CUSTODY**

Report To:

Bill To:

**SEVERN  
TRENT**

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

Contact: Tennet Dearing  
Company: SLS Engineering  
Address: 10975 El Monte St, 66211  
Overland Park, KS  
Phone: 913-451-7510  
Fax: 913-451-7513  
E-Mail: john.tennet@severn-trent.com

Contact: Sandy Weeks  
Company: (Sunn)  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
PO#: \_\_\_\_\_  
Quote: \_\_\_\_\_

Lab Lot# 248531

Package Sealed	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Samples Sealed	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Received on Ice	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Samples Intact	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Temperature °C of Cooler	<u>(2.3) (2.1) (2.5)</u>		

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	Preserv.		Additional Analyses / Remarks
							# / Cont.	Volume	
1		SB10153	7:56	7:30		56	X		
2		SB10255	7:55	7:55		56	X		
3		SB10354	8:15	8:15		56	X		
4		SB10452	8:30	8:30		56	X		
5		SB10553	9:15	9:15		56	X		
6		SB10955	12:00	12:30		56	X		
7		SB10955-10	12:30	12:30		56	X		
8		SB11051	2:15	2:15		56	X		
9		SB11054	2:40	2:40		56	X		
10		SB1115-1	2:55	2:55		56	X		
11		SB1115-5	3:20	3:20		56	X		
12		SB1125-1	3:40	3:40		56	X		

RELINQUISH DATE: 9/7/06 TIME: 1000 COMPANY: STL

RELINQUISH DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ COMPANY: \_\_\_\_\_

Project Name: SA Slop Date Required: 02/07/06

Project Location: St. Louis, mo Hard Copy: \_\_\_\_\_

Lab PNI: Dickwig

Container Key:  
1. Plastic  
2. VOA Vial  
3. Sterile Plastic  
4. Amber Glass  
5. Wide-mouth Glass  
6. Other

Matrix Key:  
SE = Sediment  
SO = Solid  
DS = Drum Solid  
DL = Drum Liquid  
L = Leachate  
WI = Wipe  
O = Oil  
A = Air

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

Comments: \_\_\_\_\_

Date Received: 9/7/06 Hand Delivered:

Courier: FX

Bill of Lading: see attach

Report To:

Bill To:

**SEVERN  
TRENT**

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

Contact: *Terrest Dooling*  
Company: *SES Eng. nees*  
Address: *10975 Elmste Ste 100*  
*Overland Park, KS 66211*  
Phone: *913-451-7510*  
Fax: *913-451-7513*  
E-Mail: *j.dooling@seseng.com*

Contact: *Shirley Woods*  
Company: *(Kurtz)*  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
PO#: \_\_\_\_\_  
Quote: \_\_\_\_\_

Lab Lot# **248531**

Package Sealed  
Yes No  
Samples Sealed Yes No

Received on Ice  
Yes No  
Samples Intact Yes No

Temperature °C of Cooler

Within Hold Time  
Yes No  
Preserv. Indicated Yes No NA

pH Check OK  
Yes No NA  
Res Cl<sub>2</sub> Check OK Yes No NA

Sample Labels and COC Agree  
Yes No  
COC not present

Additional Analyses / Remarks

Laboratory ID	MS/MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Preserv	Volume	# / Cont.	Refr #	Date Required		Hard Copy	Fax
										Date	Time		
13		SB1155-2	9/6/06	8:00	S	6	6	6	8015	8015	8015	8015	8015
14		SB1155-3		8:10	S	6	6	6	8015	8015	8015	8015	8015
15		SB1165-4		11:00	S	6	6	6	8015	8015	8015	8015	8015
16		SB1175-4		11:45	S	6	6	6	8015	8015	8015	8015	8015
17		SB1185-2		1:10	S	6	6	6	8015	8015	8015	8015	8015
18		SB1185-5		1:25	S	6	6	6	8015	8015	8015	8015	8015
19		SB1195-3		2:05	S	6	6	6	8015	8015	8015	8015	8015
20		SB1195-4		2:25	S	6	6	6	8015	8015	8015	8015	8015
21		SB1215-3		3:10	S	6	6	6	8015	8015	8015	8015	8015
22		SB1225-2		4:20	S	6	6	6	8015	8015	8015	8015	8015
23		SB1225-4		4:40	S	6	6	6	8015	8015	8015	8015	8015
24		SB1255-3		6:00	S	6	6	6	8015	8015	8015	8015	8015

RELINQUISHED BY: \_\_\_\_\_ COMPANY: **SES Eng. nees** DATE: **9/6/06** TIME: **7:00**

RELINQUISHED BY: \_\_\_\_\_ COMPANY: **SES** DATE: **9/7/06** TIME: **10:00**

**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<sub>2</sub>SO<sub>4</sub>, Cool to 4°  
 3. HNO<sub>3</sub>, Cool to 4°  
 4. NaOH, Cool to 4°  
 5. NaOH/Zn, Cool to 4°  
 6. Cool to 4°  
 7. None

RECEIVED B: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

RECEIVED B: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

Date Received: **9/7/06** Hand Delivered:

Courier: **PK**

Bill of Lading: \_\_\_\_\_



**SEVERN TRENT**

**STL**

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

Contact: *Terrett Deming*  
Company: *SL&S Engineers*  
Address: *10975 Elm Ave Ste 100*  
*Deerfield Park, IL 60015*  
Phone: *913-451-7510*  
Fax: *913-451-7513*  
E-Mail: *tdeming@slseng.com*

Contact: *Sandy Weeks*  
Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
PO#: \_\_\_\_\_

Lab Lot# *248531*

Package Sealed	Yes	No	Samples Sealed	Yes	No
Received on Ice	Yes	No	Samples Intact	Yes	No
Temperature °C of Cooler					

Laboratory ID	MS/MSD	Client Sample ID	Sampling Date	Sampling Time	Refr #	# / Cont.	Volume	Preserv	Matrix		Additional Analyses / Remarks
									Comp/Grab	Matrix	
25		SB1125-5	7:50	4:55	6	X			PLG	8882	
26		SB1135-5	5:30		6	X					
27		SB1145-3	6:00		6	X					

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
	<i>SL&amp;S Engineers</i>	<i>5/6/06</i>	<i>7:00</i>		<i>SL</i>	<i>5/7/06</i>	<i>10:00</i>

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

Comments: \_\_\_\_\_

Date Received: *9/17/06* Hand Delivered:

Courier: *FX* Bill of Lading: \_\_\_\_\_

- Matrix Key**
- WW = Wastewater
  - W = Water
  - S = Soil
  - SL = Sludge
  - MS = Miscellaneous
  - OL = Oil
  - A = Air
- 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



Job Number.: 248531 Location.: 57222 Check List Number.: 1 Description.:  
 Customer Job ID.....: Job Check List Date.: 09/07/2006 Date of the Report...: 09/08/2006  
 Project Number.: 20006654 Project Description.: GSA - SLOP Project Manager.....: rcw  
 Customer.....: SCS Engineers, Inc. Contact.: David Brewer

Questions ?	(Y/N)	Comments
Chain-of-Custody Present?.....	Y	
Were samples dropped off at or picked up by STL?..	N	
Custody seal on shipping container?.....	Y	
...If "yes", custody seal intact?.....	Y	
Custody seals on sample containers?.....	N	
...If "yes", custody seal intact?.....		
Samples iced?.....	Y	
Temperature of cooler acceptable? (4 deg C +/- 2).	Y	2.3,2.1,2.5
Samples received intact (good condition)?.....	Y	
Volatile samples acceptable? (no headspace).....		
Correct containers used?.....	Y	
Adequate sample volume provided?.....	Y	
Samples preserved correctly?.....	Y	
Samples received within holding-time?.....	Y	
Agreement between COC and sample labels?.....	Y	
Radioactivity at or below background levels?.....	Y	
A Sample Discrepancy Report (SDR) was needed?.....	N	
Residual Chlorine Check Required?		
If samples were shipped was there an air bill #?..	Y	
Sample Custodian Signature/Date.....	Y	

From Date: 9-6-06  
 Sender's Name: Jerec# Dooling  
 Company: SLS Engineers  
 Address: 10975 Eldonk St 100  
 City: Overland Park, KS  
 State: KS  
 ZIP: 66207-0560  
 Phone: 913-451-7500

To Recipient's Name: Dick...  
 Company: SLS Engineers  
 Address: 2417...  
 City: Overland Park, KS  
 State: KS  
 ZIP: 66207-0560  
 Phone: 913-451-7500

Internal Billing Reference: 0220007056

Recipients Address: 2417...  
 City: Overland Park, KS  
 State: KS  
 ZIP: 66207-0560  
 Phone: 913-451-7500

Address: University Park  
 State: IL  
 ZIP: 60466

Address: University Park  
 State: IL  
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 State: IL  
 ZIP: 60466

0200  
 Recipients Copy

4a Express Package Service  
 FedEx Priority Overnight  
 Next business morning\*  
 FedEx Standard Overnight  
 Next business afternoon\*  
 FedEx 2Day Freight  
 Second business day  
 FedEx 3Day Freight  
 Third business day

4b Express Freight Service  
 FedEx 1Day Freight\*  
 Next business day  
 FedEx 2Day Freight  
 Second business day  
 FedEx 3Day Freight  
 Third business day

Packaging  
 FedEx Envelope  
 FedEx Pak  
 FedEx Tube  
 FedEx Box  
 FedEx Surety Pak

6 Special Handling  
 Saturday Delivery  
 Hold Weekday at FedEx Location  
 Hold Saturday at FedEx Location  
 Dry Ice  
 Cargo Aircraft Only

7 Payment: Bill to  
 Sender  
 Recipient  
 Third Party  
 Credit Card  
 Cash/Check

8 NEW Residential Delivery Signature Options  
 No Signature Required  
 Direct Signature  
 Indirect Signature

Total Declared Value: \$150.00  
 Total Weight: 1.00  
 Total Charges: \$116.32

520

8583 3269 2650

Barcode

8583 3269 2650

Barcode

8583 3269 2650

Barcode

8583 3269 2650

Barcode

# **CASE NARRATIVE**

Severn Trent Laboratories - Chicago  
METALS CASE NARRATIVE

Client: SCS Engineers, Inc.  
Project: WS - DRUMS  
STL#: 248531

Date Rec'd: 09/07/06

1. This narrative covers Metals analysis of samples in the above Job 248531.  
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 Preparation/Method Blanks were less than the Reporting Limit.
6. Laboratory Control Sample (LCS) recoveries were within the 80-120% control limits.
7. Matrix QC performed on an alternate Job.

(b) (6)

Lisa M. Odeshoo  
Metals Supervisor

9-19-06

Date

# **DATA REPORTING FORMS**

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS											
Job Number: 248531					Date: 09/15/2006						
CUSTOMER: SCS Engineers, Inc.					PROJECT: GSA - SLOP						
Customer Sample ID: SB1015-3 Date Sampled: 09/05/2006 Time Sampled: 07:30 Sample Matrix: Soil					Laboratory Sample ID: 248531-1 Date Received: 09/07/2006 Time Received: 10:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination	92.2		0.10	0.10	1	%	188899		09/09/06 1903	clb
	% Solids, Solid	7.8		0.10	0.10	1	%	188899		09/09/06 1903	clb
7471A	Mercury (CVAA) Solids	0.022		0.0066	0.018	1	mg/Kg	189222		09/13/06 1637	gok
	Mercury, Solid*										

\* In Description = Dry Wgt.



STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS											
Job Number: 248531					Date: 09/15/2006						
CUSTOMER: SCS Engineers, Inc. PROJECT: GSA - SLOP ATTN: David Brewer											
Customer Sample ID: SB1025-5 Date Sampled: 09/05/2006 Time Sampled: 07:55 Sample Matrix: Soil Laboratory Sample ID: 248531-2 Date Received: 09/07/2006 Time Received: 10:00											
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination	82.0		0.10	0.10	1	%	188899		09/09/06 1908	clb
	% Solids, Solid	18.0		0.10	0.10	1	%	188899		09/09/06 1908	clb
	% Moisture, Solid										
7471A	Mercury (CVAA) Solids	ND	U	0.0074	0.020	1	mg/Kg	189222		09/13/06 1639	gok
	Mercury, Solid*										

\* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS											
Job Number: 248531			Date: 09/15/2006								
CUSTOMER: SCS Engineers, Inc.			PROJECT: GSA - SLOP								
ATTN: David Brewer											
Customer Sample ID: SB1035-4			Laboratory Sample ID: 248531-3								
Date Sampled: 09/05/2006			Date Received: 09/07/2006								
Time Sampled: 08:15			Time Received: 10:00								
Sample Matrix: Soil											
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination	75.9		0.10	0.10	1	%	188899		09/09/06 1911	clb
	% Solids, Solid	24.1		0.10	0.10	1	%	188899		09/09/06 1911	clb
7471A	Mercury (CVAA) Solids	0.22		0.0080	0.022	1	mg/Kg	189222		09/13/06 1641	gok
	Mercury, Solid*										

\* In Description = Dry Wgt.

L A B O R A T O R Y T E S T R E S U L T S

Job Number: 248531

Date: 09/15/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: SB1045-2  
 Date Sampled.....: 09/05/2006  
 Time Sampled.....: 08:30  
 Sample Matrix.....: Soil

Laboratory Sample ID: 248531-4  
 Date Received.....: 09/07/2006  
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination	83.9		0.10	0.10	1	%	188899		09/09/06 1914	clb
	% Solids, Solid	16.1		0.10	0.10	1	%	188899		09/09/06 1914	clb
7471A	% Moisture, Solid										
	Mercury (CVAA) Solids	3.9		0.073	0.20	10	mg/Kg	189222		09/13/06 1706	gok
	Mercury, Solid*										

\* In Description = Dry Wgt.

LABORATORY TEST RESULTS											
Job Number: 248531					Date: 09/15/2006						
CUSTOMER: SCS Engineers, Inc.					PROJECT: GSA - SLOP						
Customer Sample ID: SB1055-3 Date Sampled: 09/05/2006 Time Sampled: 09:15 Sample Matrix: Soil					Laboratory Sample ID: 248531-5 Date Received: 09/07/2006 Time Received: 10:00						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAG	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method  7471A	% Solids Determination	83.1		0.10	0.10	1	%	188899		09/09/06	1917 clb
	% Solids, Solid % Moisture, Solid	16.9		0.10	0.10	1	%	188899		09/09/06	1917 clb
	Mercury (CVAA) Solids Mercury, Solid*	0.19		0.0073	0.020	1	mg/Kg	189222		09/13/06	1646 gok

\* In Description = Dry Wgt.

Job Number: 248531

LABORATORY TEST RESULTS

Date: 09/15/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - STOP

ATTN: David Brewer

Customer Sample ID: SB1095-5  
 Date Sampled: 09/05/2006  
 Time Sampled: 12:00  
 Sample Matrix: Soil

Laboratory Sample ID: 248531-6  
 Date Received: 09/07/2006  
 Time Received: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination	81.4			0.10	0.10	1	%	188899		09/09/06 1920	clb
	% Moisture, Solid	18.6			0.10	0.10	1	%	188899		09/09/06 1920	clb

\* In Description = Dry Wgt.

Job Number: 248531

LABORATORY TEST RESULTS

Date: 09/15/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: SB1095-10  
 Date Sampled: 09/05/2006  
 Time Sampled: 12:30  
 Sample Matrix: Soil

Laboratory Sample ID: 248531-7  
 Date Received: 09/07/2006  
 Time Received: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination	82.3			0.10	0.10	1	%	188899		09/09/06 1922	clb
	% Moisture, Solid	17.7			0.10	0.10	1	%	188899		09/09/06 1922	clb

\* In Description = Dry Wgt.

Job Number: 248531

LABORATORY TEST RESULTS

Date: 09/15/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: S81105-1  
 Date Sampled: 09/05/2006  
 Time Sampled: 14:15  
 Sample Matrix: Soil

Laboratory Sample ID: 248531-8  
 Date Received: 09/07/2006  
 Time Received: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination % Solids, Solid % Moisture, Solid	96.9 3.1		0.10 0.10	0.10 0.10	1 1	% %	188899 188899		09/09/06 1925 09/09/06 1925	clb clb

\* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 248531

Date: 09/15/2006

CUSTOMER: SGS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: SB1105-4  
 Date Sampled: 09/05/2006  
 Time Sampled: 14:40  
 Sample Matrix: Soil

Laboratory Sample ID: 248531-9  
 Date Received: 09/07/2006  
 Time Received: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination % Solids, Solid % Moisture, Solid	79.2 20.8		0.10 0.10	0.10 0.10	1 1	%	188899 188899		09/09/06 1928 09/09/06 1928	clb clb

\* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 248531

Date: 09/15/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: SB1115-1  
 Date Sampled: 09/05/2006  
 Time Sampled: 14:55  
 Sample Matrix: Soil

Laboratory Sample ID: 248531-10  
 Date Received: 09/07/2006  
 Time Received: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination % Solids, Solid % Moisture, Solid	88.5 11.5			0.10 0.10	0.10 0.10	1 1	%	188899 188899		09/09/06 1931 09/09/06 1931	clb clb

\* In Description = Dry Wgt.

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Job Number: 248531

LABORATORY TEST RESULTS

Date: 09/15/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: SB1115-5  
 Date Sampled: 09/05/2006  
 Time Sampled: 15:20  
 Sample Matrix: Soil

Laboratory Sample ID: 248531-11  
 Date Received: 09/07/2006  
 Time Received: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination % Solids, Solid % Moisture, Solid	80.2 19.8		0.10 0.10	0.10 0.10	1 1	%	188899 188899		09/09/06 1934 09/09/06 1934	clb clb

\* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 248531

Date: 09/15/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: SB1125-1  
 Date Sampled.....: 09/05/2006  
 Time Sampled.....: 15:40  
 Sample Matrix.....: Soil

Laboratory Sample ID: 248531-12  
 Date Received.....: 09/07/2006  
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination	88.4			0.10	0.10	1	%	188899		09/09/06 1937	clb
	% Moisture, Solid	11.6			0.10	0.10	1	%	188899		09/09/06 1937	clb

\* In Description = Dry Wgt.

Job Number: 248531

LABORATORY TEST RESULTS

Date: 09/15/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: SB1155-2  
 Date Sampled: 09/06/2006  
 Time Sampled: 08:00  
 Sample Matrix: Soil

Laboratory Sample ID: 248531-13  
 Date Received: 09/07/2006  
 Time Received: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination % Solids, Solid % Moisture, Solid	85.4 14.6			0.10 0.10	0.10 0.10	1 1	%	188899 188899		09/09/06 1939 09/09/06 1939	clb clb

\* In Description = Dry Wgt.

Job Number: 248531

LABORATORY TEST RESULTS

Date: 09/15/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: SB1155-3  
 Date Sampled: 09/06/2006  
 Time Sampled: 08:10  
 Sample Matrix: Soil

Laboratory Sample ID: 248531-14  
 Date Received: 09/07/2006  
 Time Received: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination % Solids, Solid % Moisture, Solid	83.7 16.3		0.10 0.10	0.10 0.10	1 1	%	188899 188899		09/09/06 1942 09/09/06 1942	clb clb

\* In Description = Dry Wgt.

Job Number: 248531

LABORATORY TEST RESULTS

Date: 09/15/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: SB1165-4  
 Date Sampled: 09/06/2006  
 Time Sampled: 11:00  
 Sample Matrix: Soil

Laboratory Sample ID: 248531-15  
 Date Received: 09/07/2006  
 Time Received: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination % Solids, Solid % Moisture, Solid	79.9 20.1		0.10 0.10	0.10 0.10	1 1	%	188899 188899		09/09/06 1945 09/09/06 1945	clb clb

\* In Description = Dry Wgt.

Job Number: 248531

LABORATORY TEST RESULTS

Date: 09/15/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: SB1175-4  
 Date Sampled: 09/06/2006  
 Time Sampled: 11:45  
 Sample Matrix: Soil

Laboratory Sample ID: 248531-16  
 Date Received: 09/07/2006  
 Time Received: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination % Solids, Solid % Moisture, Solid	78.9 21.1		0.10 0.10	0.10 0.10	1 1	% %	188899 188899		09/09/06 1948 09/09/06 1948	clb clb

\* In Description = Dry Wgt.

Job Number: 248531

LABORATORY TEST RESULTS

Date: 09/15/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: SB1185-2  
 Date Sampled: 09/06/2006  
 Time Sampled: 13:10  
 Sample Matrix: Soil

Laboratory Sample ID: 248531-17  
 Date Received: 09/07/2006  
 Time Received: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination % Solids, Solid % Moisture, Solid	85.8 14.2		0.10 0.10	0.10 0.10	1 1	%	188899 188899		09/09/06 1951 09/09/06 1951	clb clb

\* In Description = Dry Wgt.



LABORATORY TEST RESULTS

Job Number: 248531

Date: 09/15/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: SB1185-5  
 Date Sampled: 09/06/2006  
 Time Sampled: 13:25  
 Sample Matrix: Soil

Laboratory Sample ID: 248531-18  
 Date Received: 09/07/2006  
 Time Received: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination	86.8			0.10	0.10	1	%	188899		09/09/06 1953	clb
	% Moisture, Solid	13.2			0.10	0.10	1	%	188899		09/09/06 1953	clb

\* In Description = Dry Wgt.

Job Number: 248531

LABORATORY TEST RESULTS

Date: 09/15/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: SB1195-3  
 Date Sampled.....: 09/06/2006  
 Time Sampled.....: 14:05  
 Sample Matrix.....: Soil

Laboratory Sample ID: 248531-19  
 Date Received.....: 09/07/2006  
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination % Solids, Solid % Moisture, Solid	78.8 21.2			0.10 0.10	0.10 0.10	1 1	%	188899 188899		09/09/06 1956 09/09/06 1956	clb clb

\* In Description = Dry Wgt.

Job Number: 248531

LABORATORY TEST RESULTS

Date: 09/15/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: SB1195-4  
 Date Sampled: 09/06/2006  
 Time Sampled: 14:25  
 Sample Matrix: Soil

Laboratory Sample ID: 248531-20  
 Date Received: 09/07/2006  
 Time Received: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination % Solids, Solid % Moisture, Solid	81.1 18.9			0.10 0.10	0.10 0.10	1 1	%	188899 188899		09/09/06 1959 09/09/06 1959	clb clb

\* In Description = Dry Wgt.

Job Number: 248531

LABORATORY TEST RESULTS

Date: 09/15/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - STOP

ATTN: David Brewer

Customer Sample ID: SB1215-3  
 Date Sampled.....: 09/06/2006  
 Time Sampled.....: 15:10  
 Sample Matrix.....: Soil

Laboratory Sample ID: 248531-21  
 Date Received.....: 09/07/2006  
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination % Solids, Solid % Moisture, Solid	80.1 19.9		0.10 0.10	0.10 0.10	1 1	%	188859 188859		09/08/06 1259 09/08/06 1259	lp lp

\* In Description = Dry Wgt.

Job Number: 248531

LABORATORY TEST RESULTS

Date: 09/15/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: SB1225-2  
 Date Sampled: 09/06/2006  
 Time Sampled: 16:20  
 Sample Matrix: Soil

Laboratory Sample ID: 248531-22  
 Date Received: 09/07/2006  
 Time Received: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination % Moisture, Solid	81.9 18.1		0.10 0.10	0.10 0.10	1 1	% %	188859 188859		09/08/06 1301 09/08/06 1301	lp lp

\* In Description = Dry Wgt.

Job Number: 248531

LABORATORY TEST RESULTS

Date: 09/15/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: SB1225-4  
 Date Sampled.....: 09/06/2006  
 Time Sampled.....: 16:40  
 Sample Matrix.....: Soil

Laboratory Sample ID: 248531-23  
 Date Received.....: 09/07/2006  
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination % Solids, Solid % Moisture, Solid	77.9 22.1		0.10 0.10	0.10 0.10	1 1	%	188859 188859		09/08/06 1303 09/08/06 1303	lp lp

\* In Description = Dry Wgt.

Job Number: 248531

LABORATORY TEST RESULTS

Date: 09/15/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: S81255-3  
 Date Sampled: 09/06/2006  
 Time Sampled: 18:00  
 Sample Matrix: Soil

Laboratory Sample ID: 248531-24  
 Date Received: 09/07/2006  
 Time Received: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination % Solids, Solid % Moisture, Solid	74.6 25.4		0.10 0.10	0.10 0.10	1 1	%	188859 188859		09/08/06 1304 09/08/06 1304	lp lp

\* In Description = Dry Wgt.

Job Number: 248531

LABORATORY TEST RESULTS

Date: 09/15/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: SB1125-5  
 Date Sampled: 09/05/2006  
 Time Sampled: 16:05  
 Sample Matrix: Soil

Laboratory Sample ID: 248531-25  
 Date Received: 09/07/2006  
 Time Received: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination % Solids, Solid % Moisture, Solid	77.4 22.6		0.10 0.10	0.10 0.10	1 1	%	188859 188859		09/08/06 1306 09/08/06 1306	lp lp

\* In Description = Dry Wgt.



Job Number: 248531

LABORATORY TEST RESULTS

Date: 09/15/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: SB1135-5  
 Date Sampled: 09/05/2006  
 Time Sampled: 17:30  
 Sample Matrix: Soil

Laboratory Sample ID: 248531-26  
 Date Received: 09/07/2006  
 Time Received: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination % Solids, Solid % Moisture, Solid	79.8 20.2		0.10 0.10	0.10 0.10	1 1	%	188859 188859		09/08/06 1308 09/08/06 1308	lp lp

\* In Description = Dry Wgt.

Job Number: 248531

LABORATORY TEST RESULTS

Date: 09/15/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: S81145-3  
 Date Sampled.....: 09/05/2006  
 Time Sampled.....: 18:00  
 Sample Matrix.....: Soil

Laboratory Sample ID: 248531-27  
 Date Received.....: 09/07/2006  
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	QI FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination % Solids, Solid % Moisture, Solid	78.4 21.6		0.10 0.10	0.10 0.10	1 1	% %	188859 188859		09/08/06 1310 09/08/06 1310	lp lp

\* In Description = Dry Wgt.

LABORATORY CHRONICLE

Job Number: 248531

Date: 09/15/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Lab ID:	Client ID:	Date Recvd:	Sample Date:				
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
248531-1	SB1015-3	09/07/2006	09/05/2006				
Method	% Solids Determination	1	188899	188899		09/09/2006	1903
7471A	Mercury (CVAA) Solids	1	189222	189221		09/13/2006	1637
7470/7471	SW846 Digestion (Hg)	1	189221			09/13/2006	1245
248531-2	SB1025-5	09/07/2006	09/05/2006				
Method	% Solids Determination	1	188899	188899		09/09/2006	1908
7471A	Mercury (CVAA) Solids	1	189222	189221		09/13/2006	1639
7470/7471	SW846 Digestion (Hg)	1	189221			09/13/2006	1245
248531-3	SB1035-4	09/07/2006	09/05/2006				
Method	% Solids Determination	1	188899	188899		09/09/2006	1911
7471A	Mercury (CVAA) Solids	1	189222	189221		09/13/2006	1641
7470/7471	SW846 Digestion (Hg)	1	189221			09/13/2006	1245
248531-4	SB1045-2	09/07/2006	09/05/2006				
Method	% Solids Determination	1	188899	188899		09/09/2006	1914
7471A	Mercury (CVAA) Solids	1	189222	189221		09/13/2006	1706
7470/7471	SW846 Digestion (Hg)	1	189221			09/13/2006	1245
248531-5	SB1055-3	09/07/2006	09/05/2006				
Method	% Solids Determination	1	188899	188899		09/09/2006	1917
7471A	Mercury (CVAA) Solids	1	189222	189221		09/13/2006	1646
7470/7471	SW846 Digestion (Hg)	1	189221			09/13/2006	1245
248531-6	SB1095-5	09/07/2006	09/05/2006				
Method	% Solids Determination	1	188899	188899		09/09/2006	1920
248531-7	SB1095-10	09/07/2006	09/05/2006				
Method	% Solids Determination	1	188899	188899		09/09/2006	1922
248531-8	SB1105-1	09/07/2006	09/05/2006				
Method	% Solids Determination	1	188899	188899		09/09/2006	1925
248531-9	SB1105-4	09/07/2006	09/05/2006				
Method	% Solids Determination	1	188899	188899		09/09/2006	1928
248531-10	SB1115-1	09/07/2006	09/05/2006				
Method	% Solids Determination	1	188899	188899		09/09/2006	1931
248531-11	SB1115-5	09/07/2006	09/05/2006				
Method	% Solids Determination	1	188899	188899		09/09/2006	1934
248531-12	SB1125-1	09/07/2006	09/05/2006				
Method	% Solids Determination	1	188899	188899		09/09/2006	1937

Job Number: 248531		LABORATORY CHRONICLE				Date: 09/15/2006
CUSTOMER: SCS Engineers, Inc.		PROJECT: GSA - SLOP		ATTN: David Brewer		
Lab ID: 248531-13	Client ID: SB1155-2	Date Recvd: 09/07/2006	Sample Date: 09/06/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED
Method	% Solids Determination	1	188899	188899		09/09/2006 1939
Lab ID: 248531-14	Client ID: SB1155-3	Date Recvd: 09/07/2006	Sample Date: 09/06/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED
Method	% Solids Determination	1	188899	188899		09/09/2006 1942
Lab ID: 248531-15	Client ID: SB1165-4	Date Recvd: 09/07/2006	Sample Date: 09/06/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED
Method	% Solids Determination	1	188899	188899		09/09/2006 1945
Lab ID: 248531-16	Client ID: SB1175-4	Date Recvd: 09/07/2006	Sample Date: 09/06/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED
Method	% Solids Determination	1	188899	188899		09/09/2006 1948
Lab ID: 248531-17	Client ID: SB1185-2	Date Recvd: 09/07/2006	Sample Date: 09/06/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED
Method	% Solids Determination	1	188899	188899		09/09/2006 1951
Lab ID: 248531-18	Client ID: SB1185-5	Date Recvd: 09/07/2006	Sample Date: 09/06/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED
Method	% Solids Determination	1	188899	188899		09/09/2006 1953
Lab ID: 248531-19	Client ID: SB1195-3	Date Recvd: 09/07/2006	Sample Date: 09/06/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED
Method	% Solids Determination	1	188899	188899		09/09/2006 1956
Lab ID: 248531-20	Client ID: SB1195-4	Date Recvd: 09/07/2006	Sample Date: 09/06/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED
Method	% Solids Determination	1	188899	188899		09/09/2006 1959
Lab ID: 248531-21	Client ID: SB1215-3	Date Recvd: 09/07/2006	Sample Date: 09/06/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED
Method	% Solids Determination	1	188859	188859		09/08/2006 1259
Lab ID: 248531-22	Client ID: SB1225-2	Date Recvd: 09/07/2006	Sample Date: 09/06/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED
Method	% Solids Determination	1	188859	188859		09/08/2006 1301
Lab ID: 248531-23	Client ID: SB1225-4	Date Recvd: 09/07/2006	Sample Date: 09/06/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED
Method	% Solids Determination	1	188859	188859		09/08/2006 1303
Lab ID: 248531-24	Client ID: SB1255-3	Date Recvd: 09/07/2006	Sample Date: 09/06/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED
Method	% Solids Determination	1	188859	188859		09/08/2006 1304
Lab ID: 248531-25	Client ID: SB1125-5	Date Recvd: 09/07/2006	Sample Date: 09/05/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED
Method	% Solids Determination	1	188859	188859		09/08/2006 1306
Lab ID: 248531-26	Client ID: SB1135-5	Date Recvd: 09/07/2006	Sample Date: 09/05/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED
Method	% Solids Determination	1	188859	188859		09/08/2006 1308
Lab ID: 248531-27	Client ID: SB1145-3	Date Recvd: 09/07/2006	Sample Date: 09/05/2006			
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED
Method	% Solids Determination	1	188859	188859		09/08/2006 1310

QUALITY CONTROL RESULTS

Job Number.: 248531

Report Date.: 09/15/2006

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Test Method.....: Method  
Method Description.: % Solids Determination  
Parameter.....: % Solids

Batch.....: 188859  
Equipment Code.....:

Analyst...: lp  
Test Code.: %SOLID

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc. F	*	Limits	Date	Time
MB	188859-001		%	0.1000	U						09/08/2006	1245

Test Method.....: Method  
Method Description.: % Solids Determination  
Parameter.....: % Solids

Batch.....: 188899  
Equipment Code.....:

Analyst...: clb  
Test Code.: %SOLID

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc. F	*	Limits	Date	Time
MB	188899-001		%	0.1000	U						09/09/2006	1900
MD	248531-1		%	92.90000			92.20000	0.8		R 5.0	09/09/2006	1906

Test Method.....: 7471A  
Method Description.: Mercury (CVAA) Solids  
Parameter.....: Mercury

Batch.....: 189222  
Equipment Code.....: HG3

Analyst...: gok  
Test Code.: HG

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc. F	*	Limits	Date	Time
ICV	189222-007	M06HSTK010	ug/L	1.95		2.00		97		% 90-110	09/13/2006	1426
ICB	189222-008		ug/L	0.08	U						09/13/2006	1428
CRA	189222-009	M05LSTK001	ug/L	0.22		0.20		112		% 50-150	09/13/2006	1430
MB	189220-007		mg/Kg	0.01	U						09/13/2006	1432
LCS	189220-008	M06HSTK010	mg/Kg	0.17		0.17	0.01	103		% 80-120	09/13/2006	1434
CCV	189222-017	M06HSTK010	ug/L	1.07		1.00		107		% 90-110	09/13/2006	1447
CCB	189222-018		ug/L	0.08	U						09/13/2006	1449
CCV	189222-029	M06HSTK010	ug/L	1.09		1.00		109		% 90-110	09/13/2006	1513
CCB	189222-030		ug/L	0.08	U						09/13/2006	1515
CCV	189222-040	M06HSTK010	ug/L	0.98		1.00		98		% 90-110	09/13/2006	1537
CCB	189222-041		ug/L	0.08	U						09/13/2006	1539
MB	189221-007		mg/Kg	0.01	U						09/13/2006	1541
LCS	189221-008	M06HSTK010	mg/Kg	0.17		0.17	0.01	102		% 80-120	09/13/2006	1543
CCV	189222-049	M06HSTK010	ug/L	1.00		1.00		100		% 90-110	09/13/2006	1558
CCB	189222-050		ug/L	0.08	U						09/13/2006	1601
CCV	189222-061	M06HSTK010	ug/L	1.00		1.00		100		% 90-110	09/13/2006	1625
CCB	189222-062		ug/L	0.08	U						09/13/2006	1628
CCV	189222-071	M06HSTK010	ug/L	0.96		1.00		96		% 90-110	09/13/2006	1648
CCB	189222-072		ug/L	0.08	U						09/13/2006	1651
CCV	189222-080	M06HSTK010	ug/L	0.99		1.00		99		% 90-110	09/13/2006	1709
CCB	189222-081		ug/L	0.08	U						09/13/2006	1711

# MERCURY RAW DATA









SW846 Digestion (Hg)

Report Date: 9/14/06 16:01

Method Code...: HGSWD	Batch Date...: 09/14/06	QC Code.....:	Equipment Code.: HG3
Batch Code...: 189221	Batch Time...: 1558	Calc Code.....: PREPFO	Import Code.....:
Status.....: RPT	User Name....: gok	Location Code..: 57222	

BATCH:	Item	Description	Description Information
	1	Analyst: (b) (6)	GEORGE KLEE JR.
	2	Reviewer:	
	3	Equipment ID:	1173
	4	Wavelength: 253.7nm Cell length: 20.5cm	
	5	Water Bath Temp: Initial(Limits 90C-95C)	
	6	Water Bath Temp: Final	
	7	Block Digestor Temp: Initial (90C-95C)	95
	8	Thermometer ID: Correction Factor:	1173 +2
	9	Repipettor Volume Check:	OK
	10	HNO3 Lot#:	A22035
	11	HCL Lot#:	5587 A06A22
	12	H2SO4 Lot#:	5557 A20A08
	13	KMnO4 Lot#:	7056 X49655
	14	SnCl2-H2O Lot#:	A40600
	15	NH2OH-HCL Lot#:	Y28599
	16	K2S2O8 Lot#:	T44H13
	17	NaCl Lot#:	43234351
	18	Date Sample Prepped:	09/13/06
	19	Prep Time In:	1245
	20	Prep Time Out:	1315

SAMPLE:	Grp	Pos	Sample ID	Dilution	DIGHG Text	MLI mL	MLF mL	WEIGHT g	PREPF N/A
	1	1	__s_s1_M05LSTK001__		Complete		50	0.60	83.3333
	1	2	__s_s2__		Complete		50	0.60	83.3333
	1	3	__s_s3__		Complete		50	0.60	83.3333
	1	4	__s_s4__		Complete		50	0.60	83.3333
	1	5	__s_s5__		Complete		50	0.60	83.3333
	1	6	__s_s6__		Complete		50	0.60	83.3333
	1	7	__s_MB__		Complete		50	0.60	83.3333
	1	8	__s_LCS_M06HSTK010_7		Complete		50	0.60	83.3333
	1	9	248463_1_s__		Complete		50	0.60	83.3333
	1	10	248463_1_s_MD_9		Complete		50	0.60	83.3333
	1	11	248463_1_s_MS_M05LSTK001_9		Complete		50	0.60	83.3333

SW846 Digestion (Hg)

Report Date: 9/14/06 16:01

Method Code...: HGSWD	Batch Date...: 09/14/06	QC Code.....:	Equipment Code.: HG3
Batch Code...: 189221	Batch Time...: 1558	Calc Code.....: PREPFO	Import Code....:
Status.....: RPT	User Name....: gok	Location Code..: 57222	

SAMPLE:	Grp	Pos	Sample ID	Dilution	DIGHG Text	MLI mL	MLF mL	WEIGHT g	PREPF N/A
1	12		248463_1_s_MSD_M05LSTK001_9		Complete		50	0.60	83.3333
1	13		248463_2_s_		Complete		50	0.60	83.3333
1	14		248463_3_s_		Complete		50	0.60	83.3333
1	15		248463_4_s_		Complete		50	0.60	83.3333
1	16		248463_5_s_		Complete		50	0.60	83.3333
1	17		248463_6_s_		Complete		50	0.60	83.3333
1	18		248475_3_s_		Complete		50	0.60	83.3333
1	19		248475_4_s_		Complete		50	0.60	83.3333
1	20		248475_5_s_		Complete		50	0.60	83.3333
1	21		248475_6_s_		Complete		50	0.60	83.3333
1	22		248475_7_s_		Complete		50	0.60	83.3333
1	23		248475_8_s_		Complete		50	0.60	83.3333
1	24		248475_9_s_		Complete		50	0.60	83.3333
1	25		248475_10_s_		Complete		50	0.60	83.3333
1	26		248475_12_s_		Complete		50	0.60	83.3333
1	27		248531_1_s_		Complete		50	0.60	83.3333
1	28		248531_2_s_		Complete		50	0.60	83.3333
1	29		248531_3_s_		Complete		50	0.60	83.3333
1	30		248531_4_s_		Complete		50	0.60	83.3333
1	31		248531_5_s_		Complete		50	0.60	83.3333

SAMPLE:	Grp	Pos	Sample ID	Dilution	DLFAC N/A	VOL mL			
1	1		_s_s1_M05LSTK001_		1.0000	50			
1	2		_s_s2_		1.0000	50			
1	3		_s_s3_		1.0000	50			
1	4		_s_s4_		1.0000	50			
1	5		_s_s5_		1.0000	50			
1	6		_s_s6_		1.0000	50			
1	7		_s_MB_		1.0000	50			
1	8		_s_LCS_M06HSTK010_7		1.0000	50			
1	9		248463_1_s_		1.0000	50			
1	10		248463_1_s_MD_9		1.0000	50			
1	11		248463_1_s_MS_M05LSTK001_9		1.0000	50			

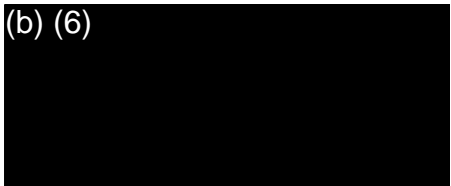
SW846 Digestion (Hg)

Report Date: 9/14/06 16:01

Method Code...: HGSWD		Batch Date...: 09/14/06		QC Code.....:		Equipment Code.: HG3	
Batch Code...: 189221		Batch Time...: 1558		Calc Code.....: PREPFO		Import Code.....:	
Status.....: RPT		User Name....: gok		Location Code..: 57222			
SAMPLE:	Grp Pos	Sample ID	Dilution	DLFAC N/A	VOL mL		
1	12	248463_1_s_MSD_M05LSTK001_9		1.0000	50		
1	13	248463_2_s__		1.0000	50		
1	14	248463_3_s__		1.0000	50		
1	15	248463_4_s__		1.0000	50		
1	16	248463_5_s__		1.0000	50		
1	17	248463_6_s__		1.0000	50		
1	18	248475_3_s__		1.0000	50		
1	19	248475_4_s__		1.0000	50		
1	20	248475_5_s__		1.0000	50		
1	21	248475_6_s__		1.0000	50		
1	22	248475_7_s__		1.0000	50		
1	23	248475_8_s__		1.0000	50		
1	24	248475_9_s__		1.0000	50		
1	25	248475_10_s__		1.0000	50		
1	26	248475_12_s__		1.0000	50		
1	27	248531_1_s__		1.0000	50		
1	28	248531_2_s__		1.0000	50		
1	29	248531_3_s__		1.0000	50		
1	30	248531_4_s__		1.0000	50		
1	31	248531_5_s__		1.0000	50		

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1				Seq: 1			14:12:55 13 Sep 06	HG
Hg	.000	ppb	2595					
*** Standard: 2 Rep: 1				Seq: 2			14:15:04 13 Sep 06	HG
Hg	.200	ppb	14374					
*** Standard: 3 Rep: 1				Seq: 3			14:17:15 13 Sep 06	HG
Hg	.500	ppb	30462					
*** Standard: 4 Rep: 1				Seq: 4			14:19:25 13 Sep 06	HG
Hg	1.00	ppb	57921					
*** Standard: 5 Rep: 1				Seq: 5			14:21:35 13 Sep 06	HG
Hg	3.00	ppb	158019					
*** Standard: 6 Rep: 1				Seq: 6			14:23:54 13 Sep 06	HG
Hg	5.00	ppb	264043					
*** Sample ID: 01				Seq: 7			14:26:23 13 Sep 06	HG
Hg	1.95	ppb	.000	ICVM06HSTK010 1.95		97.58		
*** Sample ID: 02				Seq: 8			14:28:40 13 Sep 06	HG
Hg	.005	ppb	.000	ICB .005				
*** Sample ID: 03				Seq: 9			14:30:46 13 Sep 06	HG
Hg	.225	ppb	.000	CRAM05LSTK001 .225		112.58		
*** Sample ID: 04				Seq: 10			14:32:51 13 Sep 06	HG
Hg	.042	ppb	.000	MB .042				
*** Sample ID: 05				Seq: 11			14:34:56 13 Sep 06	HG
Hg	2.07	ppb	.000	LCSM06HSTK010 2.07		103.58		
*** Sample ID: 06				Seq: 12			14:37:12 13 Sep 06	HG
Hg	.536	ppb	.000	248444-001S .536				

(b) (6)



9/13/06

189220  
189221 / 189222

CC 0.9999  
W 51898.7  
S 3999.9  
X 0.0771

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: 07					Seq: 13		14:39:19 13 Sep 06	HG
					248444-002S			
Hg	.407	ppb	.000	.407				
*** Sample ID: 08					Seq: 14		14:41:24 13 Sep 06	HG
					248444-003S			
Hg	.466	ppb	.000	.466				
*** Sample ID: 09					Seq: 15		14:43:32 13 Sep 06	HG
					248444-004S			
Hg	.342	ppb	.000	.342				
*** Sample ID: 10					Seq: 16		14:45:38 13 Sep 06	HG
					248444-005S			
Hg	.183	ppb	.000	.183				
*** Sample ID: 11					Seq: 17		14:47:44 13 Sep 06	HG
					CCVM06HSTK010			
Hg	1.07	ppb	.000	1.07		107.08		
*** Sample ID: 12					Seq: 18		14:49:52 13 Sep 06	HG
					CCB			
Hg	-.015	L ppb	.000	-.015				
*** Sample ID: 13					Seq: 19		14:51:57 13 Sep 06	HG
					248500-001S			
Hg	.252	ppb	.000	.252				
*** Sample ID: 14					Seq: 20		14:54:02 13 Sep 06	HG
					248500-002S			
Hg	.318	ppb	.000	.318				
*** Sample ID: 15					Seq: 21		14:56:06 13 Sep 06	HG
					248500-003S			
Hg	8.82	H ppb	.000	8.82				
*** Sample ID: 16					Seq: 22		14:58:33 13 Sep 06	HG
					248500-004S			
Hg	.019	ppb	.000	.019				
*** Sample ID: 17					Seq: 23		15:00:38 13 Sep 06	HG
					248500-005S			
Hg	.441	ppb	.000	.441				
*** Sample ID: 18					Seq: 24		15:02:42 13 Sep 06	HG
					248500-006S			
Hg	.485	ppb	.000	.485				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: 19					Seq: 25	15:04:51	13 Sep 06	HG
					248500-007S			
Hg	.010	ppb	.000	.010				
*** Sample ID: 20					Seq: 26	15:06:56	13 Sep 06	HG
					248500-007S-MD			
Hg	.007	ppb	.000	.007				
*** Sample ID: 21					Seq: 27	15:09:02	13 Sep 06	HG
					248500-007S-MS			
Hg	.976	ppb	.000	.976				97.68
*** Sample ID: 22					Seq: 28	15:11:10	13 Sep 06	HG
					248500-007S-MSD			
Hg	.966	ppb	.000	.966				96.68
*** Sample ID: 23					Seq: 29	15:13:18	13 Sep 06	HG
					CCVM06HSTK010			
Hg	1.09	ppb	.000	1.09				109.02
*** Sample ID: 24					Seq: 30	15:15:24	13 Sep 06	HG
					CCB			
Hg	-.003	L ppb	.000	-.003				
*** Sample ID: 25					Seq: 31	15:17:30	13 Sep 06	HG
					248507-001S			
Hg	.293	ppb	.000	.293				
*** Sample ID: 26					Seq: 32	15:19:35	13 Sep 06	HG
					248507-002S			
Hg	.512	ppb	.000	.512				
*** Sample ID: 27					Seq: 33	15:21:41	13 Sep 06	HG
					248508-002S			
Hg	3.77	ppb	.000	3.77				
*** Sample ID: 28					Seq: 34	15:24:07	13 Sep 06	HG
					248508-003S			
Hg	3.90	ppb	.000	3.90				
*** Sample ID: 29					Seq: 35	15:26:25	13 Sep 06	HG
					248532-001S			
Hg	.298	ppb	.000	.298				
*** Sample ID: 30					Seq: 36	15:28:32	13 Sep 06	HG
					248532-002S			
Hg	1.75	ppb	.000	1.75				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: 31					Seq: 37	15:30:42	13 Sep 06	HG
				248532-003S				
Hg	.923	ppb	.000	.923				
*** Sample ID: 32					Seq: 38	15:32:56	13 Sep 06	HG
				248581-023S				
Hg	.877	ppb	.000	.877				
*** Sample ID: 33					Seq: 39	15:35:13	13 Sep 06	HG
				248500-003S	5			
Hg	1.76	ppb	.000	1.76				
*** Sample ID: 34					Seq: 40	15:37:26	13 Sep 06	HG
				CCVM06HSTK010				
Hg	.977	ppb	.000	.977	97.78			
*** Sample ID: 35					Seq: 41	15:39:36	13 Sep 06	HG
				CCB				
Hg	-.015	L ppb	.000	-.015				
*** Sample ID: 04					Seq: 42	15:41:44	13 Sep 06	HG
				MB				
Hg	.018	ppb	.000	.018				
*** Sample ID: 05					Seq: 43	15:43:53	13 Sep 06	HG
				LCSM06HSTK010				
Hg	2.04	ppb	.000	2.04	10200			
*** Sample ID: 06					Seq: 44	15:46:06	13 Sep 06	HG
				248463-001S				
Hg	11.9	H ppb	.000	11.9				
*** Sample ID: 07					Seq: 45	15:48:47	13 Sep 06	HG
				248463-001S-MD				
Hg	12.4	H ppb	.000	12.4				
*** Sample ID: 08					Seq: 46	15:51:26	13 Sep 06	HG
				248463-001S-MS				
Hg	13.1	H ppb	.000	13.1				
*** Sample ID: 09					Seq: 47	15:54:07	13 Sep 06	HG
				248463-001S-MSD				
Hg	10.9	H ppb	.000	10.9				
*** Sample ID: 10					Seq: 48	15:56:47	13 Sep 06	HG
				248463-002S				
Hg	.173	ppb	.000	.173				



Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: 11					Seq: 49	15:58:58	13 Sep 06	HG
					CCVM06HSTK010			
Hg	.995	ppb	.000	.995				99.5 V
*** Sample ID: 12					Seq: 50	16:01:12	13 Sep 06	HG
					CCB			
Hg	-.006	L ppb	.000	-.006				
*** Sample ID: 13					Seq: 51	16:03:22	13 Sep 06	HG
					248463-003S			
Hg	5.47	H ppb	.000	5.47				
*** Sample ID: 14					Seq: 52	16:05:57	13 Sep 06	HG
					248463-004S			
Hg	.306	ppb	.000	.306				
*** Sample ID: 15					Seq: 53	16:08:07	13 Sep 06	HG
					248463-005S			
Hg	5.98	H ppb	.000	5.98				
*** Sample ID: 16					Seq: 54	16:10:28	13 Sep 06	HG
					248463-006S			
Hg	4.26	ppb	.000	4.26				
*** Sample ID: 17					Seq: 55	16:12:49	13 Sep 06	HG
					248475-003S			
Hg	.238	ppb	.000	.238				
*** Sample ID: 18					Seq: 56	16:14:59	13 Sep 06	HG
					248475-004S			
Hg	.178	ppb	.000	.178				
*** Sample ID: 19					Seq: 57	16:17:10	13 Sep 06	HG
					248475-005S			
Hg	.194	ppb	.000	.194				
*** Sample ID: 20					Seq: 58	16:19:21	13 Sep 06	HG
					248475-006S			
Hg	.275	ppb	.000	.275				
*** Sample ID: 21					Seq: 59	16:21:32	13 Sep 06	HG
					248475-007S			
Hg	.228	ppb	.000	.228				
*** Sample ID: 22					Seq: 60	16:23:44	13 Sep 06	HG
					248475-008S			
Hg	.250	ppb	.000	.250				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: 23								
								Seq: 61 16:25:56 13 Sep 06 HG
								CCVM06HSTK010
Hg	1.00	ppb	.000	1.00	100.0			
*** Sample ID: 24								
								Seq: 62 16:28:08 13 Sep 06 HG
								CCB
Hg	.017	ppb	.000	.017				
*** Sample ID: 25								
								Seq: 63 16:30:23 13 Sep 06 HG
								248475-009S
Hg	.350	ppb	.000	.350				
*** Sample ID: 26								
								Seq: 64 16:32:36 13 Sep 06 HG
								248475-010S
Hg	.277	ppb	.000	.277				
*** Sample ID: 27								
								Seq: 65 16:34:48 13 Sep 06 HG
								248475-012S
Hg	.258	ppb	.000	.258				
*** Sample ID: 28								
								Seq: 66 16:37:00 13 Sep 06 HG
								248531-001S
Hg	.239	ppb	.000	.239				
*** Sample ID: 29								
								Seq: 67 16:39:12 13 Sep 06 HG
								248531-002S
Hg	.065	ppb	.000	.065				
*** Sample ID: 30								
								Seq: 68 16:41:25 13 Sep 06 HG
								248531-003S
Hg	2.02	ppb	.000	2.02				
*** Sample ID: 31								
								Seq: 69 16:43:41 13 Sep 06 HG
								248531-004S
Hg	34.2	H ppb	.000	34.2				
*** Sample ID: 32								
								Seq: 70 16:46:36 13 Sep 06 HG
								248531-005S
Hg	1.87	ppb	.000	1.87				
*** Sample ID: 33								
								Seq: 71 16:48:49 13 Sep 06 HG
								CCVM06HSTK010
Hg	.964	ppb	.000	.964	96.4			
*** Sample ID: 34								
								Seq: 72 16:51:09 13 Sep 06 HG
								CCB
Hg	.018	ppb	.000	.018				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: 35					Seq: 73	16:54:01	13 Sep 06	HG
				248463-001S	10			
Hg	1.20	ppb	.000	1.20				
*** Sample ID: 36					Seq: 74	16:56:08	13 Sep 06	HG
				248463-001S-MD	10			
Hg	1.21	ppb	.000	1.21				
*** Sample ID: 37					Seq: 75	16:58:19	13 Sep 06	HG
				248463-001S-MS	10			
Hg	1.34	ppb	.000	1.34				
*** Sample ID: 38					Seq: 76	17:00:28	13 Sep 06	HG
				248463-001S-MSD	10			
Hg	1.33	ppb	.000	1.33				
*** Sample ID: 39					Seq: 77	17:02:36	13 Sep 06	HG
				248463-003S	5			
Hg	1.13	ppb	.000	1.13				
*** Sample ID: 40					Seq: 78	17:04:44	13 Sep 06	HG
				248463-005S	5			
Hg	1.18	ppb	.000	1.18				
*** Sample ID: 41					Seq: 79	17:06:51	13 Sep 06	HG
				248531-004S	10			
Hg	3.91	ppb	.000	3.91				
*** Sample ID: 42					Seq: 80	17:09:12	13 Sep 06	HG
				CCVM06HSTK010				
Hg	.992	ppb	.000	.992				99.2%
*** Sample ID: 43					Seq: 81	17:11:24	13 Sep 06	HG
				CCB				
Hg	.043	ppb	.000	.043				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1				Seq: 1		14:12:55	13 Sep 06	HG
Hg	.000	ppb	2595					
*** Standard: 2 Rep: 1				Seq: 2		14:15:04	13 Sep 06	HG
Hg	.200	ppb	14374					
*** Standard: 3 Rep: 1				Seq: 3		14:17:15	13 Sep 06	HG
Hg	.500	ppb	30462					
*** Standard: 4 Rep: 1				Seq: 4		14:19:25	13 Sep 06	HG
Hg	1.00	ppb	57921					
*** Standard: 5 Rep: 1				Seq: 5		14:21:35	13 Sep 06	HG
Hg	3.00	ppb	158019					
*** Standard: 6 Rep: 1				Seq: 6		14:23:54	13 Sep 06	HG
Hg	5.00	ppb	264043					
*** Sample ID: 01				Seq: 7		14:26:23	13 Sep 06	HG
				ICVM06HSTK010				
Hg	1.95	ppb	105157					
*** Sample ID: 02				Seq: 8		14:28:40	13 Sep 06	HG
				ICB				
Hg	.005	ppb	4228					
*** Sample ID: 03				Seq: 9		14:30:46	13 Sep 06	HG
				CRAM05LSTK001				
Hg	.225	ppb	15642					
*** Sample ID: 04				Seq: 10		14:32:51	13 Sep 06	HG
				MB				
Hg	.042	ppb	6161					
*** Sample ID: 05				Seq: 11		14:34:56	13 Sep 06	HG
				LCSM06HSTK010				
Hg	2.07	ppb	111351					

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: 06								
					Seq: 12	14:37:12	13 Sep 06	HG
					248444-001S			
Hg	.536	ppb	31782					=
*** Sample ID: 07								
					Seq: 13	14:39:19	13 Sep 06	HG
					248444-002S			
Hg	.407	ppb	25131					=
*** Sample ID: 08								
					Seq: 14	14:41:24	13 Sep 06	HG
					248444-003S			
Hg	.466	ppb	28198					=
*** Sample ID: 09								
					Seq: 15	14:43:32	13 Sep 06	HG
					248444-004S			
Hg	.342	ppb	21748					=
*** Sample ID: 10								
					Seq: 16	14:45:38	13 Sep 06	HG
					248444-005S			
Hg	.183	ppb	13495					=
*** Sample ID: 11								
					Seq: 17	14:47:44	13 Sep 06	HG
					CCVM06HSTK010			
Hg	1.07	ppb	59615					=
*** Sample ID: 12								
					Seq: 18	14:49:52	13 Sep 06	HG
					CCB			
Hg	-.015	L ppb	3196					=
*** Sample ID: 13								
					Seq: 19	14:51:57	13 Sep 06	HG
					248500-001S			
Hg	.252	ppb	17074					=
*** Sample ID: 14								
					Seq: 20	14:54:02	13 Sep 06	HG
					248500-002S			
Hg	.318	ppb	20509					=
*** Sample ID: 15								
					Seq: 21	14:56:06	13 Sep 06	HG
					248500-003S			
Hg	8.82	H ppb	461559					=

Protocol: MERCURY

\*\*\*POST-RUN REPORT\*\*\*

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: 16					Seq: 22	14:58:33	13 Sep 06	HG
					248500-004S			
Hg	.019	ppb	4946					=
*** Sample ID: 17					Seq: 23	15:00:38	13 Sep 06	HG
					248500-005S			
Hg	.441	ppb	26899					=
*** Sample ID: 18					Seq: 24	15:02:42	13 Sep 06	HG
					248500-006S			
Hg	.485	ppb	29141					=
*** Sample ID: 19					Seq: 25	15:04:51	13 Sep 06	HG
					248500-007S			
Hg	.010	ppb	4492					=
*** Sample ID: 20					Seq: 26	15:06:56	13 Sep 06	HG
					248500-007S-MD			
Hg	.007	ppb	4325					=
*** Sample ID: 21					Seq: 27	15:09:02	13 Sep 06	HG
					248500-007S-MS			
Hg	.976	ppb	54644					=
*** Sample ID: 22					Seq: 28	15:11:10	13 Sep 06	HG
					248500-007S-MSD			
Hg	.966	ppb	54149					=
*** Sample ID: 23					Seq: 29	15:13:18	13 Sep 06	HG
					CCVM06HSTK010			
Hg	1.09	ppb	60552					=
*** Sample ID: 24					Seq: 30	15:15:24	13 Sep 06	HG
					CCB			
Hg	-.003	L ppb	3851					=
*** Sample ID: 25					Seq: 31	15:17:30	13 Sep 06	HG
					248507-001S			
Hg	.293	ppb	19219					=

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: 26					Seq: 32	15:19:35	13 Sep 06	HG
Hg	.512	ppb	30580		248507-002S			=
*** Sample ID: 27					Seq: 33	15:21:41	13 Sep 06	HG
Hg	3.77	ppb	199447		248508-002S			=
*** Sample ID: 28					Seq: 34	15:24:07	13 Sep 06	HG
Hg	3.90	ppb	206676		248508-003S			=
*** Sample ID: 29					Seq: 35	15:26:25	13 Sep 06	HG
Hg	.298	ppb	19438		248532-001S			=
*** Sample ID: 30					Seq: 36	15:28:32	13 Sep 06	HG
Hg	1.75	ppb	94866		248532-002S			=
*** Sample ID: 31					Seq: 37	15:30:42	13 Sep 06	HG
Hg	.923	ppb	51876		248532-003S			=
*** Sample ID: 32					Seq: 38	15:32:56	13 Sep 06	HG
Hg	.877	ppb	49510		248581-023S			=
*** Sample ID: 33					Seq: 39	15:35:13	13 Sep 06	HG
Hg	1.76	ppb	95233		248500-003S 5			=
*** Sample ID: 34					Seq: 40	15:37:26	13 Sep 06	HG
Hg	.977	ppb	54704		CCVM06HSTK010			=
*** Sample ID: 35					Seq: 41	15:39:36	13 Sep 06	HG
Hg	-.015	L ppb	3220		CCB			=

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: 04					Seq: 42	15:41:44	13 Sep 06	HG
Hg	.018	ppb	4921	MB				=
*** Sample ID: 05					Seq: 43	15:43:53	13 Sep 06	HG
Hg	2.04	ppb	109850	LCSM06HSTK010				=
*** Sample ID: 06					Seq: 44	15:46:06	13 Sep 06	HG
Hg	11.9	H ppb	623228	248463-001S				=
*** Sample ID: 07					Seq: 45	15:48:47	13 Sep 06	HG
Hg	12.4	H ppb	649780	248463-001S-MD				=
*** Sample ID: 08					Seq: 46	15:51:26	13 Sep 06	HG
Hg	13.1	H ppb	684041	248463-001S-MS				=
*** Sample ID: 09					Seq: 47	15:54:07	13 Sep 06	HG
Hg	10.9	H ppb	572104	248463-001S-MSD				=
*** Sample ID: 10					Seq: 48	15:56:47	13 Sep 06	HG
Hg	.173	ppb	12956	248463-002S				=
*** Sample ID: 11					Seq: 49	15:58:58	13 Sep 06	HG
Hg	.995	ppb	55637	CCVM06HSTK010				=
*** Sample ID: 12					Seq: 50	16:01:12	13 Sep 06	HG
Hg	-.006	L ppb	3657	CCB				=
*** Sample ID: 13					Seq: 51	16:03:22	13 Sep 06	HG
Hg	5.47	H ppb	288177	248463-003S				=



Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: 14					Seq: 52	16:05:57	13 Sep 06	HG
				248463-004S				
Hg	.306	ppb	19889					=
*** Sample ID: 15					Seq: 53	16:08:07	13 Sep 06	HG
				248463-005S				
Hg	5.98	H ppb	314413					=
*** Sample ID: 16					Seq: 54	16:10:28	13 Sep 06	HG
				248463-006S				
Hg	4.26	ppb	225237					=
*** Sample ID: 17					Seq: 55	16:12:49	13 Sep 06	HG
				248475-003S				
Hg	.238	ppb	16330					=
*** Sample ID: 18					Seq: 56	16:14:59	13 Sep 06	HG
				248475-004S				
Hg	.178	ppb	13229					=
*** Sample ID: 19					Seq: 57	16:17:10	13 Sep 06	HG
				248475-005S				
Hg	.194	ppb	14080					=
*** Sample ID: 20					Seq: 58	16:19:21	13 Sep 06	HG
				248475-006S				
Hg	.275	ppb	18250					=
*** Sample ID: 21					Seq: 59	16:21:32	13 Sep 06	HG
				248475-007S				
Hg	.228	ppb	15843					=
*** Sample ID: 22					Seq: 60	16:23:44	13 Sep 06	HG
				248475-008S				
Hg	.250	ppb	16936					=
*** Sample ID: 23					Seq: 61	16:25:56	13 Sep 06	HG
				CCVM06HSTK010				
Hg	1.00	ppb	55916					=

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: 24					Seq: 62	16:28:08	13 Sep 06	HG
Hg	.017	ppb	4871	CCB				=
*** Sample ID: 25					Seq: 63	16:30:23	13 Sep 06	HG
Hg	.350	ppb	22147	248475-009S				=
*** Sample ID: 26					Seq: 64	16:32:36	13 Sep 06	HG
Hg	.277	ppb	18348	248475-010S				=
*** Sample ID: 27					Seq: 65	16:34:48	13 Sep 06	HG
Hg	.258	ppb	17384	248475-012S				=
*** Sample ID: 28					Seq: 66	16:37:00	13 Sep 06	HG
Hg	.239	ppb	16416	248531-001S				=
*** Sample ID: 29					Seq: 67	16:39:12	13 Sep 06	HG
Hg	.065	ppb	7371	248531-002S				=
*** Sample ID: 30					Seq: 68	16:41:25	13 Sep 06	HG
Hg	2.02	ppb	108921	248531-003S				=
*** Sample ID: 31					Seq: 69	16:43:41	13 Sep 06	HG
Hg	34.2	H ppb	1777406	248531-004S				=
*** Sample ID: 32					Seq: 70	16:46:36	13 Sep 06	HG
Hg	1.87	ppb	101025	248531-005S				=
*** Sample ID: 33					Seq: 71	16:48:49	13 Sep 06	HG
Hg	.964	ppb	54042	CCVM06HSTK010				=

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: 34					Seq: 72	16:51:09	13 Sep 06	HG
Hg	.018	ppb	4920	CCB				
*** Sample ID: 35					Seq: 73	16:54:01	13 Sep 06	HG
Hg	1.20	ppb	66202	248463-001S	10			
*** Sample ID: 36					Seq: 74	16:56:08	13 Sep 06	HG
Hg	1.21	ppb	66672	248463-001S-MD	10			
*** Sample ID: 37					Seq: 75	16:58:19	13 Sep 06	HG
Hg	1.34	ppb	73403	248463-001S-MS	10			
*** Sample ID: 38					Seq: 76	17:00:28	13 Sep 06	HG
Hg	1.33	ppb	73265	248463-001S-MSD	10			
*** Sample ID: 39					Seq: 77	17:02:36	13 Sep 06	HG
Hg	1.13	ppb	62693	248463-003S	5			
*** Sample ID: 40					Seq: 78	17:04:44	13 Sep 06	HG
Hg	1.18	ppb	65054	248463-005S	5			
*** Sample ID: 41					Seq: 79	17:06:51	13 Sep 06	HG
Hg	3.91	ppb	206760	248531-004S	10			
*** Sample ID: 42					Seq: 80	17:09:12	13 Sep 06	HG
Hg	.992	ppb	55480	CCVM06HSTK010				
*** Sample ID: 43					Seq: 81	17:11:24	13 Sep 06	HG
Hg	.043	ppb	6223	CCB				

# **DIGESTION INFORMATION**

% Solids Determination

Report Date: 9/15/06 11:11

Method Code...: SOLIDS	Batch Date...: 09/08/06	QC Code.....: SOLID	Equipment Code..:
Batch Code...: 188859	Batch Time...: 1152	Calc Code.....: %SOL	Import Code.....:
Status.....: RVWD	User Name....: lp	Location Code..: 57222	

BATCH:	Item	Description	Description Information
	1	Comments	balance 975
	2	Comments	oven 776
	3	Comments	temp in 105
	4	Comments	temp out 105

SAMPLE:	Grp	Pos	Sample ID	Dilution	%SOLID %	IWGT g	FWGT g	DRYWT g	WETWT g
	1	1	__S_MB__		0.0	9.8296	0.0022	1.2830	11.1104
	1	2	248530_1_S__		95.1	9.7580	9.2839	10.5342	11.0083
	1	3	248530_2_S__		79.7	10.0730	8.0255	9.2968	11.3443
	1	4	248530_3_S__		88.2	10.1601	8.9588	10.2253	11.4266
	1	5	248530_4_S__		78.9	10.4117	8.2177	9.5044	11.6984
	1	6	248530_4_S_MD__5		78.7	10.0764	7.9304	9.2184	11.3644
	1	7	248530_5_S__		86.6	10.3081	8.9289	10.2047	11.5839
	1	8	248530_6_S__		76.6	10.1621	7.7869	9.0734	11.4486
	1	9	248531_21_S__		80.1	10.4477	8.3685	9.6451	11.7243
	1	10	248531_22_S__		81.9	9.9782	8.1692	9.4539	11.2629
	1	11	248531_23_S__		77.9	10.3843	8.0876	9.3558	11.6525
	1	12	248531_24_S__		74.6	10.4547	7.8043	9.0737	11.7241
	1	13	248531_25_S__		77.4	10.2111	7.9054	9.1956	11.5013
	1	14	248531_26_S__		79.8	10.5795	8.4474	9.7360	11.8681
	1	15	248531_27_S__		78.4	10.5580	8.2825	9.5418	11.8173
	1	16	248539_1_S__		2.5	10.3581	0.2610	1.5178	11.6149
	1	17	248545_1_S__		76.1	9.9502	7.5688	8.8357	11.2171
	1	18	248545_2_S__		76.0	10.4624	7.9495	9.2352	11.7481
	1	19	248545_3_S__		75.4	10.3413	7.7934	9.0550	11.6029
	1	20	248545_4_S__		77.4	10.1728	7.8788	9.1422	11.4362
	1	21	248545_5_S__		74.4	10.3159	7.6767	8.9357	11.5749

SAMPLE:	Grp	Pos	Sample ID	Dilution	TARE g	ASHWT g	FASHWT g
	1	1	__S_MB__		1.2808		-1.2808
	1	2	248530_1_S__		1.2503		
	1	3	248530_2_S__		1.2713		
	1	4	248530_3_S__		1.2665		

% Solids Determination

Report Date: 9/15/06 11:11

Method Code...: SOLIDS		Batch Date...: 09/08/06		QC Code.....: SOLID		Equipment Code.:	
Batch Code...: 188859		Batch Time...: 1152		Calc Code.....: %SOL		Import Code.....:	
Status.....: RVWD		User Name....: lp		Location Code..: 57222			
SAMPLE:	Grp Pos	Sample ID	Dilution	TARE g	ASHWT g	FASHWT g	
	1 5	248530_4_s__		1.2867			
	1 6	248530_4_s_MD_5		1.2880			
	1 7	248530_5_s__		1.2758			
	1 8	248530_6_s__		1.2865			
	1 9	248531_21_s__		1.2766			
	1 10	248531_22_s__		1.2847			
	1 11	248531_23_s__		1.2682			
	1 12	248531_24_s__		1.2694			
	1 13	248531_25_s__		1.2902			
	1 14	248531_26_s__		1.2886			
	1 15	248531_27_s__		1.2593			
	1 16	248539_1_s__		1.2568			
	1 17	248545_1_s__		1.2669			
	1 18	248545_2_s__		1.2857			
	1 19	248545_3_s__		1.2616			
	1 20	248545_4_s__		1.2634			
	1 21	248545_5_s__		1.2590			

% Solids Determination

Report Date: 9/15/06 11:11

Method Code...: SOLIDS	Batch Date...: 09/09/06	QC Code.....: SOLID	Equipment Code.:
Batch Code...: 188899	Batch Time...: 1817	Calc Code.....: %SOL	Import Code....:
Status.....: RVWD	User Name....: cib	Location Code..: 57222	

BATCH:	Item	Description	Description Information
	1	Comments	start temp: 105
	2	Comments	end temp: 105
	3	Comments	balance: 975
	4	Comments	oven: 776

SAMPLE:	Grp	Pos	Sample ID	Dilution	%SOLID %	IWGT g	FWGT g	DRYWT g	WETWT g
	1	1	__S_MB__		0.0	8.8646	0.0020	1.2714	10.1340
	1	2	248531_1_s__		92.2	10.1462	9.3527	10.6190	11.4125
	1	3	248531_1_s_MD_2		92.9	8.7536	8.1320	9.3943	10.0159
	1	4	248531_2_s__		82.0	9.6814	7.9349	9.2004	10.9469
	1	5	248531_3_s__		75.9	9.7113	7.3668	8.6319	10.9764
	1	6	248531_4_s__		83.9	8.9561	7.5166	8.7718	10.2113
	1	7	248531_5_s__		83.1	9.5853	7.9667	9.2171	10.8357
	1	8	248531_6_s__		81.4	9.2255	7.5108	8.7572	10.4719
	1	9	248531_7_s__		82.3	8.9067	7.3322	8.5744	10.1489
	1	10	248531_8_s__		96.9	9.4472	9.1575	10.4482	10.7379
	1	11	248531_9_s__		79.2	8.9986	7.1229	8.4110	10.2867
	1	12	248531_10_s__		88.5	8.7520	7.7495	9.0292	10.0317
	1	13	248531_11_s__		80.2	8.9708	7.1931	8.4734	10.2511
	1	14	248531_12_s__		88.4	9.1348	8.0780	9.3525	10.4093
	1	15	248531_13_s__		85.4	9.2677	7.9130	9.1876	10.5423
	1	16	248531_14_s__		83.7	9.4887	7.9459	9.2168	10.7596
	1	17	248531_15_s__		79.9	9.0293	7.2118	8.4762	10.2937
	1	18	248531_16_s__		78.9	9.0337	7.1246	8.3866	10.2957
	1	19	248531_17_s__		85.8	9.5717	8.2153	9.4660	10.8224
	1	20	248531_18_s__		86.8	9.2252	8.0076	9.2559	10.4735
	1	21	248531_19_s__		78.8	9.2167	7.2665	8.5136	10.4638
	1	22	248531_20_s__		81.1	9.6211	7.8032	9.0512	10.8691

SAMPLE:	Grp	Pos	Sample ID	Dilution	TARE g	ASHWT g	FASHWT g
	1	1	__S_MB__		1.2694		
	1	2	248531_1_s__		1.2663		
	1	3	248531_1_s_MD_2		1.2623		

% Solids Determination

Report Date: 9/15/06 11:11

Method Code..: SOLIDS		Batch Date...: 09/09/06		QC Code.....: SOLID		Equipment Code..:	
Batch Code...: 188899		Batch Time...: 1817		Calc Code.....: %SOL		Import Code.....:	
Status.....: RVWD		User Name....: clb		Location Code..: 57222			
SAMPLE:	Grp Pos	Sample ID	Dilution	TARE g	ASHWT g	FASHWT g	
	1 4	248531_2_s__		1.2655			
	1 5	248531_3_s__		1.2651			
	1 6	248531_4_s__		1.2552			
	1 7	248531_5_s__		1.2504			
	1 8	248531_6_s__		1.2464			
	1 9	248531_7_s__		1.2422			
	1 10	248531_8_s__		1.2907			
	1 11	248531_9_s__		1.2881			
	1 12	248531_10_s__		1.2797			
	1 13	248531_11_s__		1.2803			
	1 14	248531_12_s__		1.2745			
	1 15	248531_13_s__		1.2746			
	1 16	248531_14_s__		1.2709			
	1 17	248531_15_s__		1.2644			
	1 18	248531_16_s__		1.2620			
	1 19	248531_17_s__		1.2507			
	1 20	248531_18_s__		1.2483			
	1 21	248531_19_s__		1.2471			
	1 22	248531_20_s__		1.2480			