SEVERN TRENT STL

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SEVERN TRENT LABORATORIES
ANALYTICAL REPORT

JOB NUMBER: 223146

Prepared For:

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

Project: GSA - SLOP - Investigation

Attention: David Brewer

Date: 01/28/2004

(b) (6) [redacted]

Signature

1/28/04

Date

Name: Richard C. Wright

Title: Project Manager

E-Mail: rwright@stl-inc.com

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This Report Contains (87) Pages

Severn Trent Laboratories - Chicago
METALS CASE NARRATIVE

Client: SCS Engineers, Inc. Date Rec'd: 12/17/03
Project. GSA - SLOP
STL#: 223146

1. This narrative covers Metals analysis of samples in the above Job 223146.

   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.

7. Laboratory Control Sample (LCS) recoveries were within the 80-120% control limit.

8. Matrix QC performed on Sample 10.

   Serial dilution analysis was within control limits.

   Matrix Spike recovery was within the 75-125% control limits except for Sb (MS/MSD), Mg, Pb (MS) and Mn (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 Ba, Cr, Co and Mn.

(b) (6)

Jodi L. Wojcik
Metals Unit Leader

12-31-03
Date

Severn Trent Laboratories Chicago
GC/MS Case Narrative

SCS Engineers, Inc.
GSA-SLOP-Investigation
Job Number: 223146
VOA DATA:

1. All sample analyses were performed within the method required 14-day hold time from the date of collection.

2. The Method Blank had all target compounds below the reporting limit.

3. The LCS (Laboratory Control Sample) sample had spike recoveries within the in-house generated QC limits.

4. Matrix Spike/Matrix Spike Duplicate analyses were not performed on this sample set.

5. The volatile samples had surrogate recoveries within the in-house generated QC limits.

6. The soil samples were prepared using the low-level soil and high-level Methanol Method 5035. All samples were analyzed following SW846 Method 8260B and 8000B. All of the calibration criteria were met per method or SOP (for minimum R values for certain compounds). The low point in the initial calibration verifies the base reporting limits. The target compounds were quantitated using the initial calibration.

7. Sample 2 had all internal standards outside recovery limits. The sample was reanalyzed with similar results. The original analysis has been reported. All other volatile samples had internal standard areas and retention times within the SOP acceptance limits as compared to the corresponding calibration verification standard.

8. The soil samples were analyzed using the low-level soil method. Sample 8 was reanalyzed and reported using the high-level Methanol analyses due to both low-level analyses having unusable data. The soil results and reporting limits were adjusted to account for the sample weights the analytical procedure and reported on a dry weight basis.

(b) (6)

Jennifer S. O'Gorman
GC/MS VOA Dept.

12-31-3
Date

Severn Trent Laboratories - Chicago
GC/MS BNA Case Narrative

SCS Engineering, Inc./GSA – SLOP - Investigation
Job Number: 223146
BNA DATA:

1. All extractions and analyses were performed within recommended hold times.

2. The MB (Method Blank) had all target compounds below the contract required quantitation limit (CRQL).

3. A full list BNA LCS (Laboratory Control Sample) spike solution was spiked in the LCS. In-house statistical recovery limits and the 11 method control compounds were used for QC evaluation. All control spike recoveries were within the QC limits in the LCS.

4. A MS/MSD (Matrix Spike/Matrix Spike Duplicate) analysis was not performed.

5. The BNA surrogate spike solution was spiked in all samples. All samples had all surrogate recoveries within in-house generated QC limits.

6. All analyses were performed following USEPA SW846 8270C protocol. All samples had internal standard areas and retention times within the acceptance limits as compared to the corresponding calibration verification standard.

7. The samples were extracted and analyzed as low-level soils; therefore, normal detection limits apply. The results are on a dry weight basis.

(b) (6) [redacted]

Gary Rynkar
GC/MS Section Manager

12/30/13
Date

STL Chicago
Extractable Hydrocarbon Case Narrative

SCS Engineering, Inc.
GSA – SLOP - Investigation
Job #: 223146-1 and 11
Diesel Range Organics (DRO)

1. These soil samples were 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 not performed on either sample.

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 these samples were in control.

9. There was a positive detect in sample 223146-1 for DRO and appears to match a typical fuel type pattern that is "heavier" than Diesel fuel.

(b) (6) [redacted]

Patti Gibson
Organics Section Manager

12/30/03
Date

Severn Trent Laboratories Chicago
GC Volatile Case Narrative

SCS Engineers, Inc./GSA-SLOP
JOB# 223146
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) [redacted]

Gary Rynkar
GC/MS Section Manager

12/31/13
Date

STL Chicago
Explosives Case Narrative

SCS Engineers, Inc.
GSA – SLOP - Investigation
Job #: 223146-4, 5, 6, 7, 9, and 10
Explosives

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

ID#	INSTRUMENT	COLUMN TYPE	DETECTOR
35	Agilent 1100	C-18	UV – 254nm

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

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

4. The method blank was below the reporting limit for all target compounds.

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

6. All blank spike recoveries were within statistical control limits.

7. A matrix spike and a matrix spike duplicate were performed on sample 223146-4 (SBSS4). All matrix spike and matrix spike duplicate recoveries were within statistical control limits. All RPDs were <30%.

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

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

(b) (6) [redacted]
Patti Gibson
Organics Section Manager

12/30/03
Date

STL Chicago
PCB Case Narrative

SCS Engineers, Inc.
GSA – SLOP - Investigation
Job #: 223146-1, 2, 3, 8, and 11
PCBs

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

ID#	INSTRUMENT	COLUMN TYPE	DETECTOR
41	HP 6890	Rtx-5	Electron Capture
42	HP 6890	Rtx-35	Electron Capture

2. These soil 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 blank was below the reporting limits for all Aroclors.

5. The surrogate compounds used for this analysis were Decachlorobiphenyl (DCB) and Tetrachloro-m-xylene (TCX). All surrogate recoveries were within statistical control limits except sample 223146-1, which had TCX with 122% recovery and DCB with 133% recovery.

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

7. The blank spike recoveries were within statistical control limits.

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

9. All initial and continuing standard calibrations associated with these samples were in control.

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

(b) (6)

Patti Gibson
Organics Section Manager

12/30/03
Date

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SAMPLE INFORMATION
Date: 01/28/2004

Job Number.: 223146
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
223146-1	SB1-SB4	Soil	12/15/2003	15:40	12/17/2003	12:10
223146-2	SB5	Soil	12/15/2003	16:10	12/17/2003	12:10
223146-3	SB6	Soil	12/16/2003	08:20	12/17/2003	12:10
223146-4	SB7	Soil	12/16/2003	08:55	12/17/2003	12:10
223146-5	SB8-SB9	Soil	12/16/2003	09:45	12/17/2003	12:10
223146-6	SB10	Soil	12/16/2003	12:30	12/17/2003	12:10
223146-7	SB11	Soil	12/16/2003	12:50	12/17/2003	12:10
223146-8	SB12	Soil	12/16/2003	13:20	12/17/2003	12:10
223146-9	SB13-SB14	Soil	12/16/2003	14:10	12/17/2003	12:10
223146-10	SB15-SB16	Soil	12/16/2003	14:45	12/17/2003	12:10
223146-11	SB17	Soil	12/16/2003	16:30	12/17/2003	12:10

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LABORATORY TEST RESULTS

Job Number: 223146

Date:01/28/2004

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

Customer Sample ID: SB1-SB4
Date Sampled.....: 12/15/2003
Time Sampled.....: 15:40
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-1
Date Received.....: 12/17/2003
Time Received.....: 12:10

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*	6.0			2.8	4.5	1.00000	mg/Kg	105778		12/29/03 1321	mgk
Method	% Solids Determination											
	% Solids, Solid	92.6			0.10	0.10	1	%	105796		12/29/03 2140	lmr
	% Moisture, Solid	7.4			0.10	0.10	1	%	105796		12/29/03 2140	lmr
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.1	18	1.00000	ug/Kg	105818		12/29/03 1430	mgk
	Aroclor 1221, Solid*	ND	U		7.2	18	1.00000	ug/Kg	105818		12/29/03 1430	mgk
	Aroclor 1232, Solid*	ND	U		3.2	18	1.00000	ug/Kg	105818		12/29/03 1430	mgk
	Aroclor 1242, Solid*	ND	U		6.8	18	1.00000	ug/Kg	105818		12/29/03 1430	mgk
	Aroclor 1248, Solid*	ND	U		2.5	18	1.00000	ug/Kg	105818		12/29/03 1430	mgk
	Aroclor 1254, Solid*	ND	U		2.9	18	1.00000	ug/Kg	105818		12/29/03 1430	mgk
	Aroclor 1260, Solid*	ND	U		2.7	18	1.00000	ug/Kg	105818		12/29/03 1430	mgk
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.011	B		0.0046	0.018	1	mg/Kg	105685		12/26/03 1524	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	770			2.2	19	1	mg/Kg	105896		12/30/03 0241	tds
	Antimony, Solid*	ND	U		0.84	1.9	1	mg/Kg	105896		12/30/03 0241	tds
	Arsenic, Solid*	0.81	B		0.48	0.94	1	mg/Kg	105896		12/30/03 0241	tds
	Barium, Solid*	20			0.15	0.94	1	mg/Kg	105896		12/30/03 0241	tds
	Beryllium, Solid*	0.047	B		0.041	0.37	1	mg/Kg	105896		12/30/03 0241	tds
	Cadmium, Solid*	0.24			0.075	0.19	1	mg/Kg	105896		12/30/03 0241	tds
	Calcium, Solid*	370000			15	47	5	mg/Kg	106067		12/30/03 1645	tds
	Chromium, Solid*	6.5			0.21	0.94	1	mg/Kg	105896		12/30/03 0241	tds
	Cobalt, Solid*	0.49			0.13	0.47	1	mg/Kg	105896		12/30/03 0241	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223146

Date:01/28/2004

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

Customer Sample ID: SB1-SB4
Date Sampled.....: 12/15/2003
Time Sampled.....: 15:40
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-1
Date Received.....: 12/17/2003
Time Received.....: 12:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Copper, Solid*	6.7			0.84	0.94	1	mg/Kg	105896		12/30/03 0241	tds
	Iron, Solid*	1200			2.8	4.7	1	mg/Kg	105896		12/30/03 0241	tds
	Lead, Solid*	ND	U		2.0	2.3	5	mg/Kg	106067		12/30/03 1645	tds
	Magnesium, Solid*	5100			1.6	9.4	1	mg/Kg	105896		12/30/03 0241	tds
	Manganese, Solid*	46			0.12	0.94	1	mg/Kg	105896		12/30/03 0241	tds
	Nickel, Solid*	4.2			0.23	0.94	1	mg/Kg	105896		12/30/03 0241	tds
	Potassium, Solid*	490			13	47	1	mg/Kg	105896		12/30/03 0241	tds
	Selenium, Solid*	3.1	B		1.9	4.7	5	mg/Kg	106067		12/30/03 1645	tds
	Silver, Solid*	ND	U		0.29	0.47	1	mg/Kg	105896		12/30/03 0241	tds
	Sodium, Solid*	310			81	94	1	mg/Kg	105896		12/30/03 0241	tds
	Thallium, Solid*	0.93	B		0.62	0.94	1	mg/Kg	105896		12/30/03 0241	tds
	Vanadium, Solid*	2.9			0.98	2.3	5	mg/Kg	106067		12/30/03 1645	tds
	Zinc, Solid*	9.1			0.37	1.9	1	mg/Kg	105896		12/30/03 0241	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223146

Date:01/28/2004

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

Customer Sample ID: SB5
Date Sampled.....: 12/15/2003
Time Sampled.....: 16:10
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-2
Date Received.....: 12/17/2003
Time Received.....: 12:10

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	%	105796		12/29/03 2140	lmr
	% Moisture, Solid	19.4			0.10	0.10	1	%	105796		12/29/03 2140	lmr
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.6	21	1.00000	ug/Kg	105818		12/29/03 1505	mgk
	Aroclor 1221, Solid*	ND	U		8.2	21	1.00000	ug/Kg	105818		12/29/03 1505	mgk
	Aroclor 1232, Solid*	ND	U		3.7	21	1.00000	ug/Kg	105818		12/29/03 1505	mgk
	Aroclor 1242, Solid*	ND	U		7.7	21	1.00000	ug/Kg	105818		12/29/03 1505	mgk
	Aroclor 1248, Solid*	ND	U		2.8	21	1.00000	ug/Kg	105818		12/29/03 1505	mgk
	Aroclor 1254, Solid*	ND	U		3.3	21	1.00000	ug/Kg	105818		12/29/03 1505	mgk
	Aroclor 1260, Solid*	ND	U		3.1	21	1.00000	ug/Kg	105818		12/29/03 1505	mgk
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.056			0.0053	0.020	1	mg/Kg	105685		12/26/03 1527	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	9700			2.8	24	1	mg/Kg	105896		12/30/03 0248	tds
	Antimony, Solid*	ND	U		1.1	2.4	1	mg/Kg	105896		12/30/03 0248	tds
	Arsenic, Solid*	3.6			0.60	1.2	1	mg/Kg	105896		12/30/03 0248	tds
	Barium, Solid*	78			0.19	1.2	1	mg/Kg	105896		12/30/03 0248	tds
	Beryllium, Solid*	0.72			0.052	0.47	1	mg/Kg	105896		12/30/03 0248	tds
	Cadmium, Solid*	ND	U		0.095	0.24	1	mg/Kg	105896		12/30/03 0248	tds
	Calcium, Solid*	2100			3.7	12	1	mg/Kg	105896		12/30/03 0248	tds
	Chromium, Solid*	15			0.26	1.2	1	mg/Kg	105896		12/30/03 0248	tds
	Cobalt, Solid*	2.8			0.17	0.59	1	mg/Kg	105896		12/30/03 0248	tds
	Copper, Solid*	9.3			1.1	1.2	1	mg/Kg	105896		12/30/03 0248	tds
	Iron, Solid*	11000			3.6	5.9	1	mg/Kg	105896		12/30/03 0248	tds
	Lead, Solid*	7.3			0.51	0.59	1	mg/Kg	106023		12/30/03 1320	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223146 Date:01/28/2004

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

Customer Sample ID: SB5
Date Sampled.....: 12/15/2003
Time Sampled.....: 16:10
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-2
Date Received.....: 12/17/2003
Time Received.....: 12:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Magnesium, Solid*	1800			2.0	12	1	mg/Kg	105896		12/30/03 0248	tds
	Manganese, Solid*	100			0.15	1.2	1	mg/Kg	105896		12/30/03 0248	tds
	Nickel, Solid*	9.7			0.30	1.2	1	mg/Kg	105896		12/30/03 0248	tds
	Potassium, Solid*	400			16	59	1	mg/Kg	105896		12/30/03 0248	tds
	Selenium, Solid*	ND	U		0.47	1.2	1	mg/Kg	106023		12/30/03 1320	tds
	Silver, Solid*	ND	U		0.37	0.59	1	mg/Kg	105896		12/30/03 0248	tds
	Sodium, Solid*	ND	U		100	120	1	mg/Kg	105896		12/30/03 0248	tds
	Thallium, Solid*	ND	U		0.78	1.2	1	mg/Kg	105896		12/30/03 0248	tds
	Vanadium, Solid*	17			0.25	0.59	1	mg/Kg	106023		12/30/03 1320	tds
	Zinc, Solid*	22			0.47	2.4	1	mg/Kg	105896		12/30/03 0248	tds
8260B	Volatile Organics											
	Dichlorodifluoromethane, Solid*	ND	U		1.0	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	Chloromethane, Solid*	ND	U		1.6	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	Vinyl chloride, Solid*	ND	U		1.6	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	Bromomethane, Solid*	ND	U		1.9	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	Chloroethane, Solid*	ND	U		1.4	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	Trichlorofluoromethane, Solid*	ND	U		2.0	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	1,1-Dichloroethene, Solid*	ND	U		1.9	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	Carbon disulfide, Solid*	ND	U		1.7	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	Acetone, Solid*	15			6.6	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	Methylene chloride, Solid*	ND	U		4.2	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	trans-1,2-Dichloroethene, Solid*	ND	U		1.6	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	Methyl-tert-butyl-ether (MTBE), Solid*	ND	U		1.4	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	1,1-Dichloroethane, Solid*	ND	U		1.4	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	2,2-Dichloropropane, Solid*	ND	U		1.3	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	cis-1,2-Oichloroethene, Solid*	ND	U		1.6	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	2-Butanone (MEK), Solid*	ND	U		5.6	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	Bromochloromethane, Solid*	ND	U		1.6	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 223146

Date:01/28/2004

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

Customer Sample ID: SB5
Date Sampled.....: 12/15/2003
Time Sampled.....: 16:10
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-2
Date Received.....: 12/17/2003
Time Received.....: 12:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Chloroform, Solid*	ND	U		1.6	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	1,1,1-Trichloroethane, Solid*	ND	U		1.6	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	1,1-Dichloropropene, Solid*	ND	U		1.7	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	Carbon tetrachloride, Solid*	ND	U		1.6	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	Benzene, Solid*	ND	U		1.6	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	1,2-Dichloroethane, Solid*	ND	U		1.3	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	Trichloroethene, Solid*	ND	U		1.6	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	1,2-Dichloropropane, Solid*	ND	U		1.4	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	Dibromomethane, Solid*	ND	U		1.6	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	Bromodichloromethane, Solid*	ND	U		1.4	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	cis-1,3-Dichloropropene, Solid*	ND	U		1.3	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	4-Methyl-2-pentanone (MIBK), Solid*	ND	U	*	1.4	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	Toluene, Solid*	ND	U		1.6	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	trans-1,3-Dichloropropene, Solid*	ND	U		1.1	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	1,1,2-Trichloroethane, Solid*	ND	U		1.6	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	Tetrachloroethene, Solid*	ND	U		1.7	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	1,3-Dichloropropane, Solid*	ND	U		1.3	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	2-Hexanone, Solid*	ND	U	*	1.6	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	Dibromochloromethane, Solid*	ND	U		1.1	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	1,2-Dibromoethane (EDB), Solid*	ND	U		1.2	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	Chlorobenzene, Solid*	ND	U		1.6	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	1,1,1,2-Tetrachloroethane, Solid*	ND	U		1.6	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	Ethylbenzene, Solid*	ND	U		1.6	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	m&p-Xylenes, Solid*	ND	U		3.3	14	1.00000	ug/Kg	106043		12/22/03 2230	jso
	o-Xylene, Solid*	ND	U		1.6	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	Styrene, Solid*	ND	U		1.6	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	Bromoform, Solid*	ND	U		1.1	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	Isopropylbenzene, Solid*	ND	U		1.6	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	Bromobenzene, Solid*	ND	U		1.4	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223146 Date:01/28/2004

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

Customer Sample ID: SB5
Date Sampled.....: 12/15/2003
Time Sampled.....: 16:10
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-2
Date Received.....: 12/17/2003
Time Received.....: 12:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	1,1,2,2-Tetrachloroethane, Solid*	ND	U		1.4	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	1,2,3-Trichloropropane, Solid*	ND	U		1.6	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	n-Propylbenzene, Solid*	ND	U		1.9	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	2-Chlorotoluene, Solid*	ND	U		1.9	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	1,3,5-Trimethylbenzene, Solid*	ND	U		1.9	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	4-Chlorotoluene, Solid*	ND	U		1.9	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	tert-Butylbenzene, Solid*	ND	U		1.7	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	1,2,4-Trimethylbenzene, Solid*	ND	U		2.0	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	sec-Butylbenzene, Solid*	ND	U		1.7	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	p-Isopropyltoluene, Solid*	ND	U		1.9	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	n-Butylbenzene, Solid*	ND	U		1.9	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	1,2-Dibromo-3-chloropropane, Solid*	ND	U		1.7	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso
	1,2,3-Trichlorobenzene, Solid*	ND	U		2.2	7.2	1.00000	ug/Kg	106043		12/22/03 2230	jso

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223146

Date:01/28/2004

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

Customer Sample ID: SB6
Date Sampled.....: 12/16/2003
Time Sampled.....: 08:20
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-3
Date Received.....: 12/17/2003
Time Received.....: 12:10

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	%	105796		12/29/03 2140	lmr
	% Moisture, Solid	20.6			0.10	0.10	1	%	105796		12/29/03 2140	lmr
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.6	21	1.00000	ug/Kg	105818		12/29/03 1540	mgk
	Aroclor 1221, Solid*	ND	U		8.3	21	1.00000	ug/Kg	105818		12/29/03 1540	mgk
	Aroclor 1232, Solid*	ND	U		3.7	21	1.00000	ug/Kg	105818		12/29/03 1540	mgk
	Aroclor 1242, Solid*	ND	U		7.8	21	1.00000	ug/Kg	105818		12/29/03 1540	mgk
	Aroclor 1248, Solid*	ND	U		2.8	21	1.00000	ug/Kg	105818		12/29/03 1540	mgk
	Aroclor 1254, Solid*	ND	U		3.3	21	1.00000	ug/Kg	105818		12/29/03 1540	mgk
	Aroclor 1260, Solid*	ND	U		3.1	21	1.00000	ug/Kg	105818		12/29/03 1540	mgk
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.029			0.0054	0.021	1	mg/Kg	105685		12/26/03 1529	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	10000			2.6	22	1	mg/Kg	105896		12/30/03 0254	tds
	Antimony, Solid*	ND	U		0.97	2.2	1	mg/Kg	105896		12/30/03 0254	tds
	Arsenic, Solid*	5.0			0.55	1.1	1	mg/Kg	105896		12/30/03 0254	tds
	Barium, Solid*	72			0.17	1.1	1	mg/Kg	105896		12/30/03 0254	tds
	Beryllium, Solid*	0.78			0.048	0.43	1	mg/Kg	105896		12/30/03 0254	tds
	Cadmium, Solid*	ND	U		0.086	0.22	1	mg/Kg	105896		12/30/03 0254	tds
	Calcium, Solid*	3400			3.4	11	1	mg/Kg	105896		12/30/03 0254	tds
	Chromium, Solid*	17			0.24	1.1	1	mg/Kg	105896		12/30/03 0254	tds
	Cobalt, Solid*	3.3			0.15	0.54	1	mg/Kg	105896		12/30/03 0254	tds
	Copper, Solid*	13			0.97	1.1	1	mg/Kg	105896		12/30/03 0254	tds
	Iron, Solid*	15000			3.2	5.4	1	mg/Kg	105896		12/30/03 0254	tds
	Lead, Solid*	11			0.46	0.54	1	mg/Kg	106023		12/30/03 1327	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223146

Date:01/28/2004

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

Customer Sample ID: SB6
Date Sampled.....: 12/16/2003
Time Sampled.....: 08:20
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-3
Date Received.....: 12/17/2003
Time Received.....: 12:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Magnesium, Solid*	2000			1.8	11	1	mg/Kg	105896		12/30/03 0254	tds
	Manganese, Solid*	180			0.14	1.1	1	mg/Kg	105896		12/30/03 0254	tds
	Nickel, Solid*	10			0.27	1.1	1	mg/Kg	105896		12/30/03 0254	tds
	Potassium, Solid*	470			15	54	1	mg/Kg	105896		12/30/03 0254	tds
	Selenium, Solid*	ND	U		0.43	1.1	1	mg/Kg	106023		12/30/03 1327	tds
	Silver, Solid*	ND	U		0.34	0.54	1	mg/Kg	105896		12/30/03 0254	tds
	Sodium, Solid*	600			94	110	1	mg/Kg	105896		12/30/03 0254	tds
	Thallium, Solid*	ND	U		0.71	1.1	1	mg/Kg	105896		12/30/03 0254	tds
	Vanadium, Solid*	34			0.23	0.54	1	mg/Kg	106023		12/30/03 1327	tds
	Zinc, Solid*	34			0.43	2.2	1	mg/Kg	105896		12/30/03 0254	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223146

Date:01/28/2004

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

Customer Sample ID: SB7
Date Sampled.....: 12/16/2003
Time Sampled.....: 08:55
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-4
Date Received.....: 12/17/2003
Time Received.....: 12:10

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	%	105796		12/29/03 2140	lmr
	% Moisture, Solid	22.0			0.10	0.10	1	%	105796		12/29/03 2140	lmr
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND	U		110	250	1.00000	ug/Kg	105764		12/19/03 1524	san
	RDX, Solid	ND	U		58	100	1.00000	ug/Kg	105764		12/19/03 1524	san
	1,3,5-Trinitrobenzene, Solid	ND	U		17	100	1.00000	ug/Kg	105764		12/19/03 1524	san
	1,3-Dinitrobenzene, Solid	ND	U		18	100	1.00000	ug/Kg	105764		12/19/03 1524	san
	Nitrobenzene, Solid	ND	U		22	100	1.00000	ug/Kg	105764		12/19/03 1524	san
	2,4,6-TNT, Solid	ND	U		34	100	1.00000	ug/Kg	105764		12/19/03 1524	san
	Tetryl, Solid	ND	U		43	200	1.00000	ug/Kg	105764		12/19/03 1524	san
	2,4-Dinitrotoluene, Solid	ND	U		35	100	1.00000	ug/Kg	105764		12/19/03 1524	san
	2,6-Dinitrotoluene, Solid	ND	U		47	200	1.00000	ug/Kg	105764		12/19/03 1524	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		36	200	1.00000	ug/Kg	105764		12/19/03 1524	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		97	200	1.00000	ug/Kg	105764		12/19/03 1524	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	105764		12/19/03 1524	san
	4-Nitrotoluene, Solid	ND	U		46	500	1.00000	ug/Kg	105764		12/19/03 1524	san
	3-Nitrotoluene, Solid	ND	U		50	200	1.00000	ug/Kg	105764		12/19/03 1524	san
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.0089	B		0.0055	0.021	1	mg/Kg	105685		12/26/03 1531	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	12000			2.7	22	1	mg/Kg	105896		12/30/03 0300	tds
	Antimony, Solid*	ND	U		1	2.2	1	mg/Kg	105896		12/30/03 0300	tds
	Arsenic, Solid*	3.0			0.57	1.1	1	mg/Kg	105896		12/30/03 0300	tds
	Barium, Solid*	78			0.18	1.1	1	mg/Kg	105896		12/30/03 0300	tds
	Beryllium, Solid*	1.2			0.049	0.44	1	mg/Kg	105896		12/30/03 0300	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223146

Date:01/28/2004

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

Customer Sample ID: SB7
Date Sampled.....: 12/16/2003
Time Sampled.....: 08:55
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-4
Date Received.....: 12/17/2003
Time Received.....: 12:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Cadmium, Solid*	ND	U		0.089	0.22	1	mg/Kg	105896		12/30/03 0300	tds
	Calcium, Solid*	3400			3.4	11	1	mg/Kg	105896		12/30/03 0300	tds
	Chromium, Solid*	14			0.24	1.1	1	mg/Kg	105896		12/30/03 0300	tds
	Cobalt, Solid*	2.1			0.16	0.55	1	mg/Kg	105896		12/30/03 0300	tds
	Copper, Solid*	9.2			1	1.1	1	mg/Kg	105896		12/30/03 0300	tds
	Iron, Solid*	12000			3.3	5.5	1	mg/Kg	105896		12/30/03 0300	tds
	Lead, Solid*	7.0			0.48	0.55	1	mg/Kg	106023		12/30/03 1334	tds
	Magnesium, Solid*	2100			1.9	11	1	mg/Kg	105896		12/30/03 0300	tds
	Manganese, Solid*	220			0.14	1.1	1	mg/Kg	105896		12/30/03 0300	tds
	Nickel, Solid*	13			0.28	1.1	1	mg/Kg	105896		12/30/03 0300	tds
	Potassium, Solid*	400			15	55	1	mg/Kg	105896		12/30/03 0300	tds
	Selenium, Solid*	ND	U		0.44	1.1	1	mg/Kg	106023		12/30/03 1334	tds
	Silver, Solid*	ND	U		0.34	0.55	1	mg/Kg	105896		12/30/03 0300	tds
	Sodium, Solid*	ND	U		96	110	1	mg/Kg	105896		12/30/03 0300	tds
	Thallium, Solid*	ND	U		0.73	1.1	1	mg/Kg	105896		12/30/03 0300	tds
	Vanadium, Solid*	20			0.23	0.55	1	mg/Kg	106023		12/30/03 1334	tds
	Zinc, Solid*	17			0.44	2.2	1	mg/Kg	105896		12/30/03 0300	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223146

Date:01/28/2004

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

Customer Sample ID: SB8-SB9
Date Sampled.....: 12/16/2003
Time Sampled.....: 09:45
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-5
Date Received.....: 12/17/2003
Time Received.....: 12:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	87.2			0.10	0.10	1	%	105796		12/29/03 2140	lmr
	% Moisture, Solid	12.8			0.10	0.10	1	%	105796		12/29/03 2140	lmr
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND	U		110	250	1.00000	ug/Kg	105764		12/19/03 1702	san
	RDX, Solid	ND	U		59	100	1.00000	ug/Kg	105764		12/19/03 1702	san
	1,3,5-Trinitrobenzene, Solid	ND	U		18	100	1.00000	ug/Kg	105764		12/19/03 1702	san
	1,3-Dinitrobenzene, Solid	ND	U		18	100	1.00000	ug/Kg	105764		12/19/03 1702	san
	Nitrobenzene, Solid	ND	U		22	100	1.00000	ug/Kg	105764		12/19/03 1702	san
	2,4,6-TNT, Solid	ND	U		34	100	1.00000	ug/Kg	105764		12/19/03 1702	san
	Tetryl, Solid	ND	U		43	200	1.00000	ug/Kg	105764		12/19/03 1702	san
	2,4-Dinitrotoluene, Solid	ND	U		36	100	1.00000	ug/Kg	105764		12/19/03 1702	san
	2,6-Dinitrotoluene, Solid	ND	U		48	200	1.00000	ug/Kg	105764		12/19/03 1702	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		36	200	1.00000	ug/Kg	105764		12/19/03 1702	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		97	200	1.00000	ug/Kg	105764		12/19/03 1702	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	105764		12/19/03 1702	san
	4-Nitrotoluene, Solid	ND	U		47	500	1.00000	ug/Kg	105764		12/19/03 1702	san
	3-Nitrotoluene, Solid	ND	U		50	200	1.00000	ug/Kg	105764		12/19/03 1702	san
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.019			0.0049	0.019	1	mg/Kg	105685		12/26/03 1533	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	10000			2.7	23	1	mg/Kg	105896		12/30/03 0306	tds
	Antimony, Solid*	ND	U		1.0	2.3	1	mg/Kg	105896		12/30/03 0306	tds
	Arsenic, Solid*	5.0			0.58	1.1	1	mg/Kg	105896		12/30/03 0306	tds
	Barium, Solid*	93			0.18	1.1	1	mg/Kg	105896		12/30/03 0306	tds
	Beryllium, Solid*	0.76			0.050	0.45	1	mg/Kg	105896		12/30/03 0306	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223146

Date:01/28/2004

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

Customer Sample ID: SB8-SB9
Date Sampled.....: 12/16/2003
Time Sampled.....: 09:45
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-5
Date Received.....: 12/17/2003
Time Received.....: 12:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Cadmium, Solid*	0.10	B		0.091	0.23	1	mg/Kg	105896		12/30/03 0306	tds
	Calcium, Solid*	23000			3.5	11	1	mg/Kg	105896		12/30/03 0306	tds
	Chromium, Solid*	18			0.25	1.1	1	mg/Kg	105896		12/30/03 0306	tds
	Cobalt, Solid*	6.8			0.16	0.57	1	mg/Kg	105896		12/30/03 0306	tds
	Copper, Solid*	12			1.0	1.1	1	mg/Kg	105896		12/30/03 0306	tds
	Iron, Solid*	15000			3.4	5.7	1	mg/Kg	105896		12/30/03 0306	tds
	Lead, Solid*	48			0.49	0.57	1	mg/Kg	106023		12/30/03 1340	tds
	Magnesium, Solid*	6300			1.9	11	1	mg/Kg	105896		12/30/03 0306	tds
	Manganese, Solid*	450			0.15	1.1	1	mg/Kg	105896		12/30/03 0306	tds
	Nickel, Solid*	12			0.28	1.1	1	mg/Kg	105896		12/30/03 0306	tds
	Potassium, Solid*	840			16	57	1	mg/Kg	105896		12/30/03 0306	tds
	Selenium, Solid*	ND	U		0.45	1.1	1	mg/Kg	106023		12/30/03 1340	tds
	Silver, Solid*	ND	U		0.35	0.57	1	mg/Kg	105896		12/30/03 0306	tds
	Sodium, Solid*	1000			98	110	1	mg/Kg	105896		12/30/03 0306	tds
	Thallium, Solid*	ND	U		0.75	1.1	1	mg/Kg	105896		12/30/03 0306	tds
	Vanadium, Solid*	26			0.24	0.57	1	mg/Kg	106023		12/30/03 1340	tds
	Zinc, Solid*	35			0.45	2.3	1	mg/Kg	105896		12/30/03 0306	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223146

Date:01/28/2004

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

Customer Sample ID: SB10
Date Sampled.....: 12/16/2003
Time Sampled.....: 12:30
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-6
Date Received.....: 12/17/2003
Time Received.....: 12:10

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	%	105796		12/29/03 2140	lmr
	% Moisture, Solid	18.0			0.10	0.10	1	%	105796		12/29/03 2140	lmr
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND	U		110	240	1.00000	ug/Kg	105764		12/19/03 1734	san
	RDX, Solid	ND	U		57	98	1.00000	ug/Kg	105764		12/19/03 1734	san
	1,3,5-Trinitrobenzene, Solid	ND	U		17	98	1.00000	ug/Kg	105764		12/19/03 1734	san
	1,3-Dinitrobenzene, Solid	ND	U		17	98	1.00000	ug/Kg	105764		12/19/03 1734	san
	Nitrobenzene, Solid	ND	U		22	98	1.00000	ug/Kg	105764		12/19/03 1734	san
	2,4,6-TNT, Solid	ND	U		33	98	1.00000	ug/Kg	105764		12/19/03 1734	san
	Tetryl, Solid	ND	U		42	200	1.00000	ug/Kg	105764		12/19/03 1734	san
	2,4-Dinitrotoluene, Solid	ND	U		35	98	1.00000	ug/Kg	105764		12/19/03 1734	san
	2,6-Dinitrotoluene, Solid	ND	U		46	200	1.00000	ug/Kg	105764		12/19/03 1734	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		35	200	1.00000	ug/Kg	105764		12/19/03 1734	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		95	200	1.00000	ug/Kg	105764		12/19/03 1734	san
	2-Nitrotoluene, Solid	ND	U		32	200	1.00000	ug/Kg	105764		12/19/03 1734	san
	4-Nitrotoluene, Solid	ND	U		45	490	1.00000	ug/Kg	105764		12/19/03 1734	san
	3-Nitrotoluene, Solid	ND	U		49	200	1.00000	ug/Kg	105764		12/19/03 1734	san
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.024			0.0052	0.020	1	mg/Kg	105685		12/26/03 1539	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	11000			2.7	22	1	mg/Kg	105896		12/30/03 0312	tds
	Antimony, Solid*	ND	U		1.0	2.2	1	mg/Kg	105896		12/30/03 0312	tds
	Arsenic, Solid*	3.8			0.57	1.1	1	mg/Kg	105896		12/30/03 0312	tds
	Barium, Solid*	44			0.18	1.1	1	mg/Kg	105896		12/30/03 0312	tds
	Beryllium, Solid*	0.67			0.049	0.45	1	mg/Kg	105896		12/30/03 0312	tds

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 223146

Date:01/28/2004

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

Customer Sample ID: SB10
Date Sampled.....: 12/16/2003
Time Sampled.....: 12:30
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-6
Date Received.....: 12/17/2003
Time Received.....: 12:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Cadmium, Solid*	ND	U		0.090	0.22	1	mg/Kg	105896		12/30/03 0312	tds
	Calcium, Solid*	2200			3.5	11	1	mg/Kg	105896		12/30/03 0312	tds
	Chromium, Solid*	16			0.25	1.1	1	mg/Kg	105896		12/30/03 0312	tds
	Cobalt, Solid*	4.1			0.16	0.56	1	mg/Kg	105896		12/30/03 0312	tds
	Copper, Solid*	9.5			1.0	1.1	1	mg/Kg	105896		12/30/03 0312	tds
	Iron, Solid*	12000			3.4	5.6	1	mg/Kg	105896		12/30/03 0312	tds
	Lead, Solid*	7.0			0.48	0.56	1	mg/Kg	106023		12/30/03 1347	tds
	Magnesium, Solid*	1700			1.9	11	1	mg/Kg	105896		12/30/03 0312	tds
	Manganese, Solid*	170			0.15	1.1	1	mg/Kg	105896		12/30/03 0312	tds
	Nickel, Solid*	9.3			0.28	1.1	1	mg/Kg	105896		12/30/03 0312	tds
	Potassium, Solid*	390			15	56	1	mg/Kg	105896		12/30/03 0312	tds
	Selenium, Solid*	ND	U		0.45	1.1	1	mg/Kg	106023		12/30/03 1347	tds
	Silver, Solid*	ND	U		0.35	0.56	1	mg/Kg	105896		12/30/03 0312	tds
	Sodium, Solid*	120			97	110	1	mg/Kg	105896		12/30/03 0312	tds
	Thallium, Solid*	ND	U		0.74	1.1	1	mg/Kg	105896		12/30/03 0312	tds
	Vanadium, Solid*	26			0.23	0.56	1	mg/Kg	106023		12/30/03 1347	tds
	Zinc, Solid*	24			0.45	2.2	1	mg/Kg	105896		12/30/03 0312	tds

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 223146 Date:01/28/2004

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

Customer Sample ID: SB11
Date Sampled.....: 12/16/2003
Time Sampled.....: 12:50
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-7
Date Received.....: 12/17/2003
Time Received.....: 12:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	93.9			0.10	0.10	1	%	105796		12/29/03 2140	lmr
	% Moisture, Solid	6.1			0.10	0.10	1	%	105796		12/29/03 2140	lmr
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND	U		110	250	1.00000	ug/Kg	105764		12/19/03 1807	san
	RDX, Solid	ND	U		59	100	1.00000	ug/Kg	105764		12/19/03 1807	san
	1,3,5-Trinitrobenzene, Solid	ND	U		18	100	1.00000	ug/Kg	105764		12/19/03 1807	san
	1,3-Dinitrobenzene, Solid	ND	U		18	100	1.00000	ug/Kg	105764		12/19/03 1807	san
	Nitrobenzene, Solid	ND	U		22	100	1.00000	ug/Kg	105764		12/19/03 1807	san
	2,4,6-TNT, Solid	ND	U		34	100	1.00000	ug/Kg	105764		12/19/03 1807	san
	Tetryl, Solid	ND	U		43	200	1.00000	ug/Kg	105764		12/19/03 1807	san
	2,4-Dinitrotoluene, Solid	ND	U		36	100	1.00000	ug/Kg	105764		12/19/03 1807	san
	2,6-Dinitrotoluene, Solid	ND	U		48	200	1.00000	ug/Kg	105764		12/19/03 1807	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		36	200	1.00000	ug/Kg	105764		12/19/03 1807	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		97	200	1.00000	ug/Kg	105764		12/19/03 1807	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	105764		12/19/03 1807	san
	4-Nitrotoluene, Solid	ND	U		47	500	1.00000	ug/Kg	105764		12/19/03 1807	san
	3-Nitrotoluene, Solid	ND	U		50	200	1.00000	ug/Kg	105764		12/19/03 1807	san
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.0047	B		0.0046	0.018	1	mg/Kg	105685		12/26/03 1541	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	6400			2.5	21	1	mg/Kg	105896		12/30/03 0319	tds
	Antimony, Solid*	ND	U		0.93	2.1	1	mg/Kg	105896		12/30/03 0319	tds
	Arsenic, Solid*	3.7			0.52	1.0	1	mg/Kg	105896		12/30/03 0319	tds
	Barium, Solid*	59			0.16	1.0	1	mg/Kg	105896		12/30/03 0319	tds
	Beryllium, Solid*	0.53			0.045	0.41	1	mg/Kg	105896		12/30/03 0319	tds

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 223146

Date:01/28/2004

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

Customer Sample ID: SB11
Date Sampled.....: 12/16/2003
Time Sampled.....: 12:50
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-7
Date Received.....: 12/17/2003
Time Received.....: 12:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Cadmium, Solid*	ND	U		0.082	0.21	1	mg/Kg	105896		12/30/03 0319	tds
	Calcium, Solid*	23000			3.2	10	1	mg/Kg	105896		12/30/03 0319	tds
	Chromium, Solid*	18			0.23	1.0	1	mg/Kg	105896		12/30/03 0319	tds
	Cobalt, Solid*	4.0			0.14	0.51	1	mg/Kg	105896		12/30/03 0319	tds
	Copper, Solid*	8.4			0.93	1.0	1	mg/Kg	105896		12/30/03 0319	tds
	Iron, Solid*	9100			3.1	5.1	1	mg/Kg	105896		12/30/03 0319	tds
	Lead, Solid*	19			0.44	0.51	1	mg/Kg	106023		12/30/03 1354	tds
	Magnesium, Solid*	1700			1.7	10	1	mg/Kg	105896		12/30/03 0319	tds
	Manganese, Solid*	210			0.13	1.0	1	mg/Kg	105896		12/30/03 0319	tds
	Nickel, Solid*	9.1			0.26	1.0	1	mg/Kg	105896		12/30/03 0319	tds
	Potassium, Solid*	550			14	51	1	mg/Kg	105896		12/30/03 0319	tds
	Selenium, Solid*	ND	U		0.41	1.0	1	mg/Kg	106023		12/30/03 1354	tds
	Silver, Solid*	ND	U		0.32	0.51	1	mg/Kg	105896		12/30/03 0319	tds
	Sodium, Solid*	390			89	100	1	mg/Kg	105896		12/30/03 0319	tds
	Thallium, Solid*	ND	U		0.68	1.0	1	mg/Kg	105896		12/30/03 0319	tds
	Vanadium, Solid*	17			0.22	0.51	1	mg/Kg	106023		12/30/03 1354	tds
	Zinc, Solid*	30			0.41	2.1	1	mg/Kg	105896		12/30/03 0319	tds

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 223146

Date:01/28/2004

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

Customer Sample ID: SB12
Date Sampled.....: 12/16/2003
Time Sampled.....: 13:20
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-8
Date Received.....: 12/17/2003
Time Received.....: 12:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Dichlorodifluoromethane, High/Med Level*	ND	U		37	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Chloromethane, High/Med Level*	ND	U		37	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Vinyl chloride, High/Med Level*	ND	U		38	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Bromomethane, High/Med Level*	ND	U		64	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Chloroethane, High/Med Level*	ND	U		56	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Trichlorofluoromethane, High/Med Level*	ND	U		32	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	1,1-Dichloroethene, High/Med Level*	ND	U		43	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Carbon disulfide, High/Med Level*	ND	U		31	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Acetone, High/Med Level*	ND	U		240	290	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Methylene chloride, High/Med Level*	ND	U		130	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	trans-1,2-Dichloroethene, High/Med Level*	ND	U		25	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Methyl-tert-butyl-ether (MTBE), High/Med*Level	ND	U		24	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	1,1-Dichloroethane, High/Med Level*	ND	U		32	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	2,2-Dichloropropane, High/Med Level*	ND	U		28	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	cis-1,2-Dichloroethene, High/Med Level*	ND	U		36	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	2-Butanone (MEK), High/Med Level*	ND	U		62	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Bromochloromethane, High/Med Level*	ND	U		39	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Chloroform, High/Med Level*	ND	U		38	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	1,1,1-Trichloroethane, High/Med Level*	ND	U		34	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	1,1-Dichloropropene, High/Med Level*	ND	U		28	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Carbon tetrachloride, High/Med Level*	ND	U		24	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Benzene, High/Med Level*	ND	U		23	37	1.0000	ug/Kg	106045		12/29/03 1504	jso
	1,2-Dichloroethane, High/Med Level*	ND	U		35	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Trichloroethene, High/Med Level*	ND	U		66	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	1,2-Dichloropropane, High/Med Level*	ND	U		45	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Dibromomethane, High/Med Level*	ND	U		81	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Bromodichloromethane, High/Med Level*	ND	U		25	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	cis-1,3-Dichloropropene, High/Med Level*	ND	U		26	150	1.0000	ug/Kg	106045		12/29/03 1504	jso

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223146

Date:01/28/2004

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

Customer Sample ID: SB12
Date Sampled.....: 12/16/2003
Time Sampled.....: 13:20
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-8
Date Received.....: 12/17/2003
Time Received.....: 12:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Methyl-2-pentanone (MIBK), High/Med Lev*l	ND	U		56	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Toluene, High/Med Level*	ND	U		29	37	1.0000	ug/Kg	106045		12/29/03 1504	jso
	trans-1,3-Dichloropropene, High/Med Level*	ND	U		25	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	1,1,2-Trichloroethane, High/Med Level*	ND	U		32	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Tetrachloroethene, High/Med Level*	ND	U		49	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	1,3-Dichloropropane, High/Med Level*	ND	U		29	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	2-Hexanone, High/Med Level*	ND	U		63	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Dibromochloromethane, High/Med Level*	ND	U		30	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	1,2-Dibromoethane (EDB), High/Med Level*	ND	U		41	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Chlorobenzene, High/Med Level*	ND	U		31	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	1,1,1,2-Tetrachloroethane, High/Med Level*	ND	U		28	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Ethylbenzene, High/Med Level*	ND	U		34	37	1.0000	ug/Kg	106045		12/29/03 1504	jso
	m&p-Xylenes, High/Med Level*	ND	U		60	74	1.0000	ug/Kg	106045		12/29/03 1504	jso
	o-Xylene, High/Med Level*	ND	U		27	37	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Styrene, High/Med Level*	ND	U		28	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Bromoform, High/Med Level*	ND	U		33	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Isopropylbenzene, High/Med Level*	ND	U		32	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	Bromobenzene, High/Med Level*	ND	U		37	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	1,1,2,2-Tetrachloroethane, High/Med Level*	ND	U		40	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	1,2,3-Trichloropropane, High/Med Level*	ND	U		46	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	n-Propylbenzene, High/Med Level*	ND	U		33	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	2-Chlorotoluene, High/Med Level*	ND	U		40	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	1,3,5-Trimethylbenzene, High/Med Level*	ND	U		38	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	4-Chlorotoluene, High/Med Level*	ND	U		42	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	tert-Butylbenzene, High/Med Level*	ND	U		38	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	1,2,4-Trimethylbenzene, High/Med Level*	ND	U		39	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	sec-Butylbenzene, High/Med Level*	NO	U		41	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	p-Isopropyltoluene, High/Med Level*	NO	U		42	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	n-Butylbenzene, High/Med Level*	ND	U	*	48	150	1.0000	ug/Kg	106045		12/29/03 1504	jso

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223146 Date:01/28/2004

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

Customer Sample ID: SB12
Date Sampled.....: 12/16/2003
Time Sampled.....: 13:20
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-8
Date Received.....: 12/17/2003
Time Received.....: 12:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	1,2-Dibromo-3-chloropropane, High/Med Lev*l	ND	U		89	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
	1,2,3-Trichlorobenzene, High/Med Level*	ND	U	*	120	150	1.0000	ug/Kg	106045		12/29/03 1504	jso
Method	% Solids Determination											
	% Solids, Solid	84.3			0.10	0.10	1	%	105796		12/29/03 2140	lmr
	% Moisture, Solid	15.7			0.10	0.10	1	%	105796		12/29/03 2140	lmr
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.4	20	1.00000	ug/Kg	105818		12/29/03 1616	mgk
	Aroclor 1221, Solid*	ND	U		7.9	20	1.00000	ug/Kg	105818		12/29/03 1616	mgk
	Aroclor 1232, Solid*	ND	U		3.6	20	1.00000	ug/Kg	105818		12/29/03 1616	mgk
	Aroclor 1242, Solid*	ND	U		7.5	20	1.00000	ug/Kg	105818		12/29/03 1616	mgk
	Aroclor 1248, Solid*	ND	U		2.7	20	1.00000	ug/Kg	105818		12/29/03 1616	mgk
	Aroclor 1254, Solid*	ND	U		3.2	20	1.00000	ug/Kg	105818		12/29/03 1616	mgk
	Aroclor 1260, Solid*	ND	U		3.0	20	1.00000	ug/Kg	105818		12/29/03 1616	mgk
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.021			0.0051	0.020	1	mg/Kg	105685		12/26/03 1543	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	11000			2.8	23	1	mg/Kg	105896		12/30/03 0325	tds
	Antimony, Solid*	ND	U		1.0	2.3	1	mg/Kg	105896		12/30/03 0325	tds
	Arsenic, Solid*	5.4			0.59	1.2	1	mg/Kg	105896		12/30/03 0325	tds
	Barium, Solid*	100			0.18	1.2	1	mg/Kg	105896		12/30/03 0325	tds
	Beryllium, Solid*	0.76			0.051	0.46	1	mg/Kg	105896		12/30/03 0325	tds
	Cadmium, Solid*	ND	U		0.092	0.23	1	mg/Kg	105896		12/30/03 0325	tds
	Calcium, Solid*	45000			3.6	12	1	mg/Kg	105896		12/30/03 0325	tds
	Chromium, Solid*	16			0.25	1.2	1	mg/Kg	105896		12/30/03 0325	tds
	Cobalt, Solid*	12			0.16	0.58	1	mg/Kg	105896		12/30/03 0325	tds

* In Description = Dry Wgt.

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Job Number: 223146

LABORATORY TEST RESULTS

Date:01/28/2004

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

Customer Sample IO: SB12
Date Sampled.....: 12/16/2003
Time Sampled.....: 13:20
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-8
Date Received.....: 12/17/2003
Time Received.....: 12:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Copper, Solid*	12			1.0	1.2	1	mg/Kg	105896		12/30/03 0325	tds
	Iron, Solid*	14000			3.5	5.8	1	mg/Kg	105896		12/30/03 0325	tds
	Lead, Solid*	44			0.50	0.58	1	mg/Kg	106023		12/30/03 1427	tds
	Magnesium, Solid*	2700			2.0	12	1	mg/Kg	105896		12/30/03 0325	tds
	Manganese, Solid*	580			0.15	1.2	1	mg/Kg	105896		12/30/03 0325	tds
	Nickel, Solid*	14			0.29	1.2	1	mg/Kg	105896		12/30/03 0325	tds
	Potassium, Solid*	580			16	58	1	mg/Kg	105896		12/30/03 0325	tds
	Selenium, Solid*	ND	U		0.46	1.2	1	mg/Kg	106023		12/30/03 1427	tds
	Silver, Solid*	ND	U		0.36	0.58	1	mg/Kg	105896		12/30/03 0325	tds
	Sodium, Solid*	110	B		100	120	1	mg/Kg	105896		12/30/03 0325	tds
	Thallium, Solid*	ND	U		0.76	1.2	1	mg/Kg	105896		12/30/03 0325	tds
	Vanadium, Solid*	26			0.24	0.58	1	mg/Kg	106023		12/30/03 1427	tds
	Zinc, Solid*	37			0.46	2.3	1	mg/Kg	105896		12/30/03 0325	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223146

Date:01/28/2004

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

Customer Sample ID: SB13-SB14
Date Sampled.....: 12/16/2003
Time Sampled.....: 14:10
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-9
Date Received.....: 12/17/2003
Time Received.....: 12:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	83.6			0.10	0.10	1	%	105796		12/29/03 2140	lmr
	% Moisture, Solid	16.4			0.10	0.10	1	%	105796		12/29/03 2140	lmr
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND	U		110	250	1.00000	ug/Kg	105764		12/19/03 1839	san
	RDX, Solid	ND	U		58	99	1.00000	ug/Kg	105764		12/19/03 1839	san
	1,3,5-Trinitrobenzene, Solid	ND	U		17	99	1.00000	ug/Kg	105764		12/19/03 1839	san
	1,3-Dinitrobenzene, Solid	ND	U		18	99	1.00000	ug/Kg	105764		12/19/03 1839	san
	Nitrobenzene, Solid	ND	U		22	99	1.00000	ug/Kg	105764		12/19/03 1839	san
	2,4,6-TNT, Solid	ND	U		33	99	1.00000	ug/Kg	105764		12/19/03 1839	san
	Tetryl, Solid	ND	U		43	200	1.00000	ug/Kg	105764		12/19/03 1839	san
	2,4-Dinitrotoluene, Solid	ND	U		35	99	1.00000	ug/Kg	105764		12/19/03 1839	san
	2,6-Dinitrotoluene, Solid	ND	U		47	200	1.00000	ug/Kg	105764		12/19/03 1839	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		36	200	1.00000	ug/Kg	105764		12/19/03 1839	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		96	200	1.00000	ug/Kg	105764		12/19/03 1839	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	105764		12/19/03 1839	san
	4-Nitrotoluene, Solid	ND	U		46	500	1.00000	ug/Kg	105764		12/19/03 1839	san
	3-Nitrotoluene, Solid	ND	U		50	200	1.00000	ug/Kg	105764		12/19/03 1839	san
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.025			0.0051	0.020	1	mg/Kg	105685		12/26/03 1545	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	10000			2.8	23	1	mg/Kg	105896		12/30/03 0357	tds
	Antimony, Solid*	ND	U		1.0	2.3	1	mg/Kg	105896		12/30/03 0357	tds
	Arsenic, Solid*	5.5			0.59	1.2	1	mg/Kg	105896		12/30/03 0357	tds
	Barium, Solid*	87			0.18	1.2	1	mg/Kg	105896		12/30/03 0357	tds
	Beryllium, Solid*	0.69			0.051	0.46	1	mg/Kg	105896		12/30/03 0357	tds

* In Description = Dry Wgt.

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Job Number: 223146

LABORATORY TEST RESULTS

Date:01/28/2004

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

Customer Sample ID: SB13-SB14
Date Sampled.....: 12/16/2003
Time Sampled.....: 14:10
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-9
Date Received.....: 12/17/2003
Time Received.....: 12:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Cadmium, Solid*	ND	U		0.092	0.23	1	mg/Kg	105896		12/30/03 0357	tds
	Calcium, Solid*	3800			3.6	12	1	mg/Kg	105896		12/30/03 0357	tds
	Chromium, Solid*	16			0.25	1.2	1	mg/Kg	105896		12/30/03 0357	tds
	Cobalt, Solid*	6.0			0.16	0.58	1	mg/Kg	105896		12/30/03 0357	tds
	Copper, Solid*	10			1.0	1.2	1	mg/Kg	105896		12/30/03 0357	tds
	Iron, Solid*	14000			3.5	5.8	1	mg/Kg	105896		12/30/03 0357	tds
	Lead, Solid*	11			0.50	0.58	1	mg/Kg	106023		12/30/03 1434	tds
	Magnesium, Solid*	2100			2.0	12	1	mg/Kg	105896		12/30/03 0357	tds
	Manganese, Solid*	390			0.15	1.2	1	mg/Kg	105896		12/30/03 0357	tds
	Nickel, Solid*	12			0.29	1.2	1	mg/Kg	105896		12/30/03 0357	tds
	Potassium, Solid*	500			16	58	1	mg/Kg	105896		12/30/03 0357	tds
	Selenium, Solid*	ND	U		0.46	1.2	1	mg/Kg	106023		12/30/03 1434	tds
	Silver, Solid*	ND	U		0.36	0.58	1	mg/Kg	105896		12/30/03 0357	tds
	Sodium, Solid*	540			100	120	1	mg/Kg	105896		12/30/03 0357	tds
	Thallium, Solid*	ND	U		0.76	1.2	1	mg/Kg	105896		12/30/03 0357	tds
	Vanadium, Solid*	26			0.24	0.58	1	mg/Kg	106023		12/30/03 1434	tds
	Zinc, Solid*	47			0.46	2.3	1	mg/Kg	105896		12/30/03 0357	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223146

Date:01/28/2004

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

Customer Sample ID: SB15-SB16
Date Sampled.....: 12/16/2003
Time Sampled.....: 14:45
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-10
Date Received.....: 12/17/2003
Time Received.....: 12:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	86.1			0.10	0.10	1	%	105796		12/29/03 2140	lmr
	% Moisture, Solid	13.9			0.10	0.10	1	%	105796		12/29/03 2140	lmr
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND	U		110	250	1.00000	ug/Kg	105764		12/19/03 1912	san
	RDX, Solid	ND	U		58	100	1.00000	ug/Kg	105764		12/19/03 1912	san
	1,3,5-Trinitrobenzene, Solid	ND	U		17	100	1.00000	ug/Kg	105764		12/19/03 1912	san
	1,3-Dinitrobenzene, Solid	ND	U		18	100	1.00000	ug/Kg	105764		12/19/03 1912	san
	Nitrobenzene, Solid	ND	U		22	100	1.00000	ug/Kg	105764		12/19/03 1912	san
	2,4,6-TNT, Solid	ND	U		34	100	1.00000	ug/Kg	105764		12/19/03 1912	san
	Tetryl, Solid	ND	U		43	200	1.00000	ug/Kg	105764		12/19/03 1912	san
	2,4-Dinitrotoluene, Solid	ND	U		35	100	1.00000	ug/Kg	105764		12/19/03 1912	san
	2,6-Dinitrotoluene, Solid	ND	U		47	200	1.00000	ug/Kg	105764		12/19/03 1912	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		36	200	1.00000	ug/Kg	105764		12/19/03 1912	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		97	200	1.00000	ug/Kg	105764		12/19/03 1912	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	105764		12/19/03 1912	san
	4-Nitrotoluene, Solid	ND	U		46	500	1.00000	ug/Kg	105764		12/19/03 1912	san
	3-Nitrotoluene, Solid	ND	U		50	200	1.00000	ug/Kg	105764		12/19/03 1912	san
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.026			0.0050	0.019	1	mg/Kg	105685		12/26/03 1547	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	7800			2.7	22	1	mg/Kg	105896		12/30/03 0403	tds
	Antimony, Solid*	ND	U		1	2.2	1	mg/Kg	105896		12/30/03 0403	tds
	Arsenic, Solid*	5.4			0.57	1.1	1	mg/Kg	105896		12/30/03 0403	tds
	Barium, Solid*	64			0.18	1.1	1	mg/Kg	105896		12/30/03 0403	tds
	Beryllium, Solid*	0.60			0.049	0.44	1	mg/Kg	105896		12/30/03 0403	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223146

Date:01/28/2004

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

Customer Sample ID: SB15-SB16
Date Sampled.....: 12/16/2003
Time Sampled.....: 14:45
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-10
Date Received.....: 12/17/2003
Time Received.....: 12:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Cadmium, Solid*	ND	U		0.089	0.22	1	mg/Kg	105896		12/30/03 0403	tds
	Calcium, Solid*	12000			3.4	11	1	mg/Kg	105896		12/30/03 0403	tds
	Chromium, Solid*	12			0.24	1.1	1	mg/Kg	105896		12/30/03 0403	tds
	Cobalt, Solid*	3.7			0.16	0.55	1	mg/Kg	105896		12/30/03 0403	tds
	Copper, Solid*	6.6			1	1.1	1	mg/Kg	105896		12/30/03 0403	tds
	Iron, Solid*	13000			3.3	5.5	1	mg/Kg	105896		12/30/03 0403	tds
	Lead, Solid*	13			0.48	0.55	1	mg/Kg	106023		12/30/03 1441	tds
	Magnesium, Solid*	2100			1.9	11	1	mg/Kg	105896		12/30/03 0403	tds
	Manganese, Solid*	220			0.14	1.1	1	mg/Kg	105896		12/30/03 0403	tds
	Nickel, Solid*	9.9			0.28	1.1	1	mg/Kg	105896		12/30/03 0403	tds
	Potassium, Solid*	450			15	55	1	mg/Kg	105896		12/30/03 0403	tds
	Selenium, Solid*	ND	U		0.44	1.1	1	mg/Kg	106023		12/30/03 1441	tds
	Silver, Solid*	ND	U		0.34	0.55	1	mg/Kg	105896		12/30/03 0403	tds
	Sodium, Solid*	370			96	110	1	mg/Kg	105896		12/30/03 0403	tds
	Thallium, Solid*	ND	U		0.73	1.1	1	mg/Kg	105896		12/30/03 0403	tds
	Vanadium, Solid*	25			0.23	0.55	1	mg/Kg	106023		12/30/03 1441	tds
	Zinc, Solid*	21			0.44	2.2	1	mg/Kg	105896		12/30/03 0403	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223146

Date:01/28/2004

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

Customer Sample ID: SB17
Date Sampled.....: 12/16/2003
Time Sampled.....: 16:30
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-11
Date Received.....: 12/17/2003
Time Received.....: 12:10

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	a	3.1	5.0	1.00000	mg/Kg	105778		12/29/03 1438	mgk
8270C	Semivolatile Organics											
	Phenol, Low Level Soil*	ND	U		2.0	200	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Bis(2-chloroethyl)ether, Low Level Soil*	ND	U		2.4	82	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	1,3-Dichlorobenzene, Low Level Soil*	ND	U		96	200	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	1,4-Dichlorobenzene, Low Level Soil*	ND	U		87	200	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	1,2-Dichlorobenzene, Low Level Soil*	ND	U		96	200	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Benzyl alcohol, Low Level Soil*	ND	U		110	820	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	2-Methylphenol (o-cresol), Low Level Soil*	ND	U		10	82	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	2,2-oxybis (1-chloropropane), Low Level S*il	ND	U		92	200	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	n-Nitroso-di-n-propylamine, Low Level Soi*	ND	U		2.8	40	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Hexachloroethane, Low Level Soil*	ND	U		4.0	200	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	4-Methylphenol (m/p-cresol), Low Level So*l	ND	U		7.1	82	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	2-Chlorophenol, Low Level Soil*	ND	U		72	200	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Nitrobenzene, Low Level Soil*	ND	U		3.1	40	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Bis(2-chloroethoxy)methane, Low Level Soi*	ND	U		3.5	82	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	1,2,4-Trichlorobenzene, Low Level Soil*	ND	U		72	200	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Benzoic acid, Low Level Soil*	ND	U		120	820	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Isophorone, Low Level Soil*	ND	U		2.9	200	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	2,4-Dimethylphenol, Low Level Soil*	ND	U		73	400	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Hexachlorobutadiene, Low Level Soil*	ND	U		4.0	200	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Naphthalene, Low Level Soil*	ND	U		2.1	40	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	2,4-Dichlorophenol, Low Level Soil*	ND	U		59	400	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	4-Chloroaniline, Low Level Soil*	ND	U		120	820	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	2,4,6-Trichlorophenol, Low Level Soil*	ND	U		57	200	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	2,4,5-Trichlorophenol, Low Level Soil*	ND	U		46	400	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Hexachlorocyclopentadiene, Low Level Soil*	ND	U		66	820	1.00000	ug/Kg	105852		12/26/03 1800	dpk

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 223146

Date:01/28/2004

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

Customer Sample ID: SB17
Date Sampled.....: 12/16/2003
Time Sampled.....: 16:30
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-11
Date Received.....: 12/17/2003
Time Received.....: 12:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2-Methylnaphthalene, Low Level Soil*	ND	U		1.8	40	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	2-Nitroaniline, Low Level Soil*	ND	U		41	200	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	2-Chloronaphthalene, Low Level Soil*	ND	U		59	200	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	4-Chloro-3-methylphenol, Low Level Soil*	ND	U		46	400	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	2,6-Dinitrotoluene, Low Level Soil*	ND	U		2.7	40	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	2-Nitrophenol, Low Level Soil*	ND	U		77	400	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	3-Nitroaniline, Low Level Soil*	ND	U	*	140	820	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Dimethyl phthalate, Low Level Soil*	ND	U		4.4	82	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	2,4-Dinitrophenol, Low Level Soil*	ND	U		140	820	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Acenaphthylene, Low Level Soil*	ND	U		1.1	40	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	2,4-Dinitrotoluene, Low Level Soil*	ND	U		2.1	40	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Acenaphthene, Low Level Soil*	ND	U		1.7	40	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Dibenzofuran, Low Level Soil*	ND	U		3.3	82	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	4-Nitrophenol, Low Level Soil*	ND	U		100	820	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Fluorene, Low Level Soil*	ND	U		2.0	40	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	4-Nitroaniline, Low Level Soil*	ND	U		48	820	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	4-Bromophenyl phenyl ether, Low Level Soi*	ND	U		3.8	200	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Hexachlorobenzene, Low Level Soil*	ND	U		2.2	40	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Diethyl phthalate, Low Level Soil*	ND	U		4.5	82	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	4-Chlorophenyl phenyl ether, Low Level So*l	ND	U		4.4	200	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Pentachlorophenol, Low Level Soil*	ND	U		120	400	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	n-Nitrosodiphenylamine, Low Level Soil*	ND	U		3.5	40	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	4,6-Dinitro-2-methylphenol, Low Level Soi*	ND	U		120	820	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Phenanthrene, Low Level Soil*	1.9	J		1.2	40	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Anthracene, Low Level Soil*	ND	U		1.0	40	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Carbazole, Low Level Soil*	ND	U		43	200	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Di-n-butyl phthalate, Low Level Soil*	ND	U		24	200	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Benzidine, Low Level Soil*	ND	U		800	4000	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Fluoranthene, Low Level Soil*	2.3	J		1.3	40	1.00000	ug/Kg	105852		12/26/03 1800	dpk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223146

Date:01/28/2004

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

Customer Sample ID: SB17
Date Sampled.....: 12/16/2003
Time Sampled.....: 16:30
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-11
Date Received.....: 12/17/2003
Time Received.....: 12:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Pyrene, Low Level Soil*	2.5	J		2.4	40	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Butyl benzyl phthalate, Low Level Soil*	ND	U		5.0	82	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Benzo(a)anthracene, Low Level Soil*	ND	U		1.3	40	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Chrysene, Low Level Soil*	ND	U		2.2	40	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	3,3-Dichlorobenzidine, Low Level Soil*	ND	U		22	200	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Bis(2-ethylhexyl)phthalate, Low Level Soi*	20	J		12	200	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Di-n-octyl phthalate, Low Level Soil*	ND	U		11	400	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Benzo(b)fluoranthene, Low Level Soil*	ND	U		2.6	40	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Benzo(k)fluoranthene, Low Level Soil*	ND	U		3.4	40	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Benzo(a)pyrene, Low Level Soil*	ND	U		2.7	40	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Indeno(1,2,3-cd)pyrene, Low Level Soil*	ND	U		2.6	40	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Dibenzo(a,h)anthracene, Low Level Soil*	2.7	J		2.7	40	1.00000	ug/Kg	105852		12/26/03 1800	dpk
	Benzo(ghi)perylene, Low Level Soil*	2.9	J		2.3	40	1.00000	ug/Kg	105852		12/26/03 1800	dpk
Method	% Solids Determination											
	% Solids, Solid	80.7			0.10	0.10	1	%	105796		12/29/03 2140	lmr
	% Moisture, Solid	19.3			0.10	0.10	1	%	105796		12/29/03 2140	lmr
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.5	20	1.00000	ug/Kg	105818		12/29/03 1651	mgk
	Aroclor 1221, Solid*	ND	U		8.1	20	1.00000	ug/Kg	105818		12/29/03 1651	mgk
	Aroclor 1232, Solid*	ND	U		3.6	20	1.00000	ug/Kg	105818		12/29/03 1651	mgk
	Aroclor 1242, Solid*	ND	U		7.6	20	1.00000	ug/Kg	105818		12/29/03 1651	mgk
	Aroclor 1248, Solid*	ND	U		2.8	20	1.00000	ug/Kg	105818		12/29/03 1651	mgk
	Aroclor 1254, Solid*	ND	U		3.3	20	1.00000	ug/Kg	105818		12/29/03 1651	mgk
	Aroclor 1260, Solid*	ND	U		3.0	20	1.00000	ug/Kg	105818		12/29/03 1651	mgk
8015B MGRO	TPH - Gasoline Range Organics (GRO)											
	Gasoline Range Organics (GRO), Solid*	ND	U		8.8	62	1.00000	ug/Kg	105981		12/28/03 1329	wre

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223146

Date:01/28/2004

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

Customer Sample ID: SB17
Date Sampled.....: 12/16/2003
Time Sampled.....: 16:30
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-11
Date Received.....: 12/17/2003
Time Received.....: 12:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8260B	Volatile Organics											
	Dichlorodifluoromethane, Solid*	ND	U		0.99	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Chloromethane, Solid*	ND	U		1.5	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Vinyl chloride, Solid*	ND	U		1.5	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Bromomethane, Solid*	ND	U		1.8	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Chloroethane, Solid*	ND	U		1.4	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Trichlorofluoromethane, Solid*	ND	U		1.9	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	1,1-Dichloroethene, Solid*	ND	U		1.8	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Carbon disulfide, Solid*	ND	U		1.6	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Acetone, Solid*	9.0			6.2	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Methylene chloride, Solid*	ND	U		3.9	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	trans-1,2-Dichloroethene, Solid*	ND	U		1.5	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Methyl-tert-butyl-ether (MTBE), Solid*	ND	U		1.4	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	1,1-Dichloroethane, Solid*	ND	U		1.4	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	2,2-Dichloropropane, Solid*	ND	U		1.2	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	cis-1,2-Dichloroethene, Solid*	ND	U		1.5	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	2-Butanone (MEK), Solid*	ND	U		5.3	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Bromochloromethane, Solid*	ND	U		1.5	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Chloroform, Solid*	ND	U		1.5	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	1,1,1-Trichloroethane, Solid*	ND	U		1.5	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	1,1-Dichloropropene, Solid*	ND	U		1.6	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Carbon tetrachloride, Solid*	ND	U		1.5	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Benzene, Solid*	ND	U		1.5	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	1,2-Dichloroethane, Solid*	ND	U		1.3	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Trichloroethene, Solid*	ND	U		1.5	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	1,2-Dichloropropane, Solid*	ND	U		1.4	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Dibromomethane, Solid*	ND	U		1.5	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Bromodichloromethane, Solid*	ND	U		1.3	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	cis-1,3-Dichloropropene, Solid*	ND	U		1.3	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223146

Date:01/28/2004

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

Customer Sample ID: SB17
Date Sampled.....: 12/16/2003
Time Sampled.....: 16:30
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-11
Date Received.....: 12/17/2003
Time Received.....: 12:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	4-Methyl-2-pentanone (MIBK), Solid*	ND	U	*	1.4	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Toluene, Solid*	ND	U		1.5	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	trans-1,3-Dichloropropene, Solid*	ND	U		1.1	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	1,1,2-Trichloroethane, Solid*	ND	U		1.5	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Tetrachloroethene, Solid*	ND	U		1.6	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	1,3-Dichloropropane, Solid*	ND	U		1.3	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	2-Hexanone, Solid*	ND	U	*	1.5	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Dibromochloromethane, Solid*	ND	U		1.1	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	1,2-Dibromoethane (EDB), Solid*	ND	U		1.1	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Chlorobenzene, Solid*	ND	U		1.5	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	1,1,1,2-Tetrachloroethane, Solid*	ND	U		1.5	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Ethylbenzene, Solid*	ND	U		1.5	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	m&p-Xylenes, Solid*	ND	U		3.1	14	1.00000	ug/Kg	106043		12/22/03 2325	jso
	o-Xylene, Solid*	ND	U		1.5	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Styrene, Solid*	ND	U		1.5	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Bromoform, Solid*	ND	U		1.0	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Isopropylbenzene, Solid*	ND	U		1.5	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	Bromobenzene, Solid*	ND	U		1.4	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	1,1,2,2-Tetrachloroethane, Solid*	ND	U		1.3	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	1,2,3-Trichloropropane, Solid*	ND	U		1.5	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	n-Propylbenzene, Solid*	ND	U		1.8	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	2-Chlorotoluene, Solid*	ND	U		1.8	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	1,3,5-Trimethylbenzene, Solid*	ND	U		1.8	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	4-Chlorotoluene, Solid*	ND	U		1.8	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	tert-Butylbenzene, Solid*	ND	U		1.6	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	1,2,4-Trimethylbenzene, Solid*	ND	U		1.9	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	sec-Butylbenzene, Solid*	ND	U		1.6	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	p-Isopropyltoluene, Solid*	ND	U		1.8	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	n-Butylbenzene, Solid*	ND	U		1.8	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 223146

Date:01/28/2004

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

Customer Sample ID: SB17
Date Sampled.....: 12/16/2003
Time Sampled.....: 16:30
Sample Matrix.....: Soil

Laboratory Sample ID: 223146-11
Date Received.....: 12/17/2003
Time Received.....: 12:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	1,2-Dibromo-3-chloropropane, Solid*	ND	U		1.6	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso
	1,2,3-Trichlorobenzene, Solid*	ND	U		2.0	6.8	1.00000	ug/Kg	106043		12/22/03 2325	jso

* In Description = Dry Wgt.

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

Job Number: 223146 Date: 01/28/2004

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

Lab ID: 223146-1 Client ID: SB1-SB4 Date Recvd: 12/17/2003 Sample Date: 12/15/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	105796		12/29/2003 2140	
3050B	Acid Digestion: Solids (ICAP)	1	105475		12/23/2003 1400	
EDD	Electronic Data Deliverable	1	106231			
3541	Extraction Soxhlet (DRO)	1	105534		12/24/2003 1115	
3550B	Extraction Ultrasonic (PCBs)	1	105039		12/19/2003 0910	
7471A	Mercury (CVAA) Solids	1	105685	105667	12/26/2003 1524	
6010B	Metals Analysis (ICAP Trace)	1	105896	105475	12/30/2003 0241	
6010B	Metals Analysis (ICAP Trace)	1	106067	105475	12/30/2003 1645	5
8082	PCB Analysis	1	105818	105039	12/29/2003 1430	1.00000
7470/7471	SW846 Digestion (Hg)	1	105667		12/26/2003 1315	
8015B MDRO	TPH - Diesel Range Organics (DRO)	1	105778	105534	12/29/2003 1321	1.00000

Lab ID: 223146-2 Client ID: SB5 Date Recvd: 12/17/2003 Sample Date: 12/15/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	105796		12/29/2003 2140	
5030A	5030 Purge & Trap of Methanol Extract	1	105803		12/29/2003 1442	
5035	5035 Archon Closed Purge & Trap	1	105424		12/22/2003 2230	
5035	5D35 Archon Closed Purge & Trap	2	105537		12/23/2003 1935	
5D35	5035 Preservation High (Methanol)	1	10522D		12/17/2003 1405	
5035	5035 Preservation Low	1	105219		12/17/2003 1405	
5035	5D35 Preservation Low	1	1D5219		12/17/2003 1406	
5035	5035 Preservation Low	2	105219		12/17/2003 1405	
5035	5035 Preservation Low	2	105219		12/17/2003 1406	
3050B	Acid Digestion: Solids (ICAP)	1	105475		12/23/2003 1400	
3550B	Extraction Ultrasonic (PCBs)	1	105039		12/19/2003 0910	
7471A	Mercury (CVAA) Solids	1	105685	105667	12/26/2003 1527	
6010B	Metals Analysis (ICAP Trace)	1	105896	105475	12/30/2003 0248	
6010B	Metals Analysis (ICAP Trace)	1	106023	105475	12/30/2003 1320	
8082	PCB Analysis	1	105818	105039	12/29/2003 1505	1.00000
7470/7471	SW846 Digestion (Hg)	1	105667		12/26/2003 1315	
8260B	Volatile Organics	1	106043	105219-105424	12/22/2003 2230	1.00000

Lab ID: 223146-3 Client ID: SB6 Date Recvd: 12/17/2003 Sample Date: 12/16/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	105796		12/29/2003 2140	
3050B	Acid Digestion: Solids (ICAP)	1	105475		12/23/2003 1400	
3550B	Extraction Ultrasonic (PCBs)	1	105039		12/19/2003 0910	
7471A	Mercury (CVAA) Solids	1	105685	105667	12/26/2003 1529	
6010B	Metals Analysis (ICAP Trace)	1	105896	105475	12/30/2003 0254	
6010B	Metals Analysis (ICAP Trace)	1	106023	105475	12/30/2003 1327	
8082	PCB Analysis	1	105818	105039	12/29/2003 1540	1.00000
7470/7471	SW846 Digestion (Hg)	1	105667		12/26/2003 1315	

Lab ID: 223146-4 Client ID: SB7 Date Recvd: 12/17/2003 Sample Date: 12/16/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	105796		12/29/2003 2140	
8330	8330 Extraction (Explosives)	1	105000		12/18/2003 1830	
3050B	Acid Digestion: Solids (ICAP)	1	105475		12/23/2003 1400	
8330	Explosives by 8330 (HPLC)	1	105764	105000	12/19/2003 1524	1.00000
7471A	Mercury (CVAA) Solids	1	105685	105667	12/26/2003 1531	
6010B	Metals Analysis (ICAP Trace)	1	105896	105475	12/30/2003 0300	
6010B	Metals Analysis (ICAP Trace)	1	106023	105475	12/30/2003 1334	
7470/7471	SW846 Digestion (Hg)	1	105667		12/26/2003 1315	

Lab ID: 223146-5 Client ID: SB8-SB9 Date Recvd: 12/17/2003 Sample Date: 12/16/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	105796		12/29/2003 2140	

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

Job Number: 223146 Date: 01/28/2004

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

Lab ID: 223146-5 Client ID: SB8-SB9 Date Recvd: 12/17/2003 Sample Date: 12/16/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	105000		12/18/2003	1830	
3050B	Acid Digestion: Solids (ICAP)	1	105475		12/23/2003	1400	
8330	Explosives by 8330 (HPLC)	1	105764	105000	12/19/2003	1702	1.00000
7471A	Mercury (CVAA) Solids	1	105685	105667	12/26/2003	1533	
6010B	Metals Analysis (ICAP Trace)	1	105896	105475	12/30/2003	0306	
6010B	Metals Analysis (ICAP Trace)	1	106023	105475	12/30/2003	1340	
7470/7471	SW846 Digestion (Hg)	1	105667		12/26/2003	1315	

Lab ID: 223146-6 Client ID: SB10 Date Recvd: 12/17/2003 Sample Date: 12/16/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105796		12/29/2003	2140	
8330	8330 Extraction (Explosives)	1	105000		12/18/2003	1830	
3050B	Acid Digestion: Solids (ICAP)	1	105475		12/23/2003	1400	
8330	Explosives by 8330 (HPLC)	1	105764	105000	12/19/2003	1734	1.00000
7471A	Mercury (CVAA) Solids	1	105685	105667	12/26/2003	1539	
6010B	Metals Analysis (ICAP Trace)	1	105896	105475	12/30/2003	0312	
6010B	Metals Analysis (ICAP Trace)	1	106023	105475	12/30/2003	1347	
7470/7471	SW846 Digestion (Hg)	1	105667		12/26/2003	1315	

Lab ID: 223146-7 Client ID: SB11 Date Recvd: 12/17/2003 Sample Date: 12/16/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105796		12/29/2003	2140	
8330	8330 Extraction (Explosives)	1	105000		12/18/2003	1830	
3050B	Acid Digestion: Solids (ICAP)	1	105475		12/23/2003	1400	
8330	Explosives by 8330 (HPLC)	1	105764	105000	12/19/2003	1807	1.00000
7471A	Mercury (CVAA) Solids	1	105685	105667	12/26/2003	1541	
6010B	Metals Analysis (ICAP Trace)	1	105896	105475	12/30/2003	0319	
6010B	Metals Analysis (ICAP Trace)	1	106023	105475	12/30/2003	1354	
7470/7471	SW846 Digestion (Hg)	1	105667		12/26/2003	1315	

Lab ID: 223146-8 Client ID: SB12 Date Recvd: 12/17/2003 Sample Date: 12/16/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105796		12/29/2003	2140	
5030A	5030 Purge & Trap of Methanol Extract	1	105803		12/29/2003	1504	
5035	5035 Archon Closed Purge & Trap	1	105424		12/22/2003	2257	
5035	5035 Archon Closed Purge & Trap	2	105537		12/23/2003	2057	
5035	5035 Preservation High (Methanol)	1	105220		12/17/2003	1407	
5035	5035 Preservation Low	1	105219		12/17/2003	1407	
5035	5035 Preservation Low	1	105219		12/17/2003	1408	
5035	5035 Preservation Low	2	105219		12/17/2003	1407	
5035	5035 Preservation Low	2	105219		12/17/2003	1408	
3050B	Acid Digestion: Solids (ICAP)	1	105475		12/23/2003	1400	
3550B	Extraction Ultrasonic (PCBs)	1	105039		12/19/2003	0910	
7471A	Mercury (CVAA) Solids	1	105685	105667	12/26/2003	1543	
6010B	Metals Analysis (ICAP Trace)	1	105896	105475	12/30/2003	0325	
6010B	Metals Analysis (ICAP Trace)	1	106023	105475	12/30/2003	1427	
8082	PCB Analysis	1	105818	105039	12/29/2003	1616	1.00000
7470/7471	SW846 Digestion (Hg)	1	105667		12/26/2003	1315	
8260B	Volatile Organics	1	106045	105220-105803	12/29/2003	1504	1.0000

Lab ID: 223146-9 Client ID: SB13-SB14 Date Recvd: 12/17/2003 Sample Date: 12/16/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105796		12/29/2003	2140	
8330	8330 Extraction (Explosives)	1	105000		12/18/2003	1830	
3050B	Acid Digestion: Solids (ICAP)	1	105475		12/23/2003	1400	

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LABORATORY CHRONICLE

Job Number: 223146 Date: 01/28/2004

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

Lab ID: 223146-9 Client ID: SB13-SB14 Date Recvd: 12/17/2003 Sample Date: 12/16/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	Explosives by 8330 (HPLC)	1	105764	105000	12/19/2003	1839	1.00000
7471A	Mercury (CVAA) Solids	1	105685	105667	12/26/2003	1545	
6010B	Metals Analysis (ICAP Trace)	1	1D5896	105475	12/30/2003	0357	
6010B	Metals Analysis (ICAP Trace)	1	1D6023	105475	12/30/2003	1434	
7470/7471	SW846 Digestion (Hg)	1	105667		12/26/2003	1315	

Lab ID: 223146-10 Client ID: SB15-SB16 Date Recvd: 12/17/2003 Sample Date: 12/16/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105796		12/29/2003	2140	
8330	8330 Extraction (Explosives)	1	105000		12/18/2003	1830	
3050B	Acid Digestion: Solids (ICAP)	1	105475		12/23/2003	1400	
8330	Explosives by 8330 (HPLC)	1	105764	105000	12/19/2003	1912	1.00000
7471A	Mercury (CVAA) Solids	1	105685	105667	12/26/2003	1547	
6010B	Metals Analysis (ICAP Trace)	1	105896	105475	12/30/2003	0403	
6010B	Metals Analysis (ICAP Trace)	1	106023	105475	12/30/2003	1441	
7470/7471	SW846 Digestion (Hg)	1	105667		12/26/2003	1315	

Lab ID: 223146-11 Client ID: SB17 Date Recvd: 12/17/2003 Sample Date: 12/16/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105796		12/29/2003	2140	
5030A	5030 Purge & Trap	1	105980		12/28/2003	1000	
5035	5035 Archon Closed Purge & Trap	1	105424		12/22/2003	2325	
5035	5035 Preservation High (Methanol)	1	105220		12/17/2003	1408	
5035	5035 Preservation Low	1	105219		12/17/2003	1409	
5035	5035 Preservation Low	2	105219		12/17/2003	1408	
3541	Extraction Soxhlet (DRO)	1	105534		12/24/2003	1115	
3550B	Extraction Ultrasonic (PCBs)	1	105039		12/19/2003	0910	
3550B	Extraction Ultrasonic (SVOC)	1	105439		12/23/2003	1100	
8082	PCB Analysis	1	105818	105039	12/29/2003	1651	1.00000
8270C	Semivolatile Organics	1	105852	105439	12/26/2003	1800	1.00000
8015B MDRO	TPH - Diesel Range Organics (DRO)	1	105778	105534	12/29/2003	1438	1.00000
8015B MGRO	TPH - Gasoline Range Organics (GRO)	1	105981	105980	12/28/2003	1329	1.00000
8260B	Volatile Organics	1	106043	105219-105424	12/22/2003	2325	1.00000

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SURROGATE RECOVERIES REPORT

Job Number.: 223146 Report Date.: 01/28/2004

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

Method.....: TPH - Diesel Range Organics (DRO) Test Matrix...: 3541 Solid Prep Batch..: 105534
Method Code...: 8015D Batch(s).....: 105778

Lab ID	DT	Sample ID	Date	2FLUBP	OTERPH
LCS			12/29/2003	94	95
MB			12/29/2003	89	91
223146- 1		SB1-SB4	12/29/2003	75	78
223146- 11		SB17	12/29/2003	74	79

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.: 223146 Report Date.: 01/28/2004

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

Method.....: TPH - Gasoline Range Organics (GRO) Test Matrix...: Solid Prep Batch..: 105980
Method Code...: 8015G Batch(s).....: 105981

Lab ID	DT	Sample ID	Date	ATFT	BRFLBE
LCS			12/28/2003	105	100
MB			12/28/2003	96	89
223146- 11		SB17	12/28/2003	91	79
223146- 11	MS	SB17	12/28/2003	99	90
223146- 11	MSD	SB17	12/28/2003	96	89

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

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SURROGATE RECOVERIES REPORT

Job Number.: 223146 Report Date.: 01/28/2004

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

Method.....: PCB Analysis Test Matrix...: Solid Prep Batch..: 105039
Method Code...: 8082 Batch(s).....: 105818

Lab ID	DT	Sample ID	Date	DCB	TCX
LCS			12/29/2003	101	99
MB			12/29/2003	102	99
223146- 1		SB1-SB4	12/29/2003	133*	122*
223146- 2		SB5	12/29/2003	97	91
223146- 3		SB6	12/29/2003	104	102
223146- 8		SB12	12/29/2003	110	106
223146- 11		SB17	12/29/2003	94	90

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.: 223146 Report Date.: 01/28/2004

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

Method.....: Volatile Organics
Method Code...: 8260B
Test Matrix...: Solid
Batch(s).....: 106043
Prep Batch..: 105219

Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
EB3			12/22/2003	91	79	85	88
223146- 2		SB5	12/22/2003	104	69	96	79
223146- 11		SB17	12/22/2003	81	67	78	75

Test	Test Description	Limits
12DCED	1,2-Dichloroethane-d4 (surr)	50 - 145
BRFLBE	4-Bromofluorobenzene (surr)	60 - 140
DBRFLM	Dibromofluoromethane (surr)	60 - 140
TOLD8	Toluene-d8 (surr)	66 - 141

Method.....: Volatile Organics
Method Code...: 8260B
Test Matrix...: High/Med Level
Batch(s).....: 106045
Prep Batch..: 105220

Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
EB2			12/29/2003	83	98	92	108
223146- 8		SB12	12/29/2003	85	100	94	108

Test	Test Description	Limits
12DCED	1,2-Dichloroethane-d4 (surr)	43 - 139
BRFLBE	4-Bromofluorobenzene (surr)	57 - 124
DBRFLM	Dibromofluoromethane (surr)	64 - 132
TOLD8	Toluene-d8 (surr)	70 - 128

Method.....: Volatile Organics
Method Code...: 8260B
Test Matrix...: Solid
Batch(s).....: 106043
Prep Batch..: 105424

Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
LCS			12/22/2003	89	87	89	89
MB			12/22/2003	89	77	87	86

Test	Test Description	Limits
12DCED	1,2-Dichloroethane-d4 (surr)	50 - 145
BRFLBE	4-Bromofluorobenzene (surr)	60 - 140
DBRFLM	Dibromofluoromethane (surr)	60 - 140
TOLD8	Toluene-d8 (surr)	66 - 141

Method.....: Volatile Organics
Method Code...: 8260B
Test Matrix...: High/Med Level
Batch(s).....: 106045
Prep Batch..: 105803

Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
LCS			12/29/2003	82	102	94	107
MB			12/29/2003	94	107	103	118

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SURROGATE RECOVERIES REPORT

Job Number.: 223146 Report Date.: 01/28/2004

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

Method.....: Volatile Organics
Method Code...: 8260B
Test Matrix...: High/Med Level
Batch(s).....: 106045
Prep Batch..: 105803

Test	Test Description	Limits
12DCED	1,2-Dichloroethane-d4 (surr)	43 - 139
BRFLBE	4-Bromofluorobenzene (surr)	57 - 124
DBRFLM	Dibromofluoromethane (surr)	64 - 132
TOLD8	Toluene-d8 (surr)	70 - 128

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SURROGATE RECOVERIES REPORT

Job Number.: 223146 Report Date.: 01/28/2004

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

Method.....: Semivolatile Organics Test Matrix...: Low Level Soil Prep Batch..: 105439
Method Code...: 8270 Batch(s).....: 105852

Lab ID	DT	Sample ID	Date	246TBP	2FLUBP	2FLUPH	NITRD5	PHEND5	TERD14
LCS			12/26/2003	92	77	84	82	74	73
MB			12/26/2003	79	85	90	88	85	77
223146- 11		SB17	12/26/2003	70	71	80	75	71	64

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

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SURROGATE RECOVERIES REPORT

Job Number.: 223146 Report Date.: 01/28/2004

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

Method.....: Explosives by 8330 (HPLC) Test Matrix...: Solid Prep Batch..: 105000
Method Code...: 8330 Batch(s).....: 105764

Lab ID	DT	Sample ID	Date	12DNBZ
LCS			12/19/2003	101
MB			12/19/2003	99
223146- 4		SB7	12/19/2003	100
223146- 4	MS	SB7	12/19/2003	102
223146- 4	MSD	SB7	12/19/2003	107
223146- 5		SB8-SB9	12/19/2003	101
223146- 6		SB10	12/19/2003	99
223146- 7		SB11	12/19/2003	104
223146- 9		SB13-SB14	12/19/2003	99
223146- 10		SB15-SB16	12/19/2003	99

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

QUALITY CONTROL RESULTS

Job Number.: 223146

Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	003LWLPCBA	105039-002		12/29/2003	1208

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

Equipment Code....: INST4142
Batch.....: 105818

Analyst...: mgk

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Solid	ug/Kg	139.417		166.700	2.900 U	84	%	63-106	
Aroclor 1260, Solid	ug/Kg	161.087		167.000	2.500 U	96	%	68-105	

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

QUALITY CONTROL RESULTS

Job Number.: 223146

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		105039-001		12/29/2003	1132

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

Equipment Code....: INST4142
Batch.....: 105818

Analyst...: mgk

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

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

QUALITY CONTROL RESULTS

Job Number.: 223146

Report Date.: 01/28/2004

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

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

Test Method.....: 8015B MDRO
Method Description.: TPH - Diesel Range Organics (DRO)

Equipment Code....: INST10
Batch.....: 105778

Analyst...: mgk

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

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

QUALITY CONTROL RESULTS

Job Number.: 223146

Report Date.: 01/28/2004

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

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

Test Method.....: 8015B MDRO
Method Description.: TPH - Diesel Range Organics (DRO)

Equipment Code....: INST10
Batch.....: 105778

Analyst...: mgk

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

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

QUALITY CONTROL RESULTS

Job Number.: 223146

Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	G03L28DSA	105980-002		12/28/2003	1254

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

Equipment Code....: INST1314
Batch.....: 105981

Analyst...: wre

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Gasoline Range Organics (GRO), Solid	ug/Kg	437.335		400.00D	7.100 U	109	%	79-13D	

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

QUALITY CONTROL RESULTS

Job Number.: 223146

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		105980-001		12/28/2003	1219

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

Equipment Code....: INST1314
Batch.....: 105981

Analyst...: wre

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Gasoline Range Organics (GRO), Solid	ug/Kg	7.100 U							

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

QUALITY CONTROL RESULTS

Job Number.: 223146 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	G03L28DSA	223146-11		12/28/2003	1405

Test Method.....: 8015B MGRO Equipment Code....: INST1314 Analyst...: wre
Method Description.: TPH - Gasoline Range Organics (GRO) Batch.....: 105981

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Gasoline Range Organics (GRO), Solid	ug/Kg	479.955		495.700	8.798 U	97	%	79-130	

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

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

Job Number.: 223146 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	G03L28DSA	223146-11		12/28/2003	1440

Test Method.....: 8015B MGRO Equipment Code....: INST1314 Analyst...: wre
Method Description.: TPH - Gasoline Range Organics (GRO) Batch.....: 105981

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Gasoline Range Organics (GRO), Solid	ug/Kg	477.156	479.955	495.700	8.798 U	96	%	79-130	
						1	R	30	

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

QUALITY CONTROL RESULTS

Job Number.: 223146 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	D03LWLEXPA	105000-002		12/19/2003	1452

Test Method.....: 8330 Equipment Code....: INST3536 Analyst...: san
Method Description.: Explosives by 8330 (HPLC) Batch.....: 105764

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
HMX, Solid	ug/Kg	1050.000		1000.000	113.000	U	105	%	84-120	
RDX, Solid	ug/Kg	975.800		1000.000	58.600	U	98	%	81-115	
1,3,5-Trinitrobenzene, Solid	ug/Kg	933.600		1000.000	17.500	U	93	%	77-114	
1,3-Dinitrobenzene, Solid	ug/Kg	1048.500		1000.000	17.800	U	105	%	85-112	
Nitrobenzene, Solid	ug/Kg	1051.400		1000.000	22.200	U	105	%	86-112	
2,4,6-TNT, Solid	ug/Kg	1099.850		1000.000	33.800	U	110	%	77-118	
Tetryl, Solid	ug/Kg	782.050		2000.000	43.400	U	39	%	35-132	
2,4-Dinitrotoluene, Solid	ug/Kg	1104.050		1000.000	35.600	U	110	%	81-121	
2,6-Dinitrotoluene, Solid	ug/Kg	2020.200		2000.000	47.500	U	101	%	84-114	
2-Amino-4,6-Dinitrotoluene, Solid	ug/Kg	1926.250		2000.000	36.000	U	96	%	83-113	
4-Amino-2,6-Dinitrotoluene, Solid	ug/Kg	2236.600		2000.000	97.200	U	112	%	80-131	
2-Nitrotoluene, Solid	ug/Kg	2070.550		2000.000	33.200	U	104	%	84-114	
4-Nitrotoluene, Solid	ug/Kg	1990.950		2000.000	46.600	U	100	%	82-112	
3-Nitrotoluene, Solid	ug/Kg	2025.250		2000.000	50.000	U	101	%	84-117	

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

QUALITY CONTROL RESULTS

Job Number.: 223146

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		105000-001		12/19/2003	1419

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

Equipment Code....: INST3536
Batch.....: 105764

Analyst...: san

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

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

QUALITY CONTROL RESULTS

Job Number.: 223146

Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	003LWLEXPA	223146-4		12/19/2003	1557

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

Equipment Code....: INST3536
Batch.....: 105764

Analyst...: san

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
HMX, Solid	ug/Kg	1023.550		1000.000	113.000	U	102	%	84-120	
RDX, Solid	ug/Kg	869.950		1000.000	58.600	U	87	%	81-115	
1,3,5-Trinitrobenzene, Solid	ug/Kg	895.250		1000.000	17.500	U	90	%	77-114	
1,3-Dinitrobenzene, Solid	ug/Kg	1067.000		1000.000	17.800	U	107	%	85-112	
Nitrobenzene, Solid	ug/Kg	1073.700		1000.000	22.200	U	107	%	86-112	
2,4,6-TNT, Solid	ug/Kg	1029.100		1000.000	33.800	U	103	%	77-118	
Tetryl, Solid	ug/Kg	1461.500		2000.000	43.400	U	73	%	35-132	
2,4-Dinitrotoluene, Solid	ug/Kg	1095.200		1000.000	35.600	U	110	%	81-121	
2,6-Dinitrotoluene, Solid	ug/Kg	2060.500		2000.000	47.500	U	103	%	84-114	
2-Amino-4,6-Dinitrotoluene, Solid	ug/Kg	1959.000		2000.000	36.000	U	98	%	83-113	
4-Amino-2,6-Dinitrotoluene, Solid	ug/Kg	1997.000		2000.000	97.200	U	100	%	80-131	
2-Nitrotoluene, Solid	ug/Kg	2137.650		2000.000	33.200	U	107	%	84-114	
4-Nitrotoluene, Solid	ug/Kg	2035.400		2000.000	46.600	U	102	%	82-112	
3-Nitrotoluene, Solid	ug/Kg	2088.200		2000.000	50.000	U	104	%	84-117	

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

QUALITY CONTROL RESULTS

Job Number.: 223146 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	003LWLEXPA	223146-4		12/19/2003	1629

Test Method.....: 8330
Method Description.: Explosives by 8330 (HPLC)
Equipment Code....: INST3536
Batch.....: 105764
Analyst...: san

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
HMX, Solid	ug/Kg	1080.050	1023.550	1000.000	113.000	U	108.6	%	84-120	
								R	30	
RDX, Solid	ug/Kg	944.000	869.950	1000.000	58.600	U	94.8	%	81-115	
								R	30	
1,3,5-Trinitrobenzene, Solid	ug/Kg	979.750	895.250	1000.000	17.500	U	98.9	%	77-114	
								R	30	
1,3-Dinitrobenzene, Solid	ug/Kg	1122.500	1067.000	1000.000	17.800	U	112.5	%	85-112	
								R	30	
Nitrobenzene, Solid	ug/Kg	1123.150	1073.700	1000.000	22.200	U	112.5	%	86-112	
								R	30	
2,4,6-TNT, Solid	ug/Kg	1086.000	1029.100	1000.000	33.800	U	109.6	%	77-118	
								R	30	
Tetryl, Solid	ug/Kg	1653.200	1461.500	2000.000	43.400	U	83.13	%	35-132	
								R	30	
2,4-Dinitrotoluene, Solid	ug/Kg	1146.000	1095.200	1000.000	35.600	U	115.4	%	81-121	
								R	30	
2,6-Dinitrotoluene, Solid	ug/Kg	2144.700	2060.500	2000.000	47.500	U	107.4	%	84-114	
								R	30	
2-Amino-4,6-Dinitrotoluene, Solid	ug/Kg	2075.700	1959.000	2000.000	36.000	U	104.6	%	83-113	
								R	30	
4-Amino-2,6-Dinitrotoluene, Solid	ug/Kg	2119.700	1997.000	2000.000	97.200	U	106.6	%	80-131	
								R	30	
2-Nitrotoluene, Solid	ug/Kg	2193.150	2137.650	2000.000	33.200	U	110.3	%	84-114	
								R	30	
4-Nitrotoluene, Solid	ug/Kg	2104.900	2035.400	2000.000	46.600	U	105.3	%	82-112	
								R	30	
3-Nitrotoluene, Solid	ug/Kg	2156.700	2088.200	2000.000	50.000	U	108.4	%	84-117	
								R	30	

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

QUALITY CONTROL RESULTS

Job Number.: 223146 — Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	003LWLBLKB	105439-002		12/26/2003	1539

Test Method.....: 8270C — Equipment Code....: GCL11 — Analyst...: dpk
Method Description.: Semivolatile Organics — Batch.....: 105852

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Phenol, Low Level Soil	ug/Kg	1294.234		1667.000	1.600 U	78	%	34-119	
Bis(2-chloroethyl)ether, Low Level Soi	ug/Kg	870.741		1667.000	2.000 U	52	%	42-101	
1,3-Dichlorobenzene, Low Level Soil	ug/Kg	1217.841		1667.000	79.000 U	73	%	48-100	
1,4-Dichlorobenzene, Low Level Soil	ug/Kg	1284.104		1667.000	71.000 U	77	%	50-100	
1,2-Dichlorobenzene, Low Level Soil	ug/Kg	1217.054		1667.000	79.000 U	73	%	49-104	
Benzyl alcohol, Low Level Soil	ug/Kg	1354.803		1667.000	94.000 U	81	%	14-150	
2-Methylphenol (o-cresol), Low Level S	ug/Kg	1270.217		1667.000	8.400 U	76	%	36-110	
2,2-oxybis (1-chloropropane), Low Leve	ug/Kg	1447.572		1667.000	75.000 U	87	%	48-100	
n-Nitroso-di-n-propylamine, Low Level	ug/Kg	1339.647		1667.000	2.300 U	80	%	49-138	
Hexachloroethane, Low Level Soil	ug/Kg	1278.394		1667.000	3.300 U	77	%	46-100	
4-Methylphenol (m/p-cresol), Low Level	ug/Kg	1314.357		1667.000	5.800 U	79	%	33-114	
2-Chlorophenol, Low Level Soil	ug/Kg	1404.596		1667.000	59.000 U	84	%	52-103	
Nitrobenzene, Low Level Soil	ug/Kg	1469.469		1667.000	2.500 U	88	%	50-100	
Bis(2-chloroethoxy)methane, Low Level	ug/Kg	1437.052		1667.000	2.900 U	86	%	55-116	
1,2,4-Trichlorobenzene, Low Level Soil	ug/Kg	1300.920		1667.000	59.000 U	78	%	53-107	
Benzoic acid, Low Level Soil	ug/Kg	1308.950		1667.000	98.000 U	79	%	40-143	
Isophorone, Low Level Soil	ug/Kg	1462.775		1667.000	2.400 U	88	%	52-116	
2,4-Dimethylphenol, Low Level Soil	ug/Kg	1502.058		1667.000	60.000 U	90	%	11-115	
Hexachlorobutadiene, Low Level Soil	ug/Kg	1301.937		1667.000	3.300 U	78	%	52-118	
Naphthalene, Low Level Soil	ug/Kg	1341.360		1667.000	1.700 U	80	%	49-100	
2,4-Dichlorophenol, Low Level Soil	ug/Kg	1390.519		1667.000	48.000 U	83	%	58-103	
4-Chloroaniline, Low Level Soil	ug/Kg	976.600		1667.000	100.000 U	59	%	15-114	
2,4,6-Trichlorophenol, Low Level Soil	ug/Kg	1410.736		1667.000	47.000 U	85	%	57-105	
2,4,5-Trichlorophenol, Low Level Soil	ug/Kg	1507.388		1667.000	38.000 U	90	%	62-118	
Hexachlorocyclopentadiene, Low Level S	ug/Kg	958.697		1667.000	54.000 U	58	%	32-100	
2-Methylnaphthalene, Low Level Soil	ug/Kg	1724.736		1667.000	1.500 U	103	%	30-115	
2-Nitroaniline, Low Level Soil	ug/Kg	1352.093		1667.000	34.000 U	81	%	55-106	
2-Chloronaphthalene, Low Level Soil	ug/Kg	1362.646		1667.000	48.000 U	82	%	59-114	
4-Chloro-3-methylphenol, Low Level Soi	ug/Kg	1512.922		1667.000	38.000 U	91	%	56-110	
2,6-Dinitrotoluene, Low Level Soil	ug/Kg	1099.126		1667.000	2.200 U	66	%	62-111	
2-Nitrophenol, Low Level Soil	ug/Kg	1402.273		1667.000	63.000 U	84	%	53-102	
3-Nitroaniline, Low Level Soil	ug/Kg	1916.054		1667.000	111.000 U	115	%	28-100	*
Dimethyl phthalate, Low Level Soil	ug/Kg	1119.705		1667.000	3.600 U	67	%	63-105	
2,4-Dinitrophenol, Low Level Soil	ug/Kg	1557.488		1667.000	114.000 U	93	%	44-139	
Acenaphthylene, Low Level Soil	ug/Kg	1394.913		1667.000	0.910 U	84	%	50-103	
2,4-Dinitrotoluene, Low Level Soil	ug/Kg	1259.907		1667.000	1.700 U	76	%	61-113	
Acenaphthene, Low Level Soil	ug/Kg	1079.996		1667.000	1.400 U	65	%	51-100	
Dibenzofuran, Low Level Soil	ug/Kg	1083.719		1667.000	2.700 U	65	%	49-103	
4-Nitrophenol, Low Level Soil	ug/Kg	1565.994		1667.000	82.000 U	94	%	45-129	
Fluorene, Low Level Soil	ug/Kg	1447.609		1667.000	1.600 U	87	%	51-109	
4-Nitroaniline, Low Level Soil	ug/Kg	1782.146		1667.000	39.000 U	107	%	32-111	
4-Bromophenyl phenyl ether, Low Level	ug/Kg	1160.325		1667.000	3.100 U	70	%	62-108	
Hexachlorobenzene, Low Level Soil	ug/Kg	1119.275		1667.000	1.800 U	67	%	62-105	
Diethyl phthalate, Low Level Soil	ug/Kg	1397.753		1667.000	3.700 U	84	%	62-110	
4-Chlorophenyl phenyl ether, Low Level	ug/Kg	1059.263		1667.000	3.600 U	64	%	62-106	
Pentachlorophenol, Low Level Soil	ug/Kg	1816.772		1667.000	100.000 U	109	%	43-122	
n-Nitrosodiphenylamine, Low Level Soil	ug/Kg	1491.778		1667.000	2.900 U	90	%	63-108	
4,6-Dinitro-2-methylphenol, Low Level	ug/Kg	1725.976		1667.000	95.000 U	104	%	67-130	
Phenanthrene, Low Level Soil	ug/Kg	1668.587		1667.000	1.000 U	100	%	50-110	
Anthracene, Low Level Soil	ug/Kg	1349.047		1667.000	0.860 U	81	%	51-110	

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

QUALITY CONTROL RESULTS

Job Number.: 223146 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	003LWLBLKB	105439-002		12/26/2003	1539

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Carbazole, Low Level Soil	ug/Kg	1593.641		1667.000	35.000 U	96	%	49-131	
Di-n-butyl phthalate, Low Level Soil	ug/Kg	1692.203		1667.000	20.000 U	102	%	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	1684.003		1667.000	1.100 U	101	%	55-122	
Pyrene, Low Level Soil	ug/Kg	1333.080		1667.000	2.000 U	80	%	41-121	
Butyl benzyl phthalate, Low Level Soil	ug/Kg	1575.718		1667.000	4.100 U	95	%	56-113	
Benzo(a)anthracene, Low Level Soil	ug/Kg	1610.804		1667.000	1.100 U	97	%	49-119	
Chrysene, Low Level Soil	ug/Kg	1582.181		1667.000	1.800 U	95	%	39-124	
3,3-Dichlorobenzidine, Low Level Soil	ug/Kg	1548.985		1667.000	18.000 U	93	%	22-106	
Bis(2-ethylhexyl)phthalate, Low Level	ug/Kg	1763.926		1667.000	14.107 J	106	%	49-144	
Di-n-octyl phthalate, Low Level Soil	ug/Kg	1606.254		1667.000	8.700 U	96	%	45-130	
Benzo(b)fluoranthene, Low Level Soil	ug/Kg	1513.365		1667.000	2.100 U	91	%	44-132	
Benzo(k)fluoranthene, Low Level Soil	ug/Kg	1456.952		1667.000	2.800 U	87	%	43-141	
Benzo(a)pyrene, Low Level Soil	ug/Kg	1541.748		1667.000	2.200 U	93	%	45-129	
Indeno(1,2,3-cd)pyrene, Low Level Soil	ug/Kg	1707.136		1667.000	2.100 U	102	%	36-138	
Dibenzo(a,h)anthracene, Low Level Soil	ug/Kg	1683.343		1667.000	2.200 U	101	%	30-144	
Benzo(ghi)perylene, Low Level Soil	ug/Kg	1693.663		1667.000	1.900 U	102	%	41-129	

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

QUALITY CONTROL RESULTS

Job Number.: 223146 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		105439-001		12/26/2003	1514

Test Method.....: 8270C Equipment Code....: GCL11 Analyst...: dpk
Method Description.: Semivolatile Organics Batch.....: 105852

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

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

QUALITY CONTROL RESULTS

Job Number.: 223146 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		105439-001		12/26/2003	1514

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	14.107	J							
Di-n-octyl phthalate, Low Level Soil	ug/Kg	8.700	U							
Benzo(b)fluoranthene, Low Level Soil	ug/Kg	2.100	U							
Benzo(k)fluoranthene, Low Level Soil	ug/Kg	2.800	U							
Benzo(a)pyrene, Low Level Soil	ug/Kg	2.200	U							
Indeno(1,2,3-cd)pyrene, Low Level Soil	ug/Kg	2.100	U							
Dibenzo(a,h)anthracene, Low Level Soil	ug/Kg	2.200	U							
Benzo(ghi)perylene, Low Level Soil	ug/Kg	1.900	U							

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

QUALITY CONTROL RESULTS

Job Number.: 223146 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
EB3	DI Blank		105219-007		12/22/2003	1702

Test Method.....: 8260B Equipment Code....: GCL6 Analyst...: jso
Method Description.: Volatile Organics Batch.....: 106043

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Dichlorodifluoromethane, Solid	ug/Kg	0.730	U							
Chloromethane, Solid	ug/Kg	1.100	U							
Vinyl chloride, Solid	ug/Kg	1.100	U							
Bromomethane, Solid	ug/Kg	1.300	U							
Chloroethane, Solid	ug/Kg	1.000	U							
Trichlorofluoromethane, Solid	ug/Kg	1.400	U							
1,1-Dichloroethene, Solid	ug/Kg	1.300	U							
Carbon disulfide, Solid	ug/Kg	1.200	U							
Acetone, Solid	ug/Kg	4.600	U							
Methylene chloride, Solid	ug/Kg	2.900	U							
trans-1,2-Dichloroethene, Solid	ug/Kg	1.100	U							
Methyl-tert-butyl-ether (MTBE), Solid	ug/Kg	1.000	U							
1,1-Dichloroethane, Solid	ug/Kg	1.000	U							
2,2-Dichloropropane, Solid	ug/Kg	0.920	U							
cis-1,2-Dichloroethene, Solid	ug/Kg	1.100	U							
2-Butanone (MEK), Solid	ug/Kg	3.900	U							
Bromochloromethane, Solid	ug/Kg	1.100	U							
Chloroform, Solid	ug/Kg	1.100	U							
1,1,1-Trichloroethane, Solid	ug/Kg	1.100	U							
1,1-Dichloropropene, Solid	ug/Kg	1.200	U							
Carbon tetrachloride, Solid	ug/Kg	1.100	U							
Benzene, Solid	ug/Kg	1.100	U							
1,2-Dichloroethane, Solid	ug/Kg	0.940	U							
Trichloroethene, Solid	ug/Kg	1.100	U							
1,2-Dichloropropane, Solid	ug/Kg	1.000	U							
Dibromomethane, Solid	ug/Kg	1.100	U							
Bromodichloromethane, Solid	ug/Kg	0.960	U							
cis-1,3-Dichloropropene, Solid	ug/Kg	0.930	U							
4-Methyl-2-pentanone (MIBK), Solid	ug/Kg	1.000	U							
Toluene, Solid	ug/Kg	1.100	U							
trans-1,3-Dichloropropene, Solid	ug/Kg	0.790	U							
1,1,2-Trichloroethane, Solid	ug/Kg	1.100	U							
Tetrachloroethene, Solid	ug/Kg	1.200	U							
1,3-Dichloropropane, Solid	ug/Kg	0.940	U							
2-Hexanone, Solid	ug/Kg	1.100	U							
Dibromochloromethane, Solid	ug/Kg	0.790	U							
1,2-Dibromoethane (EDB), Solid	ug/Kg	0.820	U							
Chlorobenzene, Solid	ug/Kg	1.100	U							
1,1,1,2-Tetrachloroethane, Solid	ug/Kg	1.100	U							
Ethylbenzene, Solid	ug/Kg	1.100	U							
m&p-Xylenes, Solid	ug/Kg	2.300	U							
o-Xylene, Solid	ug/Kg	1.100	U							
Styrene, Solid	ug/Kg	1.100	U							
Bromoform, Solid	ug/Kg	0.750	U							
Isopropylbenzene, Solid	ug/Kg	1.100	U							
Bromobenzene, Solid	ug/Kg	1.000	U							
1,1,2,2-Tetrachloroethane, Solid	ug/Kg	0.960	U							
1,2,3-Trichloropropane, Solid	ug/Kg	1.100	U							
n-Propylbenzene, Solid	ug/Kg	1.300	U							
2-Chlorotoluene, Solid	ug/Kg	1.300	U							

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

QUALITY CONTROL RESULTS

Job Number.: 223146 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
EB3	DI Blank		105219-007		12/22/2003	1702

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
1,3,5-Trimethylbenzene, Solid	ug/Kg	1.300	U							
4-Chlorotoluene, Solid	ug/Kg	1.300	U							
tert-Butylbenzene, Solid	ug/Kg	1.200	U							
1,2,4-Trimethylbenzene, Solid	ug/Kg	1.400	U							
sec-Butylbenzene, Solid	ug/Kg	1.200	U							
p-Isopropyltoluene, Solid	ug/Kg	1.300	U							
n-Butylbenzene, Solid	ug/Kg	1.300	U							
1,2-Dibromo-3-chloropropane, Solid	ug/Kg	1.200	U							
1,2,3-Trichlorobenzene, Solid	ug/Kg	1.500	U							

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

QUALITY CONTROL RESULTS

Job Number.: 223146

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.....: 8260B
Method Description.: Volatile Organics

Equipment Code....: GCL6
Batch.....: 106043

Analyst...: jso

LCS	Laboratory Control Sample	V03L22DSD	105424-017		12/22/2003	1552

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Dichlorodifluoromethane, Solid	ug/Kg	30.460		50.000	0.730 U	61	%	43-121	
Chloromethane, Solid	ug/Kg	36.687		50.000	1.100 U	73	%	45-141	
Vinyl chloride, Solid	ug/Kg	41.411		50.000	1.100 U	83	%	58-140	
Bromomethane, Solid	ug/Kg	40.903		50.000	1.300 U	82	%	48-127	
Chloroethane, Solid	ug/Kg	47.114		50.000	1.000 U	94	%	59-163	
Trichlorofluoromethane, Solid	ug/Kg	51.784		50.000	1.400 U	104	%	57-135	
1,1-Dichloroethene, Solid	ug/Kg	37.246		50.000	1.300 U	74	%	51-132	
Carbon disulfide, Solid	ug/Kg	29.889		50.000	1.200 U	60	%	23-138	
Acetone, Solid	ug/Kg	37.542		50.000	4.600 U	75	%	46-167	
Methylene chloride, Solid	ug/Kg	44.800		50.000	2.900 U	90	%	58-143	
trans-1,2-Dichloroethene, Solid	ug/Kg	44.438		50.000	1.100 U	89	%	58-139	
Methyl-tert-butyl-ether (MTBE), Solid	ug/Kg	58.825		50.000	1.000 U	118	%	61-132	
1,1-Dichloroethane, Solid	ug/Kg	45.708		50.000	1.000 U	91	%	63-133	
2,2-Dichloropropane, Solid	ug/Kg	47.981		50.000	0.920 U	96	%	67-134	
cis-1,2-Dichloroethene, Solid	ug/Kg	47.099		50.000	1.100 U	94	%	68-148	
2-Butanone (MEK), Solid	ug/Kg	34.660		50.000	3.900 U	69	%	50-150	
Bromochloromethane, Solid	ug/Kg	49.747		50.000	1.100 U	99	%	68-129	
Chloroform, Solid	ug/Kg	49.818		50.000	1.100 U	100	%	73-135	
1,1,1-Trichloroethane, Solid	ug/Kg	49.825		50.000	1.100 U	100	%	63-133	
1,1-Dichloropropene, Solid	ug/Kg	45.669		50.000	1.200 U	91	%	78-148	
Carbon tetrachloride, Solid	ug/Kg	51.924		50.000	1.100 U	104	%	67-127	
Benzene, Solid	ug/Kg	46.818		50.000	1.100 U	94	%	72-128	
1,2-Dichloroethane, Solid	ug/Kg	48.710		50.000	0.940 U	97	%	69-125	
Trichloroethene, Solid	ug/Kg	48.801		50.000	1.100 U	98	%	75-129	
1,2-Dichloropropane, Solid	ug/Kg	44.946		50.000	1.000 U	90	%	76-132	
Dibromomethane, Solid	ug/Kg	43.004		50.000	1.100 U	86	%	70-130	
Bromodichloromethane, Solid	ug/Kg	52.984		50.000	0.960 U	106	%	74-128	
cis-1,3-Dichloropropene, Solid	ug/Kg	47.298		52.000	0.930 U	91	%	80-124	
4-Methyl-2-pentanone (MIBK), Solid	ug/Kg	32.496		50.000	1.000 U	65	%	68-134	*
Toluene, Solid	ug/Kg	45.743		50.000	1.100 U	91	%	75-125	
trans-1,3-Dichloropropene, Solid	ug/Kg	43.123		48.000	0.790 U	90	%	75-134	
1,1,2-Trichloroethane, Solid	ug/Kg	39.875		50.000	1.100 U	80	%	71-143	
Tetrachloroethene, Solid	ug/Kg	52.041		50.000	1.200 U	104	%	75-129	
1,3-Dichloropropane, Solid	ug/Kg	43.336		50.000	0.940 U	87	%	78-127	
2-Hexanone, Solid	ug/Kg	34.191		50.000	1.100 U	68	%	69-140	*
Dibromochloromethane, Solid	ug/Kg	49.638		50.000	0.790 U	99	%	77-127	
1,2-Dibromoethane (EDB), Solid	ug/Kg	39.675		50.000	0.820 U	79	%	72-133	
Chlorobenzene, Solid	ug/Kg	46.597		50.000	1.100 U	93	%	83-125	
1,1,1,2-Tetrachloroethane, Solid	ug/Kg	51.094		50.000	1.100 U	102	%	83-123	
Ethylbenzene, Solid	ug/Kg	47.612		50.000	1.100 U	95	%	79-123	
m&p-Xylenes, Solid	ug/Kg	96.448		100.000	2.300 U	96	%	79-123	
o-Xylene, Solid	ug/Kg	46.831		50.000	1.100 U	94	%	80-123	
Styrene, Solid	ug/Kg	45.622		50.000	1.100 U	91	%	85-126	
Bromoform, Solid	ug/Kg	48.618		50.000	0.750 U	97	%	78-132	
Isopropylbenzene, Solid	ug/Kg	46.972		50.000	1.100 U	94	%	77-118	
Bromobenzene, Solid	ug/Kg	48.929		50.000	1.000 U	98	%	81-123	
1,1,2,2-Tetrachloroethane, Solid	ug/Kg	41.011		50.000	0.960 U	82	%	68-139	
1,2,3-Trichloropropane, Solid	ug/Kg	42.359		50.000	1.100 U	85	%	71-129	
n-Propylbenzene, Solid	ug/Kg	47.025		50.000	1.300 U	94	%	77-124	
2-Chlorotoluene, Solid	ug/Kg	47.876		50.000	1.300 U	96	%	63-137	

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

QUALITY CONTROL RESULTS

Job Number.: 223146 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	V03L22DSD	105424-017		12/22/2003	1552

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
1,3,5-Trimethylbenzene, Solid	ug/Kg	50.957		50.000	1.300 U	102	%	72-128	
4-Chlorotoluene, Solid	ug/Kg	47.224		50.000	1.300 U	94	%	76-123	
tert-Butylbenzene, Solid	ug/Kg	49.551		50.000	1.200 U	99	%	79-124	
1,2,4-Trimethylbenzene, Solid	ug/Kg	52.384		50.000	1.400 U	105	%	74-133	
sec-Butylbenzene, Solid	ug/Kg	48.182		50.000	1.200 U	96	%	77-128	
p-Isopropyltoluene, Solid	ug/Kg	48.957		50.000	1.300 U	98	%	74-126	
n-Butylbenzene, Solid	ug/Kg	48.679		50.000	1.300 U	97	%	65-138	
1,2-Dibromo-3-chloropropane, Solid	ug/Kg	37.572		50.000	1.200 U	75	%	59-124	
1,2,3-Trichlorobenzene, Solid	ug/Kg	47.394		50.000	1.500 U	95	%	75-125	

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

QUALITY CONTROL RESULTS

Job Number.: 223146 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		105424-016		12/22/2003	1452

Test Method.....: 8260B Equipment Code....: GCL6 Analyst...: jso
Method Description.: Volatile Organics Batch.....: 106043

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Dichlorodifluoromethane, Solid	ug/Kg	0.730	U							
Chloromethane, Solid	ug/Kg	1.100	U							
Vinyl chloride, Solid	ug/Kg	1.100	U							
Bromomethane, Solid	ug/Kg	1.300	U							
Chloroethane, Solid	ug/Kg	1.000	U							
Trichlorofluoromethane, Solid	ug/Kg	1.400	U							
1,1-Dichloroethene, Solid	ug/Kg	1.300	U							
Carbon disulfide, Solid	ug/Kg	1.200	U							
Acetone, Solid	ug/Kg	4.600	U							
Methylene chloride, Solid	ug/Kg	2.900	U							
trans-1,2-Dichloroethene, Solid	ug/Kg	1.100	U							
Methyl-tert-butyl-ether (MTBE), Solid	ug/Kg	1.000	U							
1,1-Dichloroethane, Solid	ug/Kg	1.000	U							
2,2-Dichloropropane, Solid	ug/Kg	0.920	U							
cis-1,2-Dichloroethene, Solid	ug/Kg	1.100	U							
2-Butanone (MEK), Solid	ug/Kg	3.900	U							
Bromochloromethane, Solid	ug/Kg	1.100	U							
Chloroform, Solid	ug/Kg	1.100	U							
1,1,1-Trichloroethane, Solid	ug/Kg	1.100	U							
1,1-Dichloropropene, Solid	ug/Kg	1.200	U							
Carbon tetrachloride, Solid	ug/Kg	1.100	U							
Benzene, Solid	ug/Kg	1.100	U							
1,2-Dichloroethane, Solid	ug/Kg	0.940	U							
Trichloroethene, Solid	ug/Kg	1.100	U							
1,2-Dichloropropane, Solid	ug/Kg	1.000	U							
Dibromomethane, Solid	ug/Kg	1.100	U							
Bromodichloromethane, Solid	ug/Kg	0.960	U							
cis-1,3-Dichloropropene, Solid	ug/Kg	0.930	U							
4-Methyl-2-pentanone (MIBK), Solid	ug/Kg	1.000	U							
Toluene, Solid	ug/Kg	1.100	U							
trans-1,3-Dichloropropene, Solid	ug/Kg	0.790	U							
1,1,2-Trichloroethane, Solid	ug/Kg	1.100	U							
Tetrachloroethene, Solid	ug/Kg	1.200	U							
1,3-Dichloropropane, Solid	ug/Kg	0.940	U							
2-Hexanone, Solid	ug/Kg	1.100	U							
Dibromochloromethane, Solid	ug/Kg	0.790	U							
1,2-Dibromoethane (EDB), Solid	ug/Kg	0.820	U							
Chlorobenzene, Solid	ug/Kg	1.100	U							
1,1,1,2-Tetrachloroethane, Solid	ug/Kg	1.100	U							
Ethylbenzene, Solid	ug/Kg	1.100	U							
m&p-Xylenes, Solid	ug/Kg	2.300	U							
o-Xylene, Solid	ug/Kg	1.100	U							
Styrene, Solid	ug/Kg	1.100	U							
Bromoform, Solid	ug/Kg	0.750	U							
Isopropylbenzene, Solid	ug/Kg	1.100	U							
Bromobenzene, Solid	ug/Kg	1.000	U							
1,1,2,2-Tetrachloroethane, Solid	ug/Kg	0.960	U							
1,2,3-Trichloropropane, Solid	ug/Kg	1.100	U							
n-Propylbenzene, Solid	ug/Kg	1.300	U							
2-Chlorotoluene, Solid	ug/Kg	1.300	U							

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

QUALITY CONTROL RESULTS

Job Number.: 223146 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		105424-016		12/22/2003	1452

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
1,3,5-Trimethylbenzene, Solid	ug/Kg	1.300	U							
4-Chlorotoluene, Solid	ug/Kg	1.300	U							
tert-Butylbenzene, Solid	ug/Kg	1.200	U							
1,2,4-Trimethylbenzene, Solid	ug/Kg	1.400	U							
sec-Butylbenzene, Solid	ug/Kg	1.200	U							
p-Isopropyltoluene, Solid	ug/Kg	1.300	U							
n-Butylbenzene, Solid	ug/Kg	1.300	U							
1,2-Dibromo-3-chloropropane, Solid	ug/Kg	1.200	U							
1,2,3-Trichlorobenzene, Solid	ug/Kg	1.500	U							

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

QUALITY CONTROL RESULTS

Job Number.: 223146 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
EB2	Extraction Blank 2		105220-004		12/29/2003	1056

Test Method.....: 8260B Equipment Code....: GCL16 Analyst...: jso
Method Description.: Volatile Organics Batch.....: 106045

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Dichlorodifluoromethane, High/Med Leve	ug/Kg	25.200	U							
Chloromethane, High/Med Level	ug/Kg	25.100	U							
Vinyl chloride, High/Med Level	ug/Kg	25.600	U							
Bromomethane, High/Med Level	ug/Kg	43.800	U							
Chloroethane, High/Med Level	ug/Kg	37.900	U							
Trichlorofluoromethane, High/Med Level	ug/Kg	21.700	U							
1,1-Dichloroethene, High/Med Level	ug/Kg	28.900	U							
Carbon disulfide, High/Med Level	ug/Kg	21.100	U							
Acetone, High/Med Level	ug/Kg	166.000	U							
Methylene chloride, High/Med Level	ug/Kg	88.800	U							
trans-1,2-Dichloroethene, High/Med Lev	ug/Kg	17.100	U							
Methyl-tert-butyl-ether (MTBE), High/M	ug/Kg	16.400	U							
1,1-Dichloroethane, High/Med Level	ug/Kg	21.900	U							
2,2-Dichloropropane, High/Med Level	ug/Kg	19.000	U							
cis-1,2-Dichloroethene, High/Med Level	ug/Kg	24.500	U							
2-Butanone (MEK), High/Med Level	ug/Kg	42.100	U							
Bromochloromethane, High/Med Level	ug/Kg	26.500	U							
Chloroform, High/Med Level	ug/Kg	25.600	U							
1,1,1-Trichloroethane, High/Med Level	ug/Kg	23.000	U							
1,1-Dichloropropene, High/Med Level	ug/Kg	18.900	U							
Carbon tetrachloride, High/Med Level	ug/Kg	16.300	U							
Benzene, High/Med Level	ug/Kg	15.700	U							
1,2-Dichloroethane, High/Med Level	ug/Kg	24.100	U							
Trichloroethene, High/Med Level	ug/Kg	44.800	U							
1,2-Dichloropropane, High/Med Level	ug/Kg	30.600	U							
Dibromomethane, High/Med Level	ug/Kg	55.100	U							
Bromodichloromethane, High/Med Level	ug/Kg	16.800	U							
cis-1,3-Dichloropropene, High/Med Leve	ug/Kg	17.600	U							
4-Methyl-2-pentanone (MIBK), High/Med	ug/Kg	37.800	U							
Toluene, High/Med Level	ug/Kg	19.800	U							
trans-1,3-Dichloropropene, High/Med Le	ug/Kg	16.700	U							
1,1,2-Trichloroethane, High/Med Level	ug/Kg	21.800	U							
Tetrachloroethene, High/Med Level	ug/Kg	33.500	U							
1,3-Dichloropropane, High/Med Level	ug/Kg	20.000	U							
2-Hexanone, High/Med Level	ug/Kg	42.600	U							
Dibromochloromethane, High/Med Level	ug/Kg	20.700	U							
1,2-Dibromoethane (EDB), High/Med Leve	ug/Kg	28.000	U							
Chlorobenzene, High/Med Level	ug/Kg	21.300	U							
1,1,1,2-Tetrachloroethane, High/Med Le	ug/Kg	19.000	U							
Ethylbenzene, High/Med Level	ug/Kg	23.200	U							
m&p-Xylenes, High/Med Level	ug/Kg	41.000	U							
o-Xylene, High/Med Level	ug/Kg	18.300	U							
Styrene, High/Med Level	ug/Kg	19.000	U							
Bromoform, High/Med Level	ug/Kg	22.700	U							
Isopropylbenzene, High/Med Level	ug/Kg	22.000	U							
Bromobenzene, High/Med Level	ug/Kg	25.400	U							
1,1,2,2-Tetrachloroethane, High/Med Le	ug/Kg	27.200	U							
1,2,3-Trichloropropane, High/Med Level	ug/Kg	31.500	U							
n-Propylbenzene, High/Med Level	ug/Kg	22.600	U							
2-Chlorotoluene, High/Med Level	ug/Kg	27.400	U							

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

QUALITY CONTROL RESULTS

Job Number.: 223146 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
EB2	Extraction Blank 2		105220-004		12/29/2003	1056

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
1,3,5-Trimethylbenzene, High/Med Level	ug/Kg	25.600	U							
4-Chlorotoluene, High/Med Level	ug/Kg	28.400	U							
tert-Butylbenzene, High/Med Level	ug/Kg	25.700	U							
1,2,4-Trimethylbenzene, High/Med Level	ug/Kg	26.400	U							
sec-Butylbenzene, High/Med Level	ug/Kg	27.900	U							
p-Isopropyltoluene, High/Med Level	ug/Kg	28.700	U							
n-Butylbenzene, High/Med Level	ug/Kg	32.800	U							
1,2-Dibromo-3-chloropropane, High/Med	ug/Kg	60.500	U							
1,2,3-Trichlorobenzene, High/Med Level	ug/Kg	78.900	U							

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

QUALITY CONTROL RESULTS

Job Number.: 223146 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	V03L29DSB	105803-002		12/29/2003	1006

Test Method.....: 8260B Equipment Code....: GCL16 Analyst...: jso
Method Description.: Volatile Organics Batch.....: 106045

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Dichlorodifluoromethane, High/Med Leve	ug/Kg	2370.785		2500.000	25.200 U	95	%	29-135	
Chloromethane, High/Med Level	ug/Kg	2348.950		2500.000	25.100 U	94	%	55-129	
Vinyl chloride, High/Med Level	ug/Kg	2363.610		2500.000	25.600 U	95	%	61-135	
Bromomethane, High/Med Level	ug/Kg	3300.275		2500.000	43.800 U	132	%	36-164	
Chloroethane, High/Med Level	ug/Kg	2753.430		2500.000	37.900 U	110	%	33-207	
Trichlorofluoromethane, High/Med Level	ug/Kg	2364.985		2500.000	21.700 U	95	%	59-145	
1,1-Dichloroethene, High/Med Level	ug/Kg	2278.940		2500.000	28.900 U	91	%	44-143	
Carbon disulfide, High/Med Level	ug/Kg	2069.440		2500.000	21.100 U	83	%	21-124	
Acetone, High/Med Level	ug/Kg	2968.920		2500.000	166.000 U	119	%	34-143	
Methylene chloride, High/Med Level	ug/Kg	2326.950		2500.000	88.800 U	93	%	57-129	
trans-1,2-Dichloroethene, High/Med Lev	ug/Kg	2357.300		2500.000	17.100 U	94	%	66-138	
Methyl-tert-butyl-ether (MTBE), High/M	ug/Kg	2873.525		2500.000	16.400 U	115	%	47-126	
1,1-Dichloroethane, High/Med Level	ug/Kg	2287.595		2500.000	21.900 U	92	%	68-119	
2,2-Dichloropropane, High/Med Level	ug/Kg	2487.965		2500.000	19.000 U	100	%	41-131	
cis-1,2-Dichloroethene, High/Med Level	ug/Kg	2461.565		2500.000	24.500 U	98	%	64-144	
2-Butanone (MEK), High/Med Level	ug/Kg	2630.515		2500.000	42.100 U	105	%	40-125	
Bromochloromethane, High/Med Level	ug/Kg	2557.255		2500.000	26.500 U	102	%	60-124	
Chloroform, High/Med Level	ug/Kg	2404.840		2500.000	25.600 U	96	%	61-129	
1,1,1-Trichloroethane, High/Med Level	ug/Kg	2458.300		2500.000	23.000 U	98	%	69-133	
1,1-Dichloropropene, High/Med Level	ug/Kg	2529.695		2500.000	18.900 U	101	%	65-134	
Carbon tetrachloride, High/Med Level	ug/Kg	2655.985		2500.000	16.300 U	106	%	59-127	
Benzene, High/Med Level	ug/Kg	2607.335		2500.000	15.700 U	104	%	67-122	
1,2-Dichloroethane, High/Med Level	ug/Kg	2225.485		2500.000	24.100 U	89	%	64-115	
Trichloroethene, High/Med Level	ug/Kg	2847.615		2500.000	44.800 U	114	%	70-123	
1,2-Dichloropropane, High/Med Level	ug/Kg	2503.590		2500.000	30.600 U	100	%	70-122	
Dibromomethane, High/Med Level	ug/Kg	2458.650		2500.000	55.100 U	98	%	67-121	
Bromodichloromethane, High/Med Level	ug/Kg	2697.300		2500.000	16.800 U	108	%	66-128	
cis-1,3-Dichloropropene, High/Med Leve	ug/Kg	2705.535		2600.000	17.600 U	104	%	68-123	
4-Methyl-2-pentanone (MIBK), High/Med	ug/Kg	2474.815		2500.000	37.800 U	99	%	54-119	
Toluene, High/Med Level	ug/Kg	2704.925		2500.000	19.800 U	108	%	72-123	
trans-1,3-Dichloropropene, High/Med Le	ug/Kg	2563.415		2400.000	16.700 U	107	%	60-115	
1,1,2-Trichloroethane, High/Med Level	ug/Kg	2448.995		2500.000	21.800 U	98	%	67-133	
Tetrachloroethene, High/Med Level	ug/Kg	2840.455		2500.000	33.500 U	114	%	75-125	
1,3-Dichloropropane, High/Med Level	ug/Kg	2529.440		2500.000	20.000 U	101	%	71-118	
2-Hexanone, High/Med Level	ug/Kg	2485.600		2500.000	42.600 U	99	%	50-116	
Dibromochloromethane, High/Med Level	ug/Kg	2714.170		2500.000	20.700 U	109	%	70-119	
1,2-Dibromoethane (EDB), High/Med Leve	ug/Kg	2484.010		2500.000	28.000 U	99	%	69-122	
Chlorobenzene, High/Med Level	ug/Kg	2657.445		2500.000	21.300 U	106	%	80-125	
1,1,1,2-Tetrachloroethane, High/Med Le	ug/Kg	2840.825		2500.000	19.000 U	114	%	74-120	
Ethylbenzene, High/Med Level	ug/Kg	2852.640		2500.000	23.200 U	114	%	78-128	
m&p-Xylenes, High/Med Level	ug/Kg	5608.850		5000.000	41.000 U	112	%	76-133	
o-Xylene, High/Med Level	ug/Kg	2722.445		2500.000	18.300 U	109	%	74-127	
Styrene, High/Med Level	ug/Kg	3017.110		2500.000	19.000 U	121	%	80-129	
Bromoform, High/Med Level	ug/Kg	2520.555		2500.000	22.700 U	101	%	70-123	
Isopropylbenzene, High/Med Level	ug/Kg	2724.055		2500.000	22.000 U	109	%	67-133	
Bromobenzene, High/Med Level	ug/Kg	2869.650		2500.000	25.400 U	115	%	74-133	
1,1,2,2-Tetrachloroethane, High/Med Le	ug/Kg	2351.580		2500.000	27.200 U	94	%	70-126	
1,2,3-Trichloropropane, High/Med Level	ug/Kg	2503.205		2500.000	31.500 U	100	%	64-118	
n-Propylbenzene, High/Med Level	ug/Kg	2827.065		2500.000	22.600 U	113	%	69-130	
2-Chlorotoluene, High/Med Level	ug/Kg	2743.980		2500.000	27.400 U	110	%	62-134	

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

QUALITY CONTROL RESULTS

Job Number.: 223146 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	V03L29DSB	105803-002		12/29/2003	1006

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
1,3,5-Trimethylbenzene, High/Med Level	ug/Kg	2926.395		2500.000	25.600	U	117	%	66-125	
4-Chlorotoluene, High/Med Level	ug/Kg	2719.820		2500.000	28.400	U	109	%	66-131	
tert-Butylbenzene, High/Med Level	ug/Kg	2963.660		2500.000	25.700	U	119	%	71-125	
1,2,4-Trimethylbenzene, High/Med Level	ug/Kg	3056.260		2500.000	26.400	U	122	%	69-122	
sec-Butylbenzene, High/Med Level	ug/Kg	2971.665		2500.000	27.900	U	119	%	69-139	
p-Isopropyltoluene, High/Med Level	ug/Kg	2951.455		2500.000	28.700	U	118	%	68-129	
n-Butylbenzene, High/Med Level	ug/Kg	3018.890		2500.000	32.800	U	121	%	64-118	*
1,2-Dibromo-3-chloropropane, High/Med	ug/Kg	2455.490		2500.000	60.500	U	98	%	56-102	
1,2,3-Trichlorobenzene, High/Med Level	ug/Kg	3028.935		2500.000	78.900	U	121	%	68-117	*

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

QUALITY CONTROL RESULTS

Job Number.: 223146 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		105803-001		12/29/2003	0943

Test Method.....: 8260B Equipment Code....: GCL16 Analyst...: jso
Method Description.: Volatile Organics Batch.....: 106045

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Dichlorodifluoromethane, High/Med Leve	ug/Kg	25.200	U							
Chloromethane, High/Med Level	ug/Kg	25.100	U							
Vinyl chloride, High/Med Level	ug/Kg	25.600	U							
Bromomethane, High/Med Level	ug/Kg	43.800	U							
Chloroethane, High/Med Level	ug/Kg	37.900	U							
Trichlorofluoromethane, High/Med Level	ug/Kg	21.700	U							
1,1-Dichloroethene, High/Med Level	ug/Kg	28.900	U							
Carbon disulfide, High/Med Level	ug/Kg	21.100	U							
Acetone, High/Med Level	ug/Kg	166.000	U							
Methylene chloride, High/Med Level	ug/Kg	88.800	U							
trans-1,2-Dichloroethene, High/Med Lev	ug/Kg	17.100	U							
Methyl-tert-butyl-ether (MTBE), High/M	ug/Kg	16.400	U							
1,1-Dichloroethane, High/Med Level	ug/Kg	21.900	U							
2,2-Dichloropropane, High/Med Level	ug/Kg	19.000	U							
cis-1,2-Dichloroethene, High/Med Level	ug/Kg	24.500	U							
2-Butanone (MEK), High/Med Level	ug/Kg	42.100	U							
Bromochloromethane, High/Med Level	ug/Kg	26.500	U							
Chloroform, High/Med Level	ug/Kg	25.600	U							
1,1,1-Trichloroethane, High/Med Level	ug/Kg	23.000	U							
1,1-Dichloropropene, High/Med Level	ug/Kg	18.900	U							
Carbon tetrachloride, High/Med Level	ug/Kg	16.300	U							
Benzene, High/Med Level	ug/Kg	15.700	U							
1,2-Dichloroethane, High/Med Level	ug/Kg	24.100	U							
Trichloroethene, High/Med Level	ug/Kg	44.800	U							
1,2-Dichloropropane, High/Med Level	ug/Kg	30.600	U							
Dibromomethane, High/Med Level	ug/Kg	55.100	U							
Bromodichloromethane, High/Med Level	ug/Kg	16.800	U							
cis-1,3-Dichloropropene, High/Med Leve	ug/Kg	17.600	U							
4-Methyl-2-pentanone (MIBK), High/Med	ug/Kg	37.800	U							
Toluene, High/Med Level	ug/Kg	19.800	U							
trans-1,3-Dichloropropene, High/Med Le	ug/Kg	16.700	U							
1,1,2-Trichloroethane, High/Med Level	ug/Kg	21.800	U							
Tetrachloroethene, High/Med Level	ug/Kg	33.500	U							
1,3-Dichloropropane, High/Med Level	ug/Kg	20.000	U							
2-Hexanone, High/Med Level	ug/Kg	42.600	U							
Dibromochloromethane, High/Med Level	ug/Kg	20.700	U							
1,2-Dibromoethane (EDB), High/Med Leve	ug/Kg	28.000	U							
Chlorobenzene, High/Med Level	ug/Kg	21.300	U							
1,1,1,2-Tetrachloroethane, High/Med Le	ug/Kg	19.000	U							
Ethylbenzene, High/Med Level	ug/Kg	23.200	U							
m&p-Xylenes, High/Med Level	ug/Kg	41.000	U							
o-Xylene, High/Med Level	ug/Kg	18.300	U							
Styrene, High/Med Level	ug/Kg	19.000	U							
Bromoform, High/Med Level	ug/Kg	22.700	U							
Isopropylbenzene, High/Med Level	ug/Kg	22.000	U							
Bromobenzene, High/Med Level	ug/Kg	25.400	U							
1,1,2,2-Tetrachloroethane, High/Med Le	ug/Kg	27.200	U							
1,2,3-Trichloropropane, High/Med Level	ug/Kg	31.500	U							
n-Propylbenzene, High/Med Level	ug/Kg	22.600	U							
2-Chlorotoluene, High/Med Level	ug/Kg	27.400	U							

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

QUALITY CONTROL RESULTS

Job Number.: 223146 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		105803-001		12/29/2003	0943

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
1,3,5-Trimethylbenzene, High/Med Level	ug/Kg	25.600	U							
4-Chlorotoluene, High/Med Level	ug/Kg	28.400	U							
tert-Butylbenzene, High/Med Level	ug/Kg	25.700	U							
1,2,4-Trimethylbenzene, High/Med Level	ug/Kg	26.400	U							
sec-Butylbenzene, High/Med Level	ug/Kg	27.900	U							
p-Isopropyltoluene, High/Med Level	ug/Kg	28.700	U							
n-Butylbenzene, High/Med Level	ug/Kg	32.800	U							
1,2-Dibromo-3-chloropropane, High/Med	ug/Kg	60.500	U							
1,2,3-Trichlorobenzene, High/Med Level	ug/Kg	78.900	U							

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

QUALITY CONTROL RESULTS

Job Number.: 223146 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

Test Method.....: 6010B Equipment Code....: ICP4 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 105896

LCS	Laboratory Control Sample	M03LSPK002	105475-002		12/30/2003 0235

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	187.56		200.00	2.40 U	94	%	80-120	
Antimony, Solid	mg/Kg	45.88		50.00	0.90 U	92	%	80-120	
Arsenic, Solid	mg/Kg	9.24		10.00	0.51 U	92	%	80-120	
Barium, Solid	mg/Kg	188.26		200.00	0.16 U	94	%	80-120	
Beryllium, Solid	mg/Kg	4.64		5.00	0.04 U	93	%	80-120	
Cadmium, Solid	mg/Kg	4.57		5.00	0.08 U	91	%	80-120	
Calcium, Solid	mg/Kg	949.00		1000.00	5.63 B	95	%	80-120	
Chromium, Solid	mg/Kg	18.90		20.00	0.22 U	94	%	80-120	
Cobalt, Solid	mg/Kg	46.41		50.00	0.14 U	93	%	80-120	
Copper, Solid	mg/Kg	24.06		25.00	0.90 U	96	%	80-120	
Iron, Solid	mg/Kg	91.54		100.00	3.00 U	92	%	80-120	
Magnesium, Solid	mg/Kg	932.25		1000.00	1.70 U	93	%	80-120	
Manganese, Solid	mg/Kg	48.23		50.00	0.13 U	96	%	80-120	
Nickel, Solid	mg/Kg	46.21		50.00	0.25 U	92	%	80-120	
Potassium, Solid	mg/Kg	834.51		1000.00	13.80 U	83	%	80-120	
Silver, Solid	mg/Kg	4.54		5.00	0.31 U	91	%	80-120	
Sodium, Solid	mg/Kg	898.02		1000.00	86.70 U	90	%	80-120	
Thallium, Solid	mg/Kg	10.04		10.00	0.66 U	100	%	80-120	
Zinc, Solid	mg/Kg	45.32		50.00	0.40 U	91	%	80-120	

LCS	Laboratory Control Sample	M03LSPK002	105382-002		12/30/2003 0656

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Calcium, Solid	mg/Kg	954.77		1000.00	5.72 B	95	%	80-120	
Copper, Solid	mg/Kg	24.19		25.00	0.90 U	97	%	80-120	
Magnesium, Solid	mg/Kg	944.84		1000.00	1.70 U	94	%	80-120	
Sodium, Solid	mg/Kg	906.37		1000.00	86.70 U	91	%	80-120	

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

QUALITY CONTROL RESULTS

Job Number.: 223146

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.....: 105896

Analyst...: tds

MB	Method Blank	105475	105475-001		12/30/2003	0229

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	5.63	B							
Chromium, Solid	mg/Kg	0.22	U							
Cobalt, Solid	mg/Kg	0.14	U							
Copper, Solid	mg/Kg	0.90	U							
Iron, Solid	mg/Kg	3.00	U							
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							
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	105382	105382-001		12/30/2003	0649

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Calcium, Solid	mg/Kg	5.72	B							
Copper, Solid	mg/Kg	0.90	U							
Magnesium, Solid	mg/Kg	1.70	U							
Sodium, Solid	mg/Kg	86.70	U							

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

QUALITY CONTROL RESULTS

Job Number.: 223146

Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MD	Method Duplicate		223146-10		12/30/2003	0416

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

Equipment Code....: ICP4
Batch.....: 105896

Analyst...: tds

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	8850.25				7753.04		13.2	R	20.0	
Antimony, Solid	mg/Kg	1.02	U			1.02	U	0.09	A	2.28	
Arsenic, Solid	mg/Kg	4.62				5.40		0.78	A	1.14	
Barium, Solid	mg/Kg	106.95				64.46		49.6	R	20.0	*
Beryllium, Solid	mg/Kg	0.59				0.60		0.01	A	0.46	
Cadmium, Solid	mg/Kg	0.09	U			0.09	U	0	A	0.23	
Calcium, Solid	mg/Kg	9728.02				11555.27		17.2	R	20.0	
Chromium, Solid	mg/Kg	14.84				12.07		20.6	R	20.0	*
Cobalt, Solid	mg/Kg	4.51				3.67		20.6	R	20.0	*
Copper, Solid	mg/Kg	5.93				6.58		10.4	R	20.0	
Iron, Solid	mg/Kg	12148.97				12583.54		3.5	R	20.0	
Magnesium, Solid	mg/Kg	1875.19				2111.37		11.8	R	20.0	
Manganese, Solid	mg/Kg	378.82				222.71		51.9	R	20.0	*
Nickel, Solid	mg/Kg	9.41				9.87		4.7	R	20.0	
Potassium, Solid	mg/Kg	454.56				448.25		1.4	R	20.0	
Silver, Solid	mg/Kg	0.35	U			0.35	U	0	A	0.57	
Sodium, Solid	mg/Kg	538.88				372.10		166.79	A	113.87	
Thallium, Solid	mg/Kg	0.75	U			0.75	U	0	A	1.14	
Zinc, Solid	mg/Kg	20.61				21.21		2.9	R	20.0	

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

QUALITY CONTROL RESULTS

Job Number.: 223146

Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	M03LSPK002	223146-10		12/30/2003	0422

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

Equipment Code....: ICP4
Batch.....: 105896

Analyst...: tds

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	15740.93		221.00	7753.04		3614	%	75-125	4
Antimony, Solid	mg/Kg	28.96		55.25	0.99	U	52	%	75-125	N
Arsenic, Solid	mg/Kg	14.38		11.05	5.40		81	%	75-125	
Barium, Solid	mg/Kg	283.06		221.00	64.46		99	%	75-125	
Beryllium, Solid	mg/Kg	5.49		5.53	0.60		89	%	75-125	
Cadmium, Solid	mg/Kg	4.49		5.53	0.09	U	81	%	75-125	
Calcium, Solid	mg/Kg	11031.12		1105.00	11555.27		-47	%	75-125	4
Chromium, Solid	mg/Kg	38.26		22.10	12.07		119	%	75-125	
Cobalt, Solid	mg/Kg	51.23		55.25	3.67		86	%	75-125	
Copper, Solid	mg/Kg	32.81		27.63	6.58		95	%	75-125	
Iron, Solid	mg/Kg	15247.66		110.50	12583.54		2411	%	75-125	4
Magnesium, Solid	mg/Kg	3617.95		1105.00	2111.37		136	%	75-125	N
Manganese, Solid	mg/Kg	232.68		55.25	222.71		18	%	75-125	4
Nickel, Solid	mg/Kg	56.71		55.25	9.87		85	%	75-125	
Potassium, Solid	mg/Kg	1644.77		1105.00	448.25		108	%	75-125	
Silver, Solid	mg/Kg	4.76		5.53	0.34	U	86	%	75-125	
Sodium, Solid	mg/Kg	1621.86		1105.00	372.10		113	%	75-125	
Thallium, Solid	mg/Kg	10.34		11.05	0.73	U	94	%	75-125	
Zinc, Solid	mg/Kg	69.55		55.25	21.21		87	%	75-125	

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

QUALITY CONTROL RESULTS

Job Number.: 223146 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	M03LSPK002	223146-10		12/30/2003	0428

Test Method.....: 6010B Equipment Code....: ICP4 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 105896

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	13647.19	15740.93	227.30	7753.04		2593	%	75-125	4
							32.9	R	20	*
Antimony, Solid	mg/Kg	29.13	28.96	56.82	1.02	U	51	%	75-125	N
							1.9	R	20	
Arsenic, Solid	mg/Kg	13.98	14.38	11.36	5.40		76	%	75-125	
							6.4	R	20	
Barium, Solid	mg/Kg	287.58	283.06	227.30	64.46		98	%	75-125	
							1.0	R	20	
Beryllium, Solid	mg/Kg	5.58	5.49	5.68	0.60		88	%	75-125	
							1.1	R	20	
Cadmium, Solid	mg/Kg	4.66	4.49	5.68	0.09	U	82	%	75-125	
							1.2	R	20	
Calcium, Solid	mg/Kg	7848.16	11031.12	1136.00	11555.27		-326	%	75-125	4
							-149.6	R	20	
Chromium, Solid	mg/Kg	36.12	38.26	22.73	12.07		106	%	75-125	
							11.6	R	20	
Cobalt, Solid	mg/Kg	53.25	51.23	56.82	3.67		87	%	75-125	
							1.2	R	20	
Copper, Solid	mg/Kg	32.24	32.81	28.41	6.58		90	%	75-125	
							5.4	R	20	
Iron, Solid	mg/Kg	13455.14	15247.66	113.60	12583.54		767	%	75-125	4
							103.5	R	20	*
Magnesium, Solid	mg/Kg	3401.86	3617.95	1136.00	2111.37		114	%	75-125	
							17.6	R	20	
Manganese, Solid	mg/Kg	309.73	232.68	56.82	222.71		153	%	75-125	N
							157.9	R	20	*
Nickel, Solid	mg/Kg	58.47	56.71	56.82	9.87		86	%	75-125	
							1.2	R	20	
Potassium, Solid	mg/Kg	1585.15	1644.77	1136.00	448.25		100	%	75-125	
							7.7	R	20	
Silver, Solid	mg/Kg	4.95	4.76	5.68	0.35	U	87	%	75-125	
							1.2	R	20	
Sodium, Solid	mg/Kg	1289.27	1621.86	1136.00	372.10		81	%	75-125	
							33.0	R	20	*
Thallium, Solid	mg/Kg	10.35	10.34	11.36	0.75	U	91	%	75-125	
							3.2	R	20	
Zinc, Solid	mg/Kg	70.36	69.55	56.82	21.21		87	%	75-125	
							0.0	R	20	

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

QUALITY CONTROL RESULTS

Job Number.: 223146 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
SD	Serial Dilution		223146-10		12/30/2003	0409

Test Method.....: 6010B Equipment Code....: ICP4 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 105896

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	1616.18				7753.04		4.2	D	10.0	
Antimony, Solid	mg/Kg	1.00	U			1.00	U				
Arsenic, Solid	mg/Kg	1.21				5.40					
Barium, Solid	mg/Kg	13.52				64.46		4.9	D	10.0	
Beryllium, Solid	mg/Kg	0.13	B			0.60					
Cadmium, Solid	mg/Kg	0.09	U			0.09	U				
Calcium, Solid	mg/Kg	2452.55				11555.27		6.1	D	10.0	
Chromium, Solid	mg/Kg	2.52				12.07					
Cobalt, Solid	mg/Kg	0.78				3.67					
Copper, Solid	mg/Kg	1.36				6.58					
Iron, Solid	mg/Kg	2723.11				12583.54		8.2	D	10.0	
Magnesium, Solid	mg/Kg	453.57				2111.37		7.4	D	10.0	
Manganese, Solid	mg/Kg	47.94				222.71		7.6	D	10.0	
Nickel, Solid	mg/Kg	2.17				9.87					
Potassium, Solid	mg/Kg	91.41				448.25					
Silver, Solid	mg/Kg	0.34	U			0.34	U				
Sodium, Solid	mg/Kg	96.08	U			372.10					
Thallium, Solid	mg/Kg	0.73	U			0.73	U				
Zinc, Solid	mg/Kg	4.81				21.21					

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

QUALITY CONTROL RESULTS

Job Number.: 223146

Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	MO3LSPK002	105475-002		12/30/2003	1307

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

Equipment Code....: ICP5
Batch.....: 106023

Analyst...: tds

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Lead, Solid	mg/Kg	9.90		10.00	0.43	U	99	%	80-120	
Selenium, Solid	mg/Kg	8.68		10.00	0.40	U	87	%	80-120	
Vanadium, Solid	mg/Kg	47.79		50.00	0.21	U	96	%	80-120	

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

QUALITY CONTROL RESULTS

Job Number.: 223146

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	105475	105475-001		12/30/2003	1300

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

Equipment Code....: ICP5
Batch.....: 106023

Analyst...: tds

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Lead, Solid	mg/Kg	0.43	U							
Selenium, Solid	mg/Kg	0.40	U							
Vanadium, Solid	mg/Kg	0.21	U							

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

QUALITY CONTROL RESULTS

Job Number.: 223146

Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MD	Method Duplicate		223146-10		12/30/2003	1454

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

Equipment Code....: ICP5
Batch.....: 106023

Analyst...: tds

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Lead, Solid	mg/Kg	15.05				13.44		11.3	R	20.0	
Selenium, Solid	mg/Kg	0.46	U			0.46	U	11.19	A	1.14	
Vanadium, Solid	mg/Kg	23.29				24.96		6.9	R	20.0	

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

QUALITY CONTROL RESULTS

Job Number.: 223146

Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	M03LSPK002	223146-10		12/30/2003	1501

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

Equipment Code....: ICP5
Batch.....: 106023

Analyst...: tds

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Lead, Solid	mg/Kg	21.21		11.05	13.44		70	%	75-125	N
Selenium, Solid	mg/Kg	8.73		11.05	0.44	U	79	%	75-125	
Vanadium, Solid	mg/Kg	77.42		55.25	24.96		95	%	75-125	

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

QUALITY CONTROL RESULTS

Job Number.: 223146

Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	M03LSPK002	223146-10		12/30/2003	1508

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

Equipment Code....: ICP5
Batch.....: 106023

Analyst...: tds

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Lead, Solid	mg/Kg	24.40	21.21	11.36	13.44		96	%	75-125	
							31.3	R	20	*
Selenium, Solid	mg/Kg	9.18	8.73	11.36	0.45	U	81	%	75-125	
							2.5	R	20	
Vanadium, Solid	mg/Kg	75.39	77.42	56.82	24.96		89	%	75-125	
							6.5	R	20	

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

QUALITY CONTROL RESULTS

Job Number.: 223146 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
SD	Serial Dilution		223146-10		12/30/2003	1447

Test Method.....: 601DB Equipment Code....: ICP5 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 106023

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Lead, Solid	mg/Kg	2.98				13.44					
Selenium, Solid	mg/Kg	0.44	U			0.44	U				
Vanadium, Solid	mg/Kg	5.19				24.96		4.0	D	10.0	

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

QUALITY CONTROL RESULTS

Job Number.: 223146

Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	M03LSPK002	105477-002		12/30/2003	1719

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

Equipment Code....: ICP3
Batch.....: 106067

Analyst...: tds

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Vanadium, Solid	mg/Kg	45.04		50.00	0.21 U	90	%	80-120	

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

QUALITY CONTROL RESULTS

Job Number.: 223146

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	105477	105477-001		12/30/2003	1712

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

Equipment Code....: ICP3
Batch.....: 106067

Analyst...: tds

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

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

QUALITY CONTROL RESULTS

Job Number.: 223146 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.....: 105796
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	105796-001		%	0.1000 U								12/29/2003	2140

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

Batch.....: 105685
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	105667-007		mg/Kg	0.00 U								12/26/2003	1520
LCS	105667-008	M02ESTK010	mg/Kg	0.17		0.17	0.00 U	99		%	80-120	12/26/2003	1522

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

REPORT COMMENTS

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

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

Inorganic Qualifiers (Q-Column)

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

Inorganic Flags (Flag Column)

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

Organic Qualifiers (Q - Column)

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

Organic Flags (Flags Column)

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

greater than 25%.

Abbreviations

AS	Post Digestion Spike (GFAA Samples - See Note 1 below)
Batch	Designation given to identify a specific extraction, digestion, preparation set, or analysis set
CAP	Capillary Column CCB Continuing Calibration Blank
CCV	Continuing Calibration Verification
CF	Confirmation analysis of original
C1	Confirmation analysis of A1 or D1
C2	Confirmation analysis of A2 or D2
C3	Confirmation analysis of A3 or D3
CRA	Low Level Standard Check - GFAA; Mercury
CRI	Low Level Standard Check - ICP
CV	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

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

Note 1: The Post Spike Designation on Batch QC for GFAA is designated with an "S" added to the current abbreviation used. EX. LCS S=LCS Post Spike (GFAA); MSS=MS Post Spike (GFAA)

Note 2: The MD calculates an absolute difference (A) when the sample concentration is less than 5 times the reporting limit. The control limit is represented as +/- the RL.

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SEVERN TRENT LABORATORIES ANALYTICAL REPORT

JOB NUMBER: 223218

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

Name: Richard C. Wright

Title: Project Manager

E-Mail: rwright@stl-inc.com

1/28/04

Date

STL Chicago
2417 Bond Street
University Park, IL 60466

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

This Report Contains (91) Pages

STL Chicago
Wet Chemistry Case Narrative

Client: **SCS Engineers, Inc.**
Job Number: **223218** Date Rec'd: 12/19/03

1. This narrative covers the analysis of one sample in the above Job # for pH by SW 846 method 9045C.

2. See the Laboratory Chronicle for the dates of collection, receipt, and analysis.

3. The initial and continuing calibration verification buffers were within acceptance limits.

4. The absolute difference between the pH duplicates was high, at 0.23. See the Quality Control Results pages for details.

(b) (6) [redacted]

Diane L. Harper
Wet Chemistry Section Manager

1-2-04
Date

Severn Trent Laboratories - Chicago
METALS CASE NARRATIVE

Client: SCS Engineers, Inc. Date Rec'd: 12/19/03
Project. GSA - SLOP
STL#: 223218

1. This narrative covers Metals analysis of samples in the above Job 223218.

   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.

7. Laboratory Control Sample (LCS) recoveries were within the 80-120% control limit.

8. Matrix QC performed on Sample 1.

   Serial dilution analysis was within control limits except for Zn.

   Matrix Spike recovery was within the 75-125% control limits except for Sb, K-, Mg, and Hg for the MS, and Sb and K- for the 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, Cu, Pb and Mn.

(b) (6) [redacted]

Jodi L. Wojcik
Metals Unit Leader

1/5/04
Date

Severn Trent Laboratories Chicago
GC/MS Case Narrative

SCS Engineers
GSA - SLOP
Job Number: 223218
VOA DATA:

1. The sample preparation and analyses were performed within the recommended hold times from the date of collection.

2. The Method Blank and Extraction Blanks had all target compounds below the reporting limits.

3. All of the spike recoveries for the control compounds were within the in-house generated QC limits in the LCS samples.

4. Matrix Spike/Matrix Spike Duplicate analyses were not performed on this sample set.

5. All volatile samples had surrogate recoveries within the in-house generated QC limits.

6. The soil samples were prepared using Method 5035 and analyzed following SW846 Method 8260B/8000B. All calibration criteria are met per method or SOP (for minimum R values for certain compounds). The low point in the initial calibration verifies the base reporting limits. The target compounds were quantitated using the initial calibration.

7. All internal standard areas and retention times were within SOP acceptance limits as compared to the corresponding calibration verification standard.

8. The soil samples were analyzed using the low-level soil method. The results and reporting limits were adjusted to account for the sample weights the analytical procedure and on a dry weight basis.

9. The soil samples underwent an effervescence test. Samples 1, 3 and 5 effervesced when mixed with preservative. The soil samples were prepared in water and immediately frozen.

(b) (6) [redacted]

Louis Manzano
GC/MS VOA Dept.

1-2-04
Date

STL Chicago
PCB Case Narrative

SCS Engineers, Inc.
GSA – SLOP - Investigation
Job #: 223218-1, 2, 3, 4, 6 through 17, 19, 20, 21, 22, and 23
PCBs

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

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

2. These soil 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. The blank spike recoveries were within statistical control limits.

8. A matrix spike and a matrix spike duplicate were performed on sample 223218-1 (SBSS12). All matrix spike and matrix spike duplicate recoveries and RPDs were within statistical control limits.

9. All initial and continuing standard calibrations associated with these samples were in control on both columns.

10. Target compounds were confirmed using a second column.

11. Samples 223218-22 and 223218-23 were analyzed at 1/10 dilutions due to level of target compounds as well as sample matrix. Reporting limits have been adjusted to reflect the necessary dilutions.

(b) (6) [redacted]

Patti Gibson
Organics Section Manager

1/5/04
Date

STL Chicago
Extractable Hydrocarbon Case Narrative

SCS Engineering, Inc.
GSA – SLOP - Investigation
Job #: 223218-10, 19, 20, 21, 22, and 23
Diesel Range Organics (DRO)

1. These soil samples were 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 not performed on a sample from this SDG.

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 these samples were in control.

9. Not all samples had DRO detected but those that did appear to match a typical fuel type pattern that is "heavier" than Diesel fuel.

(b) (6)

Patti Gibson
Organics Section Manager

12/31/03
Date

STL Chicago
Explosives Case Narrative

SCS Engineers, Inc.
GSA – SLOP - Investigation
Job #: 223218-1, 2, 6, 7, 8, 9, 11, 12, 13, 14, 15, 16, and 17
Explosives

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

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

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

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

4. The method blank was below the reporting limit for all target compounds.

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

6. All blank spike recoveries were within statistical control limits.

7. A matrix spike and a matrix spike duplicate were performed on sample 223218-12 (SBSS23). All matrix spike and matrix spike duplicate recoveries were within statistical control limits except Tetryl, which had 30% recovery for both. All RPDs were <30%. This could be attributed to sample matrix.

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

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

(b) (6)

Patti Gibson
Organics Section Manager

12/31/03
Date

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SAMPLE INFORMATION
Date: 01/28/2004

Job Number.: 223218
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
223218-1	SB18	Soil	12/17/2003	10:15	12/19/2003	10:15
223218-2	SB19	Soil	12/17/2003	11:15	12/19/2003	10:15
223218-3	SB20	Soil	12/17/2003	12:20	12/19/2003	10:15
223218-4	SB21	Soil	12/17/2003	12:50	12/19/2003	10:15
223218-5	SB22	Soil	12/17/2003	13:45	12/19/2003	10:15
223218-6	SB23	Soil	12/17/2003	14:00	12/19/2003	10:15
223218-7	SB24	Soil	12/17/2003	14:30	12/19/2003	10:15
223218-8	SB25	Soil	12/17/2003	15:10	12/19/2003	10:15
223218-9	SB26	Soil	12/17/2003	15:45	12/19/2003	10:15
223218-10	SB27	Soil	12/17/2003	17:00	12/19/2003	10:15
223218-11	SB28	Soil	12/17/2003	08:30	12/19/2003	10:15
223218-12	SB29	Soil	12/17/2003	09:00	12/19/2003	10:15
223218-13	SB30	Soil	12/17/2003	09:45	12/19/2003	10:15
223218-14	SB31	Soil	12/17/2003	10:30	12/19/2003	10:15
223218-15	SB32	Soil	12/17/2003	11:15	12/19/2003	10:15
223218-16	SB33	Soil	12/17/2003	13:00	12/19/2003	10:15
223218-17	SB34	Soil	12/17/2003	13:45	12/19/2003	10:15
223218-18	SB35	Soil	12/17/2003	14:15	12/19/2003	10:15
223218-19	SB36	Soil	12/17/2003	15:15	12/19/2003	10:15
223218-20	SB37	Soil	12/17/2003	16:10	12/19/2003	10:15
223218-21	SB38	Soil	12/17/2003	16:30	12/19/2003	10:15
223218-22	SB39	Soil	12/17/2003	17:10	12/19/2003	10:15
223218-23	SB40	Soil	12/17/2003	17:30	12/19/2003	10:15

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB18
Date Sampled.....: 12/17/2003
Time Sampled.....: 10:15
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-1
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	80.0			0.10	0.10	1	%	105971		12/30/03 2040	clb
	% Moisture, Solid	20.0			0.10	0.10	1	%	105971		12/30/03 2040	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	NO	U		3.6	21	1.00000	ug/Kg	105996		12/29/03 1546	mgk
	Aroclor 1221, Solid*	ND	U		8.4	21	1.00000	ug/Kg	105996		12/29/03 1546	mgk
	Aroclor 1232, Solid*	ND	U		3.8	21	1.00000	ug/Kg	105996		12/29/03 1546	mgk
	Aroclor 1242, Solid*	ND	U		7.9	21	1.00000	ug/Kg	105996		12/29/03 1546	mgk
	Aroclor 1248, Solid*	ND	U		2.9	21	1.00000	ug/Kg	105996		12/29/03 1546	mgk
	Aroclor 1254, Solid*	ND	U		3.4	21	1.00000	ug/Kg	105996		12/29/03 1546	mgk
	Aroclor 1260, Solid*	ND	U		3.1	21	1.00000	ug/Kg	105996		12/29/03 1546	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND	U		110	250	1.00000	ug/Kg	105995		12/29/03 2204	san
	RDX, Solid	ND	U		58	99	1.00000	ug/Kg	105995		12/29/03 2204	san
	1,3,5-Trinitrobenzene, Solid	ND	U		17	99	1.00000	ug/Kg	105995		12/29/03 2204	san
	1,3-Dinitrobenzene, Solid	ND	U		18	99	1.00000	ug/Kg	105995		12/29/03 2204	san
	Nitrobenzene, Solid	ND	U		22	99	1.00000	ug/Kg	105995		12/29/03 2204	san
	2,4,6-TNT, Solid	ND	U		33	99	1.00000	ug/Kg	105995		12/29/03 2204	san
	Tetryl, Solid	ND	U		43	200	1.00000	ug/Kg	105995		12/29/03 2204	san
	2,4-Dinitrotoluene, Solid	ND	U		35	99	1.00000	ug/Kg	105995		12/29/03 2204	san
	2,6-Dinitrotoluene, Solid	ND	U		47	200	1.00000	ug/Kg	105995		12/29/03 2204	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		35	200	1.00000	ug/Kg	105995		12/29/03 2204	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		96	200	1.00000	ug/Kg	105995		12/29/03 2204	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	105995		12/29/03 2204	san
	4-Nitrotoluene, Solid	ND	U		46	490	1.00000	ug/Kg	105995		12/29/03 2204	san
	3-Nitrotoluene, Solid	ND	U		49	200	1.00000	ug/Kg	105995		12/29/03 2204	san

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB18
Date Sampled.....: 12/17/2003
Time Sampled.....: 10:15
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-1
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.032			0.0054	0.021	1	mg/Kg	106028		12/31/03 1407	daj
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	14000			2.9	24	1	mg/Kg	106021		12/31/03 0115	tds
	Antimony, Solid*	ND	U		1.1	2.4	1	mg/Kg	106021		12/31/03 0115	tds
	Arsenic, Solid*	5.5			0.61	1.2	1	mg/Kg	106021		12/31/03 0115	tds
	Barium, Solid*	100			0.19	1.2	1	mg/Kg	106021		12/31/03 0115	tds
	Beryllium, Solid*	0.86			0.053	0.48	1	mg/Kg	106021		12/31/03 0115	tds
	Cadmium, Solid*	ND	U		0.096	0.24	1	mg/Kg	106021		12/31/03 0115	tds
	Calcium, Solid*	1800			3.7	12	1	mg/Kg	106021		12/31/03 0115	tds
	Chromium, Solid*	21			0.26	1.2	1	mg/Kg	106021		12/31/03 0115	tds
	Cobalt, Solid*	5.1			0.17	0.60	1	mg/Kg	106021		12/31/03 0115	tds
	Copper, Solid*	12			1.1	1.2	1	mg/Kg	106021		12/31/03 0115	tds
	Iron, Solid*	17000			3.6	6.0	1	mg/Kg	106021		12/31/03 0115	tds
	Lead, Solid*	7.3			0.52	0.60	1	mg/Kg	106021		12/31/03 0115	tds
	Magnesium, Solid*	2500			2.0	12	1	mg/Kg	106021		12/31/03 0115	tds
	Manganese, Solid*	260			0.16	1.2	1	mg/Kg	106021		12/31/03 0115	tds
	Nickel, Solid*	14			0.30	1.2	1	mg/Kg	106021		12/31/03 0115	tds
	Potassium, Solid*	800			17	60	1	mg/Kg	106131		01/01/04 0033	lmr
	Selenium, Solid*	ND	U		0.48	1.2	1	mg/Kg	106021		12/31/03 0115	tds
	Silver, Solid*	ND	U		0.37	0.60	1	mg/Kg	106021		12/31/03 0115	tds
	Sodium, Solid*	220			100	120	1	mg/Kg	106021		12/31/03 0115	tds
	Thallium, Solid*	ND	U		0.79	1.2	1	mg/Kg	106021		12/31/03 0115	tds
	Vanadium, Solid*	32			0.25	0.60	1	mg/Kg	106131		01/01/04 0033	lmr
	Zinc, Solid*	34			0.48	2.4	1	mg/Kg	106021		12/31/03 0115	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB19
Date Sampled.....: 12/17/2003
Time Sampled.....: 11:15
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-2
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	80.1			0.10	0.10	1	%	105971		12/30/03 2040	clb
	% Moisture, Solid	19.9			0.10	0.10	1	%	105971		12/30/03 2040	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.6	21	1.00000	ug/Kg	105996		12/29/03 1757	mgk
	Aroclor 1221, Solid*	ND	U		8.3	21	1.00000	ug/Kg	105996		12/29/03 1757	mgk
	Aroclor 1232, Solid*	ND	U		3.7	21	1.00000	ug/Kg	105996		12/29/03 1757	mgk
	Aroclor 1242, Solid*	ND	U		7.8	21	1.00000	ug/Kg	105996		12/29/03 1757	mgk
	Aroclor 1248, Solid*	ND	U		2.9	21	1.00000	ug/Kg	105996		12/29/03 1757	mgk
	Aroclor 1254, Solid*	ND	U		3.3	21	1.00000	ug/Kg	105996		12/29/03 1757	mgk
	Aroclor 1260, Solid*	ND	U		3.1	21	1.00000	ug/Kg	105996		12/29/03 1757	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND	U		110	250	1.00000	ug/Kg	105995		12/29/03 2236	san
	RDX, Solid	ND	U		58	100	1.00000	ug/Kg	105995		12/29/03 2236	san
	1,3,5-Trinitrobenzene, Solid	ND	U		17	100	1.00000	ug/Kg	105995		12/29/03 2236	san
	1,3-Dinitrobenzene, Solid	ND	U		18	100	1.00000	ug/Kg	105995		12/29/03 2236	san
	Nitrobenzene, Solid	ND	U		22	100	1.00000	ug/Kg	105995		12/29/03 2236	san
	2,4,6-TNT, Solid	ND	U		34	100	1.00000	ug/Kg	105995		12/29/03 2236	san
	Tetryl, Solid	ND	U		43	200	1.00000	ug/Kg	105995		12/29/03 2236	san
	2,4-Dinitrotoluene, Solid	ND	U		35	100	1.00000	ug/Kg	105995		12/29/03 2236	san
	2,6-Dinitrotoluene, Solid	ND	U		47	200	1.00000	ug/Kg	105995		12/29/03 2236	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		36	200	1.00000	ug/Kg	105995		12/29/03 2236	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		97	200	1.00000	ug/Kg	105995		12/29/03 2236	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	105995		12/29/03 2236	san
	4-Nitrotoluene, Solid	ND	U		46	500	1.00000	ug/Kg	105995		12/29/03 2236	san
	3-Nitrotoluene, Solid	ND	U		50	200	1.00000	ug/Kg	105995		12/29/03 2236	san

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB19
Date Sampled.....: 12/17/2003
Time Sampled.....: 11:15
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-2
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.035			0.0054	0.021	1	mg/Kg	106028		12/31/03 1415	daj
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	15000			2.9	24	1	mg/Kg	106021		12/31/03 0146	tds
	Antimony, Solid*	ND	U		1.1	2.4	1	mg/Kg	106021		12/31/03 0146	tds
	Arsenic, Solid*	4.4			0.62	1.2	1	mg/Kg	106021		12/31/03 0146	tds
	Barium, Solid*	240			0.19	1.2	1	mg/Kg	106021		12/31/03 0146	tds
	Beryllium, Solid*	0.71			0.053	0.48	1	mg/Kg	106021		12/31/03 0146	tds
	Cadmium, Solid*	ND	U		0.097	0.24	1	mg/Kg	106021		12/31/03 0146	tds
	Calcium, Solid*	2600			3.8	12	1	mg/Kg	106021		12/31/03 0146	tds
	Chromium, Solid*	24			0.27	1.2	1	mg/Kg	106021		12/31/03 0146	tds
	Cobalt, Solid*	7.4			0.17	0.61	1	mg/Kg	106021		12/31/03 0146	tds
	Copper, Solid*	15			1.1	1.2	1	mg/Kg	106021		12/31/03 0146	tds
	Iron, Solid*	18000			3.6	6.1	1	mg/Kg	106021		12/31/03 0146	tds
	Lead, Solid*	8.0			0.52	0.61	1	mg/Kg	106021		12/31/03 0146	tds
	Magnesium, Solid*	3100			2.1	12	1	mg/Kg	106021		12/31/03 0146	tds
	Manganese, Solid*	1100			0.16	1.2	1	mg/Kg	106021		12/31/03 0146	tds
	Nickel, Solid*	21			0.30	1.2	1	mg/Kg	106021		12/31/03 0146	tds
	Potassium, Solid*	1300			17	61	1	mg/Kg	106131		01/01/04 0107	lmr
	Selenium, Solid*	ND	U		0.48	1.2	1	mg/Kg	106021		12/31/03 0146	tds
	Silver, Solid*	ND	U		0.38	0.61	1	mg/Kg	106021		12/31/03 0146	tds
	Sodium, Solid*	430			100	120	1	mg/Kg	106021		12/31/03 0146	tds
	Thallium, Solid*	ND	U		0.80	1.2	1	mg/Kg	106021		12/31/03 0146	tds
	Vanadium, Solid*	27			0.25	0.61	1	mg/Kg	106131		01/01/04 0107	lmr
	Zinc, Solid*	52			0.48	2.4	1	mg/Kg	106021		12/31/03 0146	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB20
Date Sampled.....: 12/17/2003
Time Sampled.....: 12:20
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-3
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	78.9			0.10	0.10	1	%	105971		12/30/03 2040	clb
	% Moisture, Solid	21.1			0.10	0.10	1	%	105971		12/30/03 2040	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.7	21	1.00000	ug/Kg	105996		12/29/03 1830	mgk
	Aroclor 1221, Solid*	ND	U		8.5	21	1.00000	ug/Kg	105996		12/29/03 1830	mgk
	Aroclor 1232, Solid*	ND	U		3.8	21	1.00000	ug/Kg	105996		12/29/03 1830	mgk
	Aroclor 1242, Solid*	ND	U		8.0	21	1.00000	ug/Kg	105996		12/29/03 1830	mgk
	Aroclor 1248, Solid*	ND	U		2.9	21	1.00000	ug/Kg	105996		12/29/03 1830	mgk
	Aroclor 1254, Solid*	ND	U		3.4	21	1.00000	ug/Kg	105996		12/29/03 1830	mgk
	Aroclor 1260, Solid*	ND	U		3.2	21	1.00000	ug/Kg	105996		12/29/03 1830	mgk
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.035			0.0054	0.021	1	mg/Kg	106028		12/31/03 1424	daj
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	14000			2.8	23	1	mg/Kg	106021		12/31/03 0152	tds
	Antimony, Solid*	ND	U		1.0	2.3	1	mg/Kg	106021		12/31/03 0152	tds
	Arsenic, Solid*	9.2			0.59	1.2	1	mg/Kg	106021		12/31/03 0152	tds
	Barium, Solid*	170			0.19	1.2	1	mg/Kg	106021		12/31/03 0152	tds
	Beryllium, Solid*	0.97			0.051	0.46	1	mg/Kg	106021		12/31/03 0152	tds
	Cadmium, Solid*	ND	U		0.093	0.23	1	mg/Kg	106021		12/31/03 0152	tds
	Calcium, Solid*	7900			3.6	12	1	mg/Kg	106021		12/31/03 0152	tds
	Chromium, Solid*	19			0.25	1.2	1	mg/Kg	106021		12/31/03 0152	tds
	Cobalt, Solid*	8.5			0.16	0.58	1	mg/Kg	106021		12/31/03 0152	tds
	Copper, Solid*	18			1.0	1.2	1	mg/Kg	106021		12/31/03 0152	tds
	Iron, Solid*	21000			3.5	5.8	1	mg/Kg	106021		12/31/03 0152	tds
	Lead, Solid*	13			0.50	0.58	1	mg/Kg	106021		12/31/03 0152	tds

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB20
Date Sampled.....: 12/17/2003
Time Sampled.....: 12:20
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-3
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Magnesium, Solid*	3200			2.0	12	1	mg/Kg	106021		12/31/03 0152	tds
	Manganese, Solid*	760			0.15	1.2	1	mg/Kg	106021		12/31/03 0152	tds
	Nickel, Solid*	23			0.29	1.2	1	mg/Kg	106021		12/31/03 0152	tds
	Potassium, Solid*	1200			16	58	1	mg/Kg	106131		01/01/04 0113	lmr
	Selenium, Solid*	0.48	B		0.46	1.2	1	mg/Kg	106021		12/31/03 0152	tds
	Silver, Solid*	ND	U		0.36	0.58	1	mg/Kg	106021		12/31/03 0152	tds
	Sodium, Solid*	690			100	120	1	mg/Kg	106021		12/31/03 0152	tds
	Thallium, Solid*	ND	U		0.76	1.2	1	mg/Kg	106021		12/31/03 0152	tds
	Vanadium, Solid*	37			0.24	0.58	1	mg/Kg	106131		01/01/04 0113	lmr
	Zinc, Solid*	54			0.46	2.3	1	mg/Kg	106021		12/31/03 0152	tds
8260B	Volatile Organics											
	Dichlorodifluoromethane, Solid*	ND	U		0.91	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	Chloromethane, Solid*	ND	U		1.4	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	Vinyl chloride, Solid*	ND	U		1.4	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	Bromomethane, Solid*	ND	U		1.6	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	Chloroethane, Solid*	ND	U		1.3	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	Trichlorofluoromethane, Solid*	ND	U		1.8	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	1,1-Dichloroethene, Solid*	ND	U		1.6	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	Carbon disulfide, Solid*	ND	U		1.5	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	Acetone, Solid*	130			5.8	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	Methylene chloride, Solid*	ND	U		3.6	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	trans-1,2-Dichloroethene, Solid*	ND	U		1.4	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	Methyl-tert-butyl-ether (MTBE), Solid*	ND	U		1.3	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	1,1-Dichloroethane, Solid*	ND	U		1.3	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	2,2-Dichloropropane, Solid*	ND	U		1.2	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	cis-1,2-Dichloroethene, Solid*	ND	U		1.4	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	2-Butanone (MEK), Solid*	ND	U		4.9	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	Bromochloromethane, Solid*	ND	U		1.4	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB20
Date Sampled.....: 12/17/2003
Time Sampled.....: 12:20
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-3
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Chloroform, Solid*	ND	U		1.4	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	1,1,1-Trichloroethane, Solid*	ND	U		1.4	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	1,1-Dichloropropene, Solid*	ND	U		1.5	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	Carbon tetrachloride, Solid*	ND	U		1.4	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	Benzene, Solid*	ND	U		1.4	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	1,2-Dichloroethane, Solid*	ND	U		1.2	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	Trichloroethene, Solid*	ND	U		1.4	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	1,2-Dichloropropane, Solid*	ND	U		1.3	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	Dibromomethane, Solid*	ND	U		1.4	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	Bromodichloromethane, Solid*	ND	U		1.2	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	cis-1,3-Dichloropropene, Solid*	ND	U		1.2	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	4-Methyl-2-pentanone (MIBK), Solid*	ND	U		1.3	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	Toluene, Solid*	ND	U		1.4	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	trans-1,3-Dichloropropene, Solid*	ND	U		0.99	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	1,1,2-Trichloroethane, Solid*	ND	U		1.4	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	Tetrachloroethene, Solid*	ND	U		1.5	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	1,3-Dichloropropane, Solid*	ND	U		1.2	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	2-Hexanone, Solid*	ND	U		1.4	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	Dibromochloromethane, Solid*	ND	U		0.99	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	1,2-Dibromoethane (EDB), Solid*	ND	U		1.0	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	Chlorobenzene, Solid*	ND	U		1.4	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	1,1,1,2-Tetrachloroethane, Solid*	ND	U		1.4	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	Ethylbenzene, Solid*	ND	U		1.4	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	m&p-Xylenes, Solid*	ND	U		2.9	13	1.00000	ug/Kg	106164		12/26/03 2004	lm
	o-Xylene, Solid*	ND	U		1.4	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	Styrene, Solid*	ND	U		1.4	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	Bromoform, Solid*	ND	U		0.94	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	Isopropylbenzene, Solid*	ND	U		1.4	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	Bromobenzene, Solid*	ND	U		1.3	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB20
Date Sampled.....: 12/17/2003
Time Sampled.....: 12:20
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-3
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	1,1,2,2-Tetrachloroethane, Solid*	41			1.2	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	1,2,3-Trichloropropane, Solid*	ND	U		1.4	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	n-Propylbenzene, Solid*	ND	U		1.6	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	2-Chlorotoluene, Solid*	ND	U		1.6	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	1,3,5-Trimethylbenzene, Solid*	ND	U		1.6	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	4-Chlorotoluene, Solid*	ND	U		1.6	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	tert-Butylbenzene, Solid*	ND	U		1.5	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	1,2,4-Trimethylbenzene, Solid*	ND	U		1.8	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	sec-Butylbenzene, Solid*	ND	U		1.5	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	p-Isopropyltoluene, Solid*	ND	U		1.6	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	n-Butylbenzene, Solid*	ND	U		1.6	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	1,2-Dibromo-3-chloropropane, Solid*	ND	U		1.5	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm
	1,2,3-Trichlorobenzene, Solid*	ND	U		1.9	6.3	1.00000	ug/Kg	106164		12/26/03 2004	lm

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB21
Date Sampled.....: 12/17/2003
Time Sampled.....: 12:50
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-4
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	86.5			0.10	0.10	1	%	105971		12/30/03 2040	clb
	% Moisture, Solid	13.5			0.10	0.10	1	%	105971		12/30/03 2040	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U		3.3	19	1.00000	ug/Kg	105996		12/29/03 1902	mgk
	Aroclor 1221, Solid*	ND		U		7.7	19	1.00000	ug/Kg	105996		12/29/03 1902	mgk
	Aroclor 1232, Solid*	ND		U		3.5	19	1.00000	ug/Kg	105996		12/29/03 1902	mgk
	Aroclor 1242, Solid*	ND		U		7.3	19	1.00000	ug/Kg	105996		12/29/03 1902	mgk
	Aroclor 1248, Solid*	ND		U		2.7	19	1.00000	ug/Kg	105996		12/29/03 1902	mgk
	Aroclor 1254, Solid*	ND		U		3.1	19	1.00000	ug/Kg	105996		12/29/03 1902	mgk
	Aroclor 1260, Solid*	ND		U		2.9	19	1.00000	ug/Kg	105996		12/29/03 1902	mgk
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	ND		U		0.0050	0.019	1	mg/Kg	106028		12/31/03 1426	daj
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	610				2.5	21	1	mg/Kg	106021		12/31/03 0159	tds
	Antimony, Solid*	ND		U		0.93	2.1	1	mg/Kg	106021		12/31/03 0159	tds
	Arsenic, Solid*	ND		U		0.53	1.0	1	mg/Kg	106021		12/31/03 0159	tds
	Barium, Solid*	7.8				0.17	1.0	1	mg/Kg	106021		12/31/03 0159	tds
	Beryllium, Solid*	0.051		B		0.046	0.42	1	mg/Kg	106021		12/31/03 0159	tds
	Cadmium, Solid*	0.17		B		0.083	0.21	1	mg/Kg	106021		12/31/03 0159	tds
	Calcium, Solid*	360000				16	52	5	mg/Kg	106131		01/01/04 0201	lmr
	Chromium, Solid*	5.6				0.23	1.0	1	mg/Kg	106021		12/31/03 0159	tds
	Cobalt, Solid*	0.48		B		0.15	0.52	1	mg/Kg	106021		12/31/03 0159	tds
	Copper, Solid*	ND		U		0.93	1.0	1	mg/Kg	106021		12/31/03 0159	tds
	Iron, Solid*	1400				3.1	5.2	1	mg/Kg	106021		12/31/03 0159	tds
	Lead, Solid*	ND		U		0.45	0.52	1	mg/Kg	106021		12/31/03 0159	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB21
Date Sampled.....: 12/17/2003
Time Sampled.....: 12:50
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-4
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Magnesium, Solid*	9300			1.8	10	1	mg/Kg	106021		12/31/03 0159	tds
	Manganese, Solid*	180			0.14	1.0	1	mg/Kg	106021		12/31/03 0159	tds
	Nickel, Solid*	3.2			0.26	1.0	1	mg/Kg	106021		12/31/03 0159	tds
	Potassium, Solid*	380			72	260	5	mg/Kg	106131		01/01/04 0201	lmr
	Selenium, Solid*	ND	U		0.42	1.0	1	mg/Kg	106021		12/31/03 0159	tds
	Silver, Solid*	ND	U		0.32	0.52	1	mg/Kg	106021		12/31/03 0159	tds
	Sodium, Solid*	270			90	100	1	mg/Kg	106021		12/31/03 0159	tds
	Thallium, Solid*	0.87	B		0.69	1.0	1	mg/Kg	106021		12/31/03 0159	tds
	Vanadium, Solid*	3.1			1.1	2.6	5	mg/Kg	106131		01/01/04 0201	lmr
	Zinc, Solid*	5.8			0.42	2.1	1	mg/Kg	106021		12/31/03 0159	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB22
Date Sampled.....: 12/17/2003
Time Sampled.....: 13:45
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-5
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	80.2			0.10	0.10	1	%	105971		12/30/03 2040	clb
	% Moisture, Solid	19.8			0.10	0.10	1	%	105971		12/30/03 2040	clb
9045C	pH (Soil)											
	Corrosivity (pH Solid), Solid	9.3				0.2	1	pH Units	106149		01/02/04 1209	nrp
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	560			11	41	2000	mg/Kg	106028		12/31/03 1520	daj
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	11000			2.8	24	1	mg/Kg	106021		12/31/03 0233	tds
	Antimony, Solid*	ND	U		1.1	2.4	1	mg/Kg	106021		12/31/03 0233	tds
	Arsenic, Solid*	7.6			0.60	1.2	1	mg/Kg	106021		12/31/03 0233	tds
	Barium, Solid*	150			0.19	1.2	1	mg/Kg	106021		12/31/03 0233	tds
	Beryllium, Solid*	0.69			0.052	0.47	1	mg/Kg	106021		12/31/03 0233	tds
	Cadmium, Solid*	0.32			0.094	0.24	1	mg/Kg	106021		12/31/03 0233	tds
	Calcium, Solid*	45000			3.7	12	1	mg/Kg	106021		12/31/03 0233	tds
	Chromium, Solid*	44			0.26	1.2	1	mg/Kg	106021		12/31/03 0233	tds
	Cobalt, Solid*	5.5			0.17	0.59	1	mg/Kg	106021		12/31/03 0233	tds
	Copper, Solid*	54			1.1	1.2	1	mg/Kg	106021		12/31/03 0233	tds
	Iron, Solid*	21000			3.5	5.9	1	mg/Kg	106021		12/31/03 0233	tds
	Lead, Solid*	140			0.51	0.59	1	mg/Kg	106021		12/31/03 0233	tds
	Magnesium, Solid*	9300			2.0	12	1	mg/Kg	106021		12/31/03 0233	tds
	Manganese, Solid*	320			0.15	1.2	1	mg/Kg	106021		12/31/03 0233	tds
	Nickel, Solid*	14			0.29	1.2	1	mg/Kg	106021		12/31/03 0233	tds
	Potassium, Solid*	1500			16	59	1	mg/Kg	106131		01/01/04 0207	lmr
	Selenium, Solid*	0.48	B		0.47	1.2	1	mg/Kg	106021		12/31/03 0233	tds
	Silver, Solid*	ND	U		0.37	0.59	1	mg/Kg	106021		12/31/03 0233	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB22
Date Sampled.....: 12/17/2003
Time Sampled.....: 13:45
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-5
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Sodium, Solid*	1300			100	120	1	mg/Kg	106021		12/31/03 0233	tds
	Thallium, Solid*	ND	U		0.78	1.2	1	mg/Kg	106021		12/31/03 0233	tds
	Vanadium, Solid*	26			0.25	0.59	1	mg/Kg	106131		01/01/04 0207	lmr
	Zinc, Solid*	110			0.47	2.4	1	mg/Kg	106021		12/31/03 0233	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB23
Date Sampled.....: 12/17/2003
Time Sampled.....: 14:00
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-6
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	81.4			0.10	0.10	1	%	105971		12/30/03 2040	clb
	% Moisture, Solid	18.6			0.10	0.10	1	%	105971		12/30/03 2040	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.6	20	1.00000	ug/Kg	105996		12/29/03 1935	mgk
	Aroclor 1221, Solid*	ND	U		8.2	20	1.00000	ug/Kg	105996		12/29/03 1935	mgk
	Aroclor 1232, Solid*	ND	U		3.7	20	1.00000	ug/Kg	105996		12/29/03 1935	mgk
	Aroclor 1242, Solid*	ND	U		7.7	20	1.00000	ug/Kg	105996		12/29/03 1935	mgk
	Aroclor 1248, Solid*	ND	U		2.8	20	1.00000	ug/Kg	105996		12/29/03 1935	mgk
	Aroclor 1254, Solid*	ND	U		3.3	20	1.00000	ug/Kg	105996		12/29/03 1935	mgk
	Aroclor 1260, Solid*	ND	U		3.1	20	1.00000	ug/Kg	105996		12/29/03 1935	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND	U		110	250	1.00000	ug/Kg	105995		12/29/03 2309	san
	RDX, Solid	ND	U		58	100	1.00000	ug/Kg	105995		12/29/03 2309	san
	1,3,5-Trinitrobenzene, Solid	ND	U		17	100	1.00000	ug/Kg	105995		12/29/03 2309	san
	1,3-Dinitrobenzene, Solid	ND	U		18	100	1.00000	ug/Kg	105995		12/29/03 2309	san
	Nitrobenzene, Solid	ND	U		22	100	1.00000	ug/Kg	105995		12/29/03 2309	san
	2,4,6-TNT, Solid	ND	U		34	100	1.00000	ug/Kg	105995		12/29/03 2309	san
	Tetryl, Solid	ND	U		43	200	1.00000	ug/Kg	105995		12/29/03 2309	san
	2,4-Dinitrotoluene, Solid	ND	U		35	100	1.00000	ug/Kg	105995		12/29/03 2309	san
	2,6-Dinitrotoluene, Solid	ND	U		47	200	1.00000	ug/Kg	105995		12/29/03 2309	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		36	200	1.00000	ug/Kg	105995		12/29/03 2309	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		97	200	1.00000	ug/Kg	105995		12/29/03 2309	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	105995		12/29/03 2309	san
	4-Nitrotoluene, Solid	ND	U		46	500	1.00000	ug/Kg	105995		12/29/03 2309	san
	3-Nitrotoluene, Solid	ND	U		50	200	1.00000	ug/Kg	105995		12/29/03 2309	san

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB23
Date Sampled.....: 12/17/2003
Time Sampled.....: 14:00
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-6
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.065			0.0053	0.020	1	mg/Kg	106028		12/31/03 1434	daj
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	14000			2.8	23	1	mg/Kg	106021		12/31/03 0239	tds
	Antimony, Solid*	ND	U		1.0	2.3	1	mg/Kg	106021		12/31/03 0239	tds
	Arsenic, Solid*	4.7			0.59	1.2	1	mg/Kg	106021		12/31/03 0239	tds
	Barium, Solid*	130			0.18	1.2	1	mg/Kg	106021		12/31/03 0239	tds
	Beryllium, Solid*	0.98			0.051	0.46	1	mg/Kg	106021		12/31/03 0239	tds
	Cadmium, Solid*	ND	U		0.092	0.23	1	mg/Kg	106021		12/31/03 0239	tds
	Calcium, Solid*	5000			3.6	12	1	mg/Kg	106021		12/31/03 0239	tds
	Chromium, Solid*	22			0.25	1.2	1	mg/Kg	106021		12/31/03 0239	tds
	Cobalt, Solid*	7.9			0.16	0.58	1	mg/Kg	106021		12/31/03 0239	tds
	Copper, Solid*	11			1.0	1.2	1	mg/Kg	106021		12/31/03 0239	tds
	Iron, Solid*	16000			3.5	5.8	1	mg/Kg	106021		12/31/03 0239	tds
	Lead, Solid*	18			0.49	0.58	1	mg/Kg	106021		12/31/03 0239	tds
	Magnesium, Solid*	2300			2.0	12	1	mg/Kg	106021		12/31/03 0239	tds
	Manganese, Solid*	360			0.15	1.2	1	mg/Kg	106021		12/31/03 0239	tds
	Nickel, Solid*	16			0.29	1.2	1	mg/Kg	106021		12/31/03 0239	tds
	Potassium, Solid*	730			16	58	1	mg/Kg	106131		01/01/04 0214	lmr
	Selenium, Solid*	ND	U		0.46	1.2	1	mg/Kg	106021		12/31/03 0239	tds
	Silver, Solid*	ND	U		0.36	0.58	1	mg/Kg	106021		12/31/03 0239	tds
	Sodium, Solid*	160			100	120	1	mg/Kg	106021		12/31/03 0239	tds
	Thallium, Solid*	ND	U		0.76	1.2	1	mg/Kg	106021		12/31/03 0239	tds
	Vanadium, Solid*	30			0.24	0.58	1	mg/Kg	106131		01/01/04 0214	lmr
	Zinc, Solid*	40			0.46	2.3	1	mg/Kg	106021		12/31/03 0239	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB24
Date Sampled.....: 12/17/2003
Time Sampled.....: 14:30
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-7
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	81.8			0.10	0.10	1	%	105971		12/30/03 2040	clb
	% Moisture, Solid	18.2			0.10	0.10	1	%	105971		12/30/03 2040	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.5	20	1.00000	ug/Kg	105996		12/29/03 2113	mgk
	Aroclor 1221, Solid*	ND	U		8.2	20	1.00000	ug/Kg	105996		12/29/03 2113	mgk
	Aroclor 1232, Solid*	ND	U		3.7	20	1.00000	ug/Kg	105996		12/29/03 2113	mgk
	Aroclor 1242, Solid*	ND	U		7.7	20	1.00000	ug/Kg	105996		12/29/03 2113	mgk
	Aroclor 1248, Solid*	ND	U		2.8	20	1.00000	ug/Kg	105996		12/29/03 2113	mgk
	Aroclor 1254, Solid*	ND	U		3.3	20	1.00000	ug/Kg	105996		12/29/03 2113	mgk
	Aroclor 1260, Solid*	ND	U		3.1	20	1.00000	ug/Kg	105996		12/29/03 2113	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND	U		110	250	1.00000	ug/Kg	105995		12/29/03 2342	san
	RDX, Solid	ND	U		57	98	1.00000	ug/Kg	105995		12/29/03 2342	san
	1,3,5-Trinitrobenzene, Solid	ND	U		17	98	1.00000	ug/Kg	105995		12/29/03 2342	san
	1,3-Dinitrobenzene, Solid	ND	U		17	98	1.00000	ug/Kg	105995		12/29/03 2342	san
	Nitrobenzene, Solid	ND	U		22	98	1.00000	ug/Kg	105995		12/29/03 2342	san
	2,4,6-TNT, Solid	ND	U		33	98	1.00000	ug/Kg	105995		12/29/03 2342	san
	Tetryl, Solid	ND	U		43	200	1.00000	ug/Kg	105995		12/29/03 2342	san
	2,4-Dinitrotoluene, Solid	ND	U		35	98	1.00000	ug/Kg	105995		12/29/03 2342	san
	2,6-Dinitrotoluene, Solid	ND	U		47	200	1.00000	ug/Kg	105995		12/29/03 2342	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		35	200	1.00000	ug/Kg	105995		12/29/03 2342	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		95	200	1.00000	ug/Kg	105995		12/29/03 2342	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	105995		12/29/03 2342	san
	4-Nitrotoluene, Solid	ND	U		46	490	1.00000	ug/Kg	105995		12/29/03 2342	san
	3-Nitrotoluene, Solid	ND	U		49	200	1.00000	ug/Kg	105995		12/29/03 2342	san

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB24
Date Sampled.....: 12/17/2003
Time Sampled.....: 14:30
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-7
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.046			0.0053	0.020	1	mg/Kg	106028		12/31/03 1436	daj
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	12000			2.7	22	1	mg/Kg	106021		12/31/03 0245	tds
	Antimony, Solid*	ND	U		1.0	2.2	1	mg/Kg	106021		12/31/03 0245	tds
	Arsenic, Solid*	7.1			0.57	1.1	1	mg/Kg	106021		12/31/03 0245	tds
	Barium, Solid*	160			0.18	1.1	1	mg/Kg	106021		12/31/03 0245	tds
	Beryllium, Solid*	0.99			0.049	0.44	1	mg/Kg	106021		12/31/03 0245	tds
	Cadmium, Solid*	ND	U		0.089	0.22	1	mg/Kg	106021		12/31/03 0245	tds
	Calcium, Solid*	15000			3.4	11	1	mg/Kg	106021		12/31/03 0245	tds
	Chromium, Solid*	20			0.24	1.1	1	mg/Kg	106021		12/31/03 0245	tds
	Cobalt, Solid*	9.2			0.16	0.56	1	mg/Kg	106021		12/31/03 0245	tds
	Copper, Solid*	21			1.0	1.1	1	mg/Kg	106021		12/31/03 0245	tds
	Iron, Solid*	21000			3.3	5.6	1	mg/Kg	106021		12/31/03 0245	tds
	Lead, Solid*	41			0.48	0.56	1	mg/Kg	106021		12/31/03 0245	tds
	Magnesium, Solid*	2300			1.9	11	1	mg/Kg	106021		12/31/03 0245	tds
	Manganese, Solid*	730			0.14	1.1	1	mg/Kg	106021		12/31/03 0245	tds
	Nickel, Solid*	20			0.28	1.1	1	mg/Kg	106021		12/31/03 0245	tds
	Potassium, Solid*	1400			15	56	1	mg/Kg	106131		01/01/04 0221	lmr
	Selenium, Solid*	ND	U		0.44	1.1	1	mg/Kg	106021		12/31/03 0245	tds
	Silver, Solid*	ND	U		0.34	0.56	1	mg/Kg	106021		12/31/03 0245	tds
	Sodium, Solid*	160			96	110	1	mg/Kg	106021		12/31/03 0245	tds
	Thallium, Solid*	ND	U		0.73	1.1	1	mg/Kg	106021		12/31/03 0245	tds
	Vanadium, Solid*	33			0.23	0.56	1	mg/Kg	106131		01/01/04 0221	lmr
	Zinc, Solid*	46			0.44	2.2	1	mg/Kg	106021		12/31/03 0245	tds
8260B	Volatile Organics											
	Dichlorodifluoromethane, Solid*	ND	U		1.3	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB24
Date Sampled.....: 12/17/2003
Time Sampled.....: 14:30
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-7
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Chloromethane, Solid*	ND	U		2.0	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	Vinyl chloride, Solid*	ND	U		2.0	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	Bromomethane, Solid*	ND	U		2.4	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	Chloroethane, Solid*	ND	U		1.8	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	Trichlorofluoromethane, Solid*	ND	U		2.6	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	1,1-Dichloroethene, Solid*	ND	U		2.4	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	Carbon disulfide, Solid*	ND	U		2.2	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	Acetone, Solid*	ND	U		8.4	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	Methylene chloride, Solid*	ND	U		5.3	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	trans-1,2-Dichloroethene, Solid*	ND	U		2.0	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	Methyl-tert-butyl-ether (MTBE), Solid*	ND	U		1.8	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	1,1-Dichloroethane, Solid*	ND	U		1.8	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	2,2-Dichloropropane, Solid*	ND	U		1.7	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	cis-1,2-Dichloroethene, Solid*	ND	U		2.0	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	2-Butanone (MEK), Solid*	ND	U		7.2	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	Bromochloromethane, Solid*	ND	U		2.0	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	Chloroform, Solid*	ND	U		2.0	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	1,1,1-Trichloroethane, Solid*	ND	U		2.0	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	1,1-Dichloropropene, Solid*	ND	U		2.2	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	Carbon tetrachloride, Solid*	ND	U		2.0	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	Benzene, Solid*	ND	U		2.0	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	1,2-Dichloroethane, Solid*	ND	U		1.7	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	Trichloroethene, Solid*	ND	U		2.0	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	1,2-Dichloropropane, Solid*	ND	U		1.8	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	Dibromomethane, Solid*	ND	U		2.0	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	Bromodichloromethane, Solid*	ND	U		1.8	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	cis-1,3-Dichloropropene, Solid*	ND	U		1.7	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	4-Methyl-2-pentanone (MIBK), Solid*	ND	U		1.8	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	Toluene, Solid*	ND	U		2.0	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB24
Date Sampled.....: 12/17/2003
Time Sampled.....: 14:30
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-7
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	trans-1,3-Dichloropropene, Solid*	ND	U		1.4	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	1,1,2-Trichloroethane, Solid*	ND	U		2.0	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	Tetrachloroethene, Solid*	ND	U		2.2	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	1,3-Dichloropropane, Solid*	ND	U		1.7	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	2-Hexanone, Solid*	ND	U		2.0	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	Dibromochloromethane, Solid*	ND	U		1.4	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	1,2-Dibromoethane (EDB), Solid*	ND	U		1.5	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	Chlorobenzene, Solid*	ND	U		2.0	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	1,1,1,2-Tetrachloroethane, Solid*	ND	U		2.0	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	Ethylbenzene, Solid*	ND	U		2.0	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	m&p-Xylenes, Solid*	ND	U		4.2	18	1.00000	ug/Kg	106164		12/26/03 1843	lm
	o-Xylene, Solid*	ND	U		2.0	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	Styrene, Solid*	ND	U		2.0	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	Bromoform, Solid*	ND	U		1.4	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	Isopropylbenzene, Solid*	ND	U		2.0	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	Bromobenzene, Solid*	ND	U		1.8	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	1,1,2,2-Tetrachloroethane, Solid*	ND	U		1.8	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	1,2,3-Trichloropropane, Solid*	ND	U		2.0	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	n-Propylbenzene, Solid*	ND	U		2.4	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	2-Chlorotoluene, Solid*	ND	U		2.4	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	1,3,5-Trimethylbenzene, Solid*	ND	U		2.4	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	4-Chlorotoluene, Solid*	ND	U		2.4	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	tert-Butylbenzene, Solid*	ND	U		2.2	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	1,2,4-Trimethylbenzene, Solid*	ND	U		2.6	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	sec-Butylbenzene, Solid*	ND	U		2.2	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	p-Isopropyltoluene, Solid*	ND	U		2.4	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	n-Butylbenzene, Solid*	ND	U		2.4	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	1,2-Dibromo-3-chloropropane, Solid*	ND	U		2.2	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm
	1,2,3-Trichlorobenzene, Solid*	ND	U		2.8	9.2	1.00000	ug/Kg	106164		12/26/03 1843	lm

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB25
Date Sampled.....: 12/17/2003
Time Sampled.....: 15:10
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-8
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	80.6			0.10	0.10	1	%	105971		12/30/03 2040	clb
	% Moisture, Solid	19.4			0.10	0.10	1	%	105971		12/30/03 2040	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.6	21	1.00000	ug/Kg	105996		12/29/03 2146	mgk
	Aroclor 1221, Solid*	ND	U		8.3	21	1.00000	ug/Kg	105996		12/29/03 2146	mgk
	Aroclor 1232, Solid*	ND	U		3.7	21	1.00000	ug/Kg	105996		12/29/03 2146	mgk
	Aroclor 1242, Solid*	ND	U		7.8	21	1.00000	ug/Kg	105996		12/29/03 2146	mgk
	Aroclor 1248, Solid*	ND	U		2.8	21	1.00000	ug/Kg	105996		12/29/03 2146	mgk
	Aroclor 1254, Solid*	ND	U		3.3	21	1.00000	ug/Kg	105996		12/29/03 2146	mgk
	Aroclor 1260, Solid*	ND	U		3.1	21	1.00000	ug/Kg	105996		12/29/03 2146	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND	U		110	250	1.00000	ug/Kg	105995		12/30/03 0014	san
	RDX, Solid	ND	U		58	99	1.00000	ug/Kg	105995		12/30/03 0014	san
	1,3,5-Trinitrobenzene, Solid	ND	U		17	99	1.00000	ug/Kg	105995		12/30/03 0014	san
	1,3-Dinitrobenzene, Solid	ND	U		18	99	1.00000	ug/Kg	105995		12/30/03 0014	san
	Nitrobenzene, Solid	ND	U		22	99	1.00000	ug/Kg	105995		12/30/03 0014	san
	2,4,6-TNT, Solid	ND	U		33	99	1.00000	ug/Kg	105995		12/30/03 0014	san
	Tetryl, Solid	ND	U		43	200	1.00000	ug/Kg	105995		12/30/03 0014	san
	2,4-Dinitrotoluene, Solid	ND	U		35	99	1.00000	ug/Kg	105995		12/30/03 0014	san
	2,6-Dinitrotoluene, Solid	ND	U		47	200	1.00000	ug/Kg	105995		12/30/03 0014	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		36	200	1.00000	ug/Kg	105995		12/30/03 0014	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		96	200	1.00000	ug/Kg	105995		12/30/03 0014	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	105995		12/30/03 0014	san
	4-Nitrotoluene, Solid	ND	U		46	500	1.00000	ug/Kg	105995		12/30/03 0014	san
	3-Nitrotoluene, Solid	ND	U		50	200	1.00000	ug/Kg	105995		12/30/03 0014	san

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB25
Date Sampled.....: 12/17/2003
Time Sampled.....: 15:10
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-8
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.061			0.0053	0.020	1	mg/Kg	106028		12/31/03 1438	daj
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	16000			2.9	24	1	mg/Kg	106021		12/31/03 0252	tds
	Antimony, Solid*	ND	U		1.1	2.4	1	mg/Kg	106021		12/31/03 0252	tds
	Arsenic, Solid*	5.2			0.62	1.2	1	mg/Kg	106021		12/31/03 0252	tds
	Barium, Solid*	370			0.19	1.2	1	mg/Kg	106021		12/31/03 0252	tds
	Beryllium, Solid*	2.0			0.054	0.49	1	mg/Kg	106021		12/31/03 0252	tds
	Cadmium, Solid*	ND	U		0.097	0.24	1	mg/Kg	106021		12/31/03 0252	tds
	Calcium, Solid*	3400			3.8	12	1	mg/Kg	106021		12/31/03 0252	tds
	Chromium, Solid*	18			0.27	1.2	1	mg/Kg	106021		12/31/03 0252	tds
	Cobalt, Solid*	44			0.17	0.61	1	mg/Kg	106021		12/31/03 0252	tds
	Copper, Solid*	9.2			1.1	1.2	1	mg/Kg	106021		12/31/03 0252	tds
	Iron, Solid*	21000			3.6	6.1	1	mg/Kg	106021		12/31/03 0252	tds
	Lead, Solid*	19			0.52	0.61	1	mg/Kg	106021		12/31/03 0252	tds
	Magnesium, Solid*	2400			2.1	12	1	mg/Kg	106021		12/31/03 0252	tds
	Manganese, Solid*	1700			0.16	1.2	1	mg/Kg	106021		12/31/03 0252	tds
	Nickel, Solid*	34			0.30	1.2	1	mg/Kg	106021		12/31/03 0252	tds
	Potassium, Solid*	720			17	61	1	mg/Kg	106131		01/01/04 0228	lmr
	Selenium, Solid*	ND	U		0.49	1.2	1	mg/Kg	106021		12/31/03 0252	tds
	Silver, Solid*	ND	U		0.38	0.61	1	mg/Kg	106021		12/31/03 0252	tds
	Sodium, Solid*	140			110	120	1	mg/Kg	106021		12/31/03 0252	tds
	Thallium, Solid*	ND	U		0.80	1.2	1	mg/Kg	106021		12/31/03 0252	tds
	Vanadium, Solid*	32			0.26	0.61	1	mg/Kg	106131		01/01/04 0228	lmr
	Zinc, Solid*	28			0.49	2.4	1	mg/Kg	106021		12/31/03 0252	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB26
Date Sampled.....: 12/17/2003
Time Sampled.....: 15:45
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-9
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	83.2			0.10	0.10	1	%	105971		12/30/03 2040	clb
	% Moisture, Solid	16.8			0.10	0.10	1	%	105971		12/30/03 2040	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.5	20	1.00000	ug/Kg	105996		12/29/03 2218	mgk
	Aroclor 1221, Solid*	ND	U		8.0	20	1.00000	ug/Kg	105996		12/29/03 2218	mgk
	Aroclor 1232, Solid*	ND	U		3.6	20	1.00000	ug/Kg	105996		12/29/03 2218	mgk
	Aroclor 1242, Solid*	ND	U		7.6	20	1.00000	ug/Kg	105996		12/29/03 2218	mgk
	Aroclor 1248, Solid*	ND	U		2.8	20	1.00000	ug/Kg	105996		12/29/03 2218	mgk
	Aroclor 1254, Solid*	ND	U		3.2	20	1.00000	ug/Kg	105996		12/29/03 2218	mgk
	Aroclor 1260, Solid*	ND	U		3.0	20	1.00000	ug/Kg	105996		12/29/03 2218	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND	U		110	250	1.00000	ug/Kg	105995		12/30/03 0047	san
	RDX, Solid	ND	U		57	98	1.00000	ug/Kg	105995		12/30/03 0047	san
	1,3,5-Trinitrobenzene, Solid	ND	U		17	98	1.00000	ug/Kg	105995		12/30/03 0047	san
	1,3-Dinitrobenzene, Solid	ND	U		17	98	1.00000	ug/Kg	105995		12/30/03 0047	san
	Nitrobenzene, Solid	ND	U		22	98	1.00000	ug/Kg	105995		12/30/03 0047	san
	2,4,6-TNT, Solid	ND	U		33	98	1.00000	ug/Kg	105995		12/30/03 0047	san
	Tetryl, Solid	ND	U		43	200	1.00000	ug/Kg	105995		12/30/03 0047	san
	2,4-Dinitrotoluene, Solid	ND	U		35	98	1.00000	ug/Kg	105995		12/30/03 0047	san
	2,6-Dinitrotoluene, Solid	ND	U		47	200	1.00000	ug/Kg	105995		12/30/03 0047	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		35	200	1.00000	ug/Kg	105995		12/30/03 0047	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		95	200	1.00000	ug/Kg	105995		12/30/03 0047	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	105995		12/30/03 0047	san
	4-Nitrotoluene, Solid	ND	U		46	490	1.00000	ug/Kg	105995		12/30/03 0047	san
	3-Nitrotoluene, Solid	ND	U		49	200	1.00000	ug/Kg	105995		12/30/03 0047	san

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB26
Date Sampled.....: 12/17/2003
Time Sampled.....: 15:45
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-9
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.0082	B		0.0052	0.020	1	mg/Kg	106028		12/31/03 1440	daj
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	9100			2.7	22	1	mg/Kg	106021		12/31/03 0258	tds
	Antimony, Solid*	ND	U		1.0	2.2	1	mg/Kg	106021		12/31/03 0258	tds
	Arsenic, Solid*	3.0			0.57	1.1	1	mg/Kg	106021		12/31/03 0258	tds
	Barium, Solid*	160			0.18	1.1	1	mg/Kg	106021		12/31/03 0258	tds
	Beryllium, Solid*	1.7			0.049	0.44	1	mg/Kg	106021		12/31/03 0258	tds
	Cadmium, Solid*	ND	U		0.089	0.22	1	mg/Kg	106021		12/31/03 0258	tds
	Calcium, Solid*	3200			3.4	11	1	mg/Kg	106021		12/31/03 0258	tds
	Chromium, Solid*	19			0.24	1.1	1	mg/Kg	106021		12/31/03 0258	tds
	Cobalt, Solid*	5.5			0.16	0.56	1	mg/Kg	106021		12/31/03 0258	tds
	Copper, Solid*	6.4			1.0	1.1	1	mg/Kg	106021		12/31/03 0258	tds
	Iron, Solid*	20000			3.3	5.6	1	mg/Kg	106021		12/31/03 0258	tds
	Lead, Solid*	7.5			0.48	0.56	1	mg/Kg	106021		12/31/03 0258	tds
	Magnesium, Solid*	1800			1.9	11	1	mg/Kg	106021		12/31/03 0258	tds
	Manganese, Solid*	260			0.14	1.1	1	mg/Kg	106021		12/31/03 0258	tds
	Nickel, Solid*	27			0.28	1.1	1	mg/Kg	106021		12/31/03 0258	tds
	Potassium, Solid*	460			15	56	1	mg/Kg	106131		01/01/04 0234	lmr
	Selenium, Solid*	ND	U		0.44	1.1	1	mg/Kg	106021		12/31/03 0258	tds
	Silver, Solid*	ND	U		0.34	0.56	1	mg/Kg	106021		12/31/03 0258	tds
	Sodium, Solid*	ND	U		96	110	1	mg/Kg	106021		12/31/03 0258	tds
	Thallium, Solid*	ND	U		0.73	1.1	1	mg/Kg	106021		12/31/03 0258	tds
	Vanadium, Solid*	25			0.23	0.56	1	mg/Kg	106131		01/01/04 0234	lmr
	Zinc, Solid*	18			0.44	2.2	1	mg/Kg	106021		12/31/03 0258	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB27
Date Sampled.....: 12/17/2003
Time Sampled.....: 17:00
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-10
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8015B MORO	TPH - Diesel Range Organics (DRO)											
	Diesel Range Organics (DRO), 3541 Solid*	ND	U		3.3	5.3	1.00000	mg/Kg	105934		12/29/03 1556	mgk
Method	% Solids Determination											
	% Solids, Solid	77.6			0.10	0.10	1	%	105971		12/30/03 2040	clb
	% Moisture, Solid	22.4			0.10	0.10	1	%	105971		12/30/03 2040	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.7	21	1.00000	ug/Kg	105996		12/29/03 2251	mgk
	Aroclor 1221, Solid*	ND	U		8.6	21	1.00000	ug/Kg	105996		12/29/03 2251	mgk
	Aroclor 1232, Solid*	ND	U		3.9	21	1.00000	ug/Kg	105996		12/29/03 2251	mgk
	Aroclor 1242, Solid*	ND	U		8.1	21	1.00000	ug/Kg	105996		12/29/03 2251	mgk
	Aroclor 1248, Solid*	ND	U		3.0	21	1.00000	ug/Kg	105996		12/29/03 2251	mgk
	Aroclor 1254, Solid*	ND	U		3.5	21	1.00000	ug/Kg	105996		12/29/03 2251	mgk
	Aroclor 1260, Solid*	ND	U		3.2	21	1.00000	ug/Kg	105996		12/29/03 2251	mgk
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.038			0.0055	0.021	1	mg/Kg	106028		12/31/03 1442	daj
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	13000			2.8	24	1	mg/Kg	106021		12/31/03 0304	tds
	Antimony, Solid*	ND	U		1.1	2.4	1	mg/Kg	106021		12/31/03 0304	tds
	Arsenic, Solid*	3.2			0.60	1.2	1	mg/Kg	106021		12/31/03 0304	tds
	Barium, Solid*	87			0.19	1.2	1	mg/Kg	106021		12/31/03 0304	tds
	Beryllium, Solid*	0.59			0.052	0.47	1	mg/Kg	106021		12/31/03 0304	tds
	Cadmium, Solid*	ND	U		0.094	0.24	1	mg/Kg	106021		12/31/03 0304	tds
	Calcium, Solid*	2400			3.7	12	1	mg/Kg	106021		12/31/03 0304	tds
	Chromium, Solid*	18			0.26	1.2	1	mg/Kg	106021		12/31/03 0304	tds
	Cobalt, Solid*	5.1			0.17	0.59	1	mg/Kg	106021		12/31/03 0304	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB27
Date Sampled.....: 12/17/2003
Time Sampled.....: 17:00
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-10
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Copper, Solid*	8.7			1.1	1.2	1	mg/Kg	106021		12/31/03 0304	tds
	Iron, Solid*	13000			3.5	5.9	1	mg/Kg	106021		12/31/03 0304	tds
	Lead, Solid*	8.8			0.51	0.59	1	mg/Kg	106021		12/31/03 0304	tds
	Magnesium, Solid*	1700			2.0	12	1	mg/Kg	106021		12/31/03 0304	tds
	Manganese, Solid*	140			0.15	1.2	1	mg/Kg	106021		12/31/03 0304	tds
	Nickel, Solid*	9.1			0.29	1.2	1	mg/Kg	106021		12/31/03 0304	tds
	Potassium, Solid*	480			16	59	1	mg/Kg	106131		01/01/04 0241	lmr
	Selenium, Solid*	ND	U		0.47	1.2	1	mg/Kg	106021		12/31/03 0304	tds
	Silver, Solid*	ND	U		0.37	0.59	1	mg/Kg	106021		12/31/03 0304	tds
	Sodium, Solid*	290			100	120	1	mg/Kg	106021		12/31/03 0304	tds
	Thallium, Solid*	ND	U		0.78	1.2	1	mg/Kg	106021		12/31/03 0304	tds
	Vanadium, Solid*	24			0.25	0.59	1	mg/Kg	106131		01/01/04 0241	lmr
	Zinc, Solid*	20			0.47	2.4	1	mg/Kg	106021		12/31/03 0304	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB28
Date Sampled.....: 12/17/2003
Time Sampled.....: 08:30
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-11
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	81.2			0.10	0.10	1	%	105971		12/30/03 2040	clb
	% Moisture, Solid	18.8			0.10	0.10	1	%	105971		12/30/03 2040	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.5	20	1.00000	ug/Kg	105996		12/29/03 2356	mgk
	Aroclor 1221, Solid*	ND	U		8.2	20	1.00000	ug/Kg	105996		12/29/03 2356	mgk
	Aroclor 1232, Solid*	ND	U		3.7	20	1.00000	ug/Kg	105996		12/29/03 2356	mgk
	Aroclor 1242, Solid*	ND	U		7.7	20	1.00000	ug/Kg	105996		12/29/03 2356	mgk
	Aroclor 1248, Solid*	ND	U		2.8	20	1.00000	ug/Kg	105996		12/29/03 2356	mgk
	Aroclor 1254, Solid*	ND	U		3.3	20	1.00000	ug/Kg	105996		12/29/03 2356	mgk
	Aroclor 1260, Solid*	ND	U		3.1	20	1.00000	ug/Kg	105996		12/29/03 2356	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND	U		110	250	1.00000	ug/Kg	105995		12/30/03 0119	san
	RDX, Solid	ND	U		57	98	1.00000	ug/Kg	105995		12/30/03 0119	san
	1,3,5-Trinitrobenzene, Solid	ND	U		17	98	1.00000	ug/Kg	105995		12/30/03 0119	san
	1,3-Dinitrobenzene, Solid	ND	U		17	98	1.00000	ug/Kg	105995		12/30/03 0119	san
	Nitrobenzene, Solid	ND	U		22	98	1.00000	ug/Kg	105995		12/30/03 0119	san
	2,4,6-TNT, Solid	ND	U		33	98	1.00000	ug/Kg	105995		12/30/03 0119	san
	Tetryl, Solid	ND	U		43	200	1.00000	ug/Kg	105995		12/30/03 0119	san
	2,4-Dinitrotoluene, Solid	ND	U		35	98	1.00000	ug/Kg	105995		12/30/03 0119	san
	2,6-Dinitrotoluene, Solid	ND	U		47	200	1.00000	ug/Kg	105995		12/30/03 0119	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		35	200	1.00000	ug/Kg	105995		12/30/03 0119	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		95	200	1.00000	ug/Kg	105995		12/30/03 0119	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	105995		12/30/03 0119	san
	4-Nitrotoluene, Solid	ND	U		46	490	1.00000	ug/Kg	105995		12/30/03 0119	san
	3-Nitrotoluene, Solid	ND	U		49	200	1.00000	ug/Kg	105995		12/30/03 0119	san

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB28
Date Sampled.....: 12/17/2003
Time Sampled.....: 08:30
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-11
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.025			0.0053	0.020	1	mg/Kg	106028		12/31/03 1444	daj
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	4800			2.8	23	1	mg/Kg	106021		12/31/03 0310	tds
	Antimony, Solid*	ND	U		1.0	2.3	1	mg/Kg	106021		12/31/03 0310	tds
	Arsenic, Solid*	3.4			0.59	1.2	1	mg/Kg	106021		12/31/03 0310	tds
	Barium, Solid*	58			0.19	1.2	1	mg/Kg	106021		12/31/03 0310	tds
	Beryllium, Solid*	0.42	B		0.051	0.46	1	mg/Kg	106021		12/31/03 0310	tds
	Cadmium, Solid*	ND	U		0.093	0.23	1	mg/Kg	106021		12/31/03 0310	tds
	Calcium, Solid*	17000			3.6	12	1	mg/Kg	106021		12/31/03 0310	tds
	Chromium, Solid*	9.7			0.25	1.2	1	mg/Kg	106021		12/31/03 0310	tds
	Cobalt, Solid*	4.3			0.16	0.58	1	mg/Kg	106021		12/31/03 0310	tds
	Copper, Solid*	9.1			1.0	1.2	1	mg/Kg	106021		12/31/03 0310	tds
	Iron, Solid*	8700			3.5	5.8	1	mg/Kg	106021		12/31/03 0310	tds
	Lead, Solid*	14			0.50	0.58	1	mg/Kg	106021		12/31/03 0310	tds
	Magnesium, Solid*	3800			2.0	12	1	mg/Kg	106021		12/31/03 0310	tds
	Manganese, Solid*	240			0.15	1.2	1	mg/Kg	106021		12/31/03 0310	tds
	Nickel, Solid*	11			0.29	1.2	1	mg/Kg	106021		12/31/03 0310	tds
	Potassium, Solid*	510			16	58	1	mg/Kg	106131		01/01/04 0248	lmr
	Selenium, Solid*	ND	U		0.46	1.2	1	mg/Kg	106021		12/31/03 0310	tds
	Silver, Solid*	ND	U		0.36	0.58	1	mg/Kg	106021		12/31/03 0310	tds
	Sodium, Solid*	260			100	120	1	mg/Kg	106021		12/31/03 0310	tds
	Thallium, Solid*	ND	U		0.76	1.2	1	mg/Kg	106021		12/31/03 0310	tds
	Vanadium, Solid*	13			0.24	0.58	1	mg/Kg	106131		01/01/04 0248	lmr
	Zinc, Solid*	30			0.46	2.3	1	mg/Kg	106021		12/31/03 0310	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB29
Date Sampled.....: 12/17/2003
Time Sampled.....: 09:00
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-12
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	79.9			0.10	0.10	1	%	105971		12/30/03 2040	clb
	% Moisture, Solid	20.1			0.10	0.10	1	%	105971		12/30/03 2040	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.6	21	1.00000	ug/Kg	105996		12/30/03 0029	mgk
	Aroclor 1221, Solid*	ND	U		8.3	21	1.00000	ug/Kg	105996		12/30/03 0029	mgk
	Aroclor 1232, Solid*	ND	U		3.7	21	1.00000	ug/Kg	105996		12/30/03 0029	mgk
	Aroclor 1242, Solid*	ND	U		7.8	21	1.00000	ug/Kg	105996		12/30/03 0029	mgk
	Aroclor 1248, Solid*	ND	U		2.8	21	1.00000	ug/Kg	105996		12/30/03 0029	mgk
	Aroclor 1254, Solid*	ND	U		3.3	21	1.00000	ug/Kg	105996		12/30/03 0029	mgk
	Aroclor 1260, Solid*	ND	U		3.1	21	1.00000	ug/Kg	105996		12/30/03 0029	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND	U		110	250	1.00000	ug/Kg	105995		12/30/03 0224	san
	RDX, Solid	ND	U		58	100	1.00000	ug/Kg	105995		12/30/03 0224	san
	1,3,5-Trinitrobenzene, Solid	ND	U		17	100	1.00000	ug/Kg	105995		12/30/03 0224	san
	1,3-Dinitrobenzene, Solid	ND	U		18	100	1.00000	ug/Kg	105995		12/30/03 0224	san
	Nitrobenzene, Solid	ND	U		22	100	1.00000	ug/Kg	105995		12/30/03 0224	san
	2,4,6-TNT, Solid	ND	U		34	100	1.00000	ug/Kg	105995		12/30/03 0224	san
	Tetryl, Solid	ND	U		43	200	1.00000	ug/Kg	105995		12/30/03 0224	san
	2,4-Dinitrotoluene, Solid	ND	U		35	100	1.00000	ug/Kg	105995		12/30/03 0224	san
	2,6-Dinitrotoluene, Solid	ND	U		47	200	1.00000	ug/Kg	105995		12/30/03 0224	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		36	200	1.00000	ug/Kg	105995		12/30/03 0224	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		97	200	1.00000	ug/Kg	105995		12/30/03 0224	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	105995		12/30/03 0224	san
	4-Nitrotoluene, Solid	ND	U		46	500	1.00000	ug/Kg	105995		12/30/03 0224	san
	3-Nitrotoluene, Solid	ND	U		50	200	1.00000	ug/Kg	105995		12/30/03 0224	san

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB29
Date Sampled.....: 12/17/2003
Time Sampled.....: 09:00
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-12
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.038			0.0054	0.021	1	mg/Kg	106028		12/31/03 1447	daj
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	19000			2.8	23	1	mg/Kg	106021		12/31/03 0317	tds
	Antimony, Solid*	ND	U		1.0	2.3	1	mg/Kg	106021		12/31/03 0317	tds
	Arsenic, Solid*	3.1			0.58	1.1	1	mg/Kg	106021		12/31/03 0317	tds
	Barium, Solid*	74			0.18	1.1	1	mg/Kg	106021		12/31/03 0317	tds
	Beryllium, Solid*	0.91			0.050	0.46	1	mg/Kg	106021		12/31/03 0317	tds
	Cadmium, Solid*	ND	U		0.092	0.23	1	mg/Kg	106021		12/31/03 0317	tds
	Calcium, Solid*	3300			3.6	11	1	mg/Kg	106021		12/31/03 0317	tds
	Chromium, Solid*	23			0.25	1.1	1	mg/Kg	106021		12/31/03 0317	tds
	Cobalt, Solid*	4.0			0.16	0.57	1	mg/Kg	106021		12/31/03 0317	tds
	Copper, Solid*	9.8			1.0	1.1	1	mg/Kg	106021		12/31/03 0317	tds
	Iron, Solid*	15000			3.4	5.7	1	mg/Kg	106021		12/31/03 0317	tds
	Lead, Solid*	8.3			0.49	0.57	1	mg/Kg	106021		12/31/03 0317	tds
	Magnesium, Solid*	2700			1.9	11	1	mg/Kg	106021		12/31/03 0317	tds
	Manganese, Solid*	61			0.15	1.1	1	mg/Kg	106021		12/31/03 0317	tds
	Nickel, Solid*	17			0.29	1.1	1	mg/Kg	106021		12/31/03 0317	tds
	Potassium, Solid*	700			16	57	1	mg/Kg	106131		01/01/04 0255	lmr
	Selenium, Solid*	ND	U		0.46	1.1	1	mg/Kg	106021		12/31/03 0317	tds
	Silver, Solid*	ND	U		0.36	0.57	1	mg/Kg	106021		12/31/03 0317	tds
	Sodium, Solid*	150			99	110	1	mg/Kg	106021		12/31/03 0317	tds
	Thallium, Solid*	ND	U		0.76	1.1	1	mg/Kg	106021		12/31/03 0317	tds
	Vanadium, Solid*	24			0.24	0.57	1	mg/Kg	106131		01/01/04 0255	lmr
	Zinc, Solid*	27			0.46	2.3	1	mg/Kg	106021		12/31/03 0317	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB30
Date Sampled.....: 12/17/2003
Time Sampled.....: 09:45
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-13
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	83.3			0.10	0.10	1	%	105971		12/30/03 2040	clb
	% Moisture, Solid	16.7			0.10	0.10	1	%	105971		12/30/03 2040	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.5	20	1.00000	ug/Kg	105996		12/30/03 0102	mgk
	Aroclor 1221, Solid*	ND	U		8.0	20	1.00000	ug/Kg	105996		12/30/03 0102	mgk
	Aroclor 1232, Solid*	ND	U		3.6	20	1.00000	ug/Kg	105996		12/30/03 0102	mgk
	Aroclor 1242, Solid*	ND	U		7.6	20	1.00000	ug/Kg	105996		12/30/03 0102	mgk
	Aroclor 1248, Solid*	ND	U		2.8	20	1.00000	ug/Kg	105996		12/30/03 0102	mgk
	Aroclor 1254, Solid*	ND	U		3.2	20	1.00000	ug/Kg	105996		12/30/03 0102	mgk
	Aroclor 1260, Solid*	ND	U		3.0	20	1.00000	ug/Kg	105996		12/30/03 0102	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND	U		110	250	1.00000	ug/Kg	105995		12/30/03 0402	san
	RDX, Solid	ND	U		58	100	1.00000	ug/Kg	105995		12/30/03 0402	san
	1,3,5-Trinitrobenzene, Solid	ND	U		17	100	1.00000	ug/Kg	105995		12/30/03 0402	san
	1,3-Dinitrobenzene, Solid	ND	U		18	100	1.00000	ug/Kg	105995		12/30/03 0402	san
	Nitrobenzene, Solid	ND	U		22	100	1.00000	ug/Kg	105995		12/30/03 0402	san
	2,4,6-TNT, Solid	ND	U		34	100	1.00000	ug/Kg	105995		12/30/03 0402	san
	Tetryl, Solid	ND	U		43	200	1.00000	ug/Kg	105995		12/30/03 0402	san
	2,4-Dinitrotoluene, Solid	ND	U		35	100	1.00000	ug/Kg	105995		12/30/03 0402	san
	2,6-Dinitrotoluene, Solid	ND	U		47	200	1.00000	ug/Kg	105995		12/30/03 0402	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		36	200	1.00000	ug/Kg	105995		12/30/03 0402	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		97	200	1.00000	ug/Kg	105995		12/30/03 0402	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	105995		12/30/03 0402	san
	4-Nitrotoluene, Solid	ND	U		46	500	1.00000	ug/Kg	105995		12/30/03 0402	san
	3-Nitrotoluene, Solid	ND	U		50	200	1.00000	ug/Kg	105995		12/30/03 0402	san

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB30
Date Sampled.....: 12/17/2003
Time Sampled.....: 09:45
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-13
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.029			0.0052	0.020	1	mg/Kg	106028		12/31/03 1453	daj
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	15000			2.8	23	1	mg/Kg	106021		12/31/03 0323	tds
	Antimony, Solid*	ND	U		1.1	2.3	1	mg/Kg	106021		12/31/03 0323	tds
	Arsenic, Solid*	7.1			0.60	1.2	1	mg/Kg	106021		12/31/03 0323	tds
	Barium, Solid*	62			0.19	1.2	1	mg/Kg	106021		12/31/03 0323	tds
	Beryllium, Solid*	0.88			0.052	0.47	1	mg/Kg	106021		12/31/03 0323	tds
	Cadmium, Solid*	ND	U		0.094	0.23	1	mg/Kg	106021		12/31/03 0323	tds
	Calcium, Solid*	2600			3.6	12	1	mg/Kg	106021		12/31/03 0323	tds
	Chromium, Solid*	21			0.26	1.2	1	mg/Kg	106021		12/31/03 0323	tds
	Cobalt, Solid*	2.5			0.16	0.59	1	mg/Kg	106021		12/31/03 0323	tds
	Copper, Solid*	11			1.1	1.2	1	mg/Kg	106021		12/31/03 0323	tds
	Iron, Solid*	20000			3.5	5.9	1	mg/Kg	106021		12/31/03 0323	tds
	Lead, Solid*	7.3			0.51	0.59	1	mg/Kg	106021		12/31/03 0323	tds
	Magnesium, Solid*	2200			2.0	12	1	mg/Kg	106021		12/31/03 0323	tds
	Manganese, Solid*	57			0.15	1.2	1	mg/Kg	106021		12/31/03 0323	tds
	Nickel, Solid*	14			0.29	1.2	1	mg/Kg	106021		12/31/03 0323	tds
	Potassium, Solid*	560			16	59	1	mg/Kg	106131		01/01/04 0301	lmr
	Selenium, Solid*	ND	U		0.47	1.2	1	mg/Kg	106021		12/31/03 0323	tds
	Silver, Solid*	ND	U		0.36	0.59	1	mg/Kg	106021		12/31/03 0323	tds
	Sodium, Solid*	180			100	120	1	mg/Kg	106021		12/31/03 0323	tds
	Thallium, Solid*	ND	U		0.78	1.2	1	mg/Kg	106021		12/31/03 0323	tds
	Vanadium, Solid*	34			0.25	0.59	1	mg/Kg	106131		01/01/04 0301	lmr
	Zinc, Solid*	27			0.47	2.3	1	mg/Kg	106021		12/31/03 0323	tds

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB31
Date Sampled.....: 12/17/2003
Time Sampled.....: 10:30
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-14
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	79.2			0.10	0.10	1	%	105971		12/30/03 2040	clb
	% Moisture, Solid	20.8			0.10	0.10	1	%	105971		12/30/03 2040	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.7	21	1.00000	ug/Kg	105996		12/30/03 0135	mgk
	Aroclor 1221, Solid*	ND	U		8.4	21	1.00000	ug/Kg	105996		12/30/03 0135	mgk
	Aroclor 1232, Solid*	ND	U		3.8	21	1.00000	ug/Kg	105996		12/30/03 0135	mgk
	Aroclor 1242, Solid*	ND	U		7.9	21	1.00000	ug/Kg	105996		12/30/03 0135	mgk
	Aroclor 1248, Solid*	ND	U		2.9	21	1.00000	ug/Kg	105996		12/30/03 0135	mgk
	Aroclor 1254, Solid*	ND	U		3.4	21	1.00000	ug/Kg	105996		12/30/03 0135	mgk
	Aroclor 1260, Solid*	ND	U		3.2	21	1.00000	ug/Kg	105996		12/30/03 0135	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND	U		110	250	1.00000	ug/Kg	105995		12/31/03 0622	san
	RDX, Solid	ND	U		58	100	1.00000	ug/Kg	105995		12/31/03 0622	san
	1,3,5-Trinitrobenzene, Solid	ND	U		17	100	1.00000	ug/Kg	105995		12/31/03 0622	san
	1,3-Dinitrobenzene, Solid	ND	U		18	100	1.00000	ug/Kg	105995		12/31/03 0622	san
	Nitrobenzene, Solid	ND	U		22	100	1.00000	ug/Kg	105995		12/31/03 0622	san
	2,4,6-TNT, Solid	ND	U		34	100	1.00000	ug/Kg	105995		12/31/03 0622	san
	Tetryl, Solid	ND	U		43	200	1.00000	ug/Kg	105995		12/31/03 0622	san
	2,4-Dinitrotoluene, Solid	ND	U		35	100	1.00000	ug/Kg	105995		12/31/03 0622	san
	2,6-Dinitrotoluene, Solid	ND	U		47	200	1.00000	ug/Kg	105995		12/31/03 0622	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		36	200	1.00000	ug/Kg	105995		12/31/03 0622	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		97	200	1.00000	ug/Kg	105995		12/31/03 0622	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	105995		12/31/03 0622	san
	4-Nitrotoluene, Solid	ND	U		46	500	1.00000	ug/Kg	105995		12/31/03 0622	san
	3-Nitrotoluene, Solid	ND	U		50	200	1.00000	ug/Kg	105995		12/31/03 0622	san

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB31
Date Sampled.....: 12/17/2003
Time Sampled.....: 10:30
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-14
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.033			0.0054	0.021	1	mg/Kg	106028		12/31/03 1455	daj
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	12000			2.7	23	1	mg/Kg	106021		12/31/03 0329	tds
	Antimony, Solid*	ND	U		1.0	2.3	1	mg/Kg	106021		12/31/03 0329	tds
	Arsenic, Solid*	4.3			0.58	1.1	1	mg/Kg	106021		12/31/03 0329	tds
	Barium, Solid*	57			0.18	1.1	1	mg/Kg	106021		12/31/03 0329	tds
	Beryllium, Solid*	0.66			0.050	0.46	1	mg/Kg	106021		12/31/03 0329	tds
	Cadmium, Solid*	ND	U		0.091	0.23	1	mg/Kg	106021		12/31/03 0329	tds
	Calcium, Solid*	1600			3.5	11	1	mg/Kg	106021		12/31/03 0329	tds
	Chromium, Solid*	16			0.25	1.1	1	mg/Kg	106021		12/31/03 0329	tds
	Cobalt, Solid*	4.1			0.16	0.57	1	mg/Kg	106021		12/31/03 0329	tds
	Copper, Solid*	8.6			1.0	1.1	1	mg/Kg	106021		12/31/03 0329	tds
	Iron, Solid*	15000			3.4	5.7	1	mg/Kg	106021		12/31/03 0329	tds
	Lead, Solid*	13			0.49	0.57	1	mg/Kg	106021		12/31/03 0329	tds
	Magnesium, Solid*	1300			1.9	11	1	mg/Kg	106021		12/31/03 0329	tds
	Manganese, Solid*	100			0.15	1.1	1	mg/Kg	106021		12/31/03 0329	tds
	Nickel, Solid*	7.9			0.28	1.1	1	mg/Kg	106021		12/31/03 0329	tds
	Potassium, Solid*	470			16	57	1	mg/Kg	106131		01/01/04 0335	lmr
	Selenium, Solid*	ND	U		0.46	1.1	1	mg/Kg	106021		12/31/03 0329	tds
	Silver, Solid*	ND	U		0.35	0.57	1	mg/Kg	106021		12/31/03 0329	tds
	Sodium, Solid*	150			99	110	1	mg/Kg	106021		12/31/03 0329	tds
	Thallium, Solid*	ND	U		0.75	1.1	1	mg/Kg	106021		12/31/03 0329	tds
	Vanadium, Solid*	34			0.24	0.57	1	mg/Kg	106131		01/01/04 0335	lmr
	Zinc, Solid*	17			0.46	2.3	1	mg/Kg	106021		12/31/03 0329	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB32
Date Sampled.....: 12/17/2003
Time Sampled.....: 11:15
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-15
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	79.7			0.10	0.10	1	%	105971		12/30/03 2040	clb
	% Moisture, Solid	20.3			0.10	0.10	1	%	105971		12/30/03 2040	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.6	21	1.00000	ug/Kg	105996		12/30/03 0313	mgk
	Aroclor 1221, Solid*	ND	U		8.4	21	1.00000	ug/Kg	105996		12/30/03 0313	mgk
	Aroclor 1232, Solid*	ND	U		3.8	21	1.00000	ug/Kg	105996		12/30/03 0313	mgk
	Aroclor 1242, Solid*	ND	U		7.9	21	1.00000	ug/Kg	105996		12/30/03 0313	mgk
	Aroclor 1248, Solid*	ND	U		2.9	21	1.00000	ug/Kg	105996		12/30/03 0313	mgk
	Aroclor 1254, Solid*	ND	U		3.4	21	1.00000	ug/Kg	105996		12/30/03 0313	mgk
	Aroclor 1260, Solid*	ND	U		3.1	21	1.00000	ug/Kg	105996		12/30/03 0313	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND	U		110	250	1.00000	ug/Kg	105995		12/30/03 0507	san
	RDX, Solid	ND	U		59	100	1.00000	ug/Kg	105995		12/30/03 0507	san
	1,3,5-Trinitrobenzene, Solid	ND	U		18	100	1.00000	ug/Kg	105995		12/30/03 0507	san
	1,3-Dinitrobenzene, Solid	ND	U		18	100	1.00000	ug/Kg	105995		12/30/03 0507	san
	Nitrobenzene, Solid	ND	U		22	100	1.00000	ug/Kg	105995		12/30/03 0507	san
	2,4,6-TNT, Solid	ND	U		34	100	1.00000	ug/Kg	105995		12/30/03 0507	san
	Tetryl, Solid	ND	U		43	200	1.00000	ug/Kg	105995		12/30/03 0507	san
	2,4-Dinitrotoluene, Solid	ND	U		36	100	1.00000	ug/Kg	105995		12/30/03 0507	san
	2,6-Dinitrotoluene, Solid	ND	U		48	200	1.00000	ug/Kg	105995		12/30/03 0507	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		36	200	1.00000	ug/Kg	105995		12/30/03 0507	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		97	200	1.00000	ug/Kg	105995		12/30/03 0507	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	105995		12/30/03 0507	san
	4-Nitrotoluene, Solid	ND	U		47	500	1.00000	ug/Kg	105995		12/30/03 0507	san
	3-Nitrotoluene, Solid	ND	U		50	200	1.00000	ug/Kg	105995		12/30/03 0507	san

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB32
Date Sampled.....: 12/17/2003
Time Sampled.....: 11:15
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-15
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.0068	B		0.0054	0.021	1	mg/Kg	106028		12/31/03 1457	daj
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	17000			2.9	24	1	mg/Kg	106021		12/31/03 0406	tds
	Antimony, Solid*	ND	U		1.1	2.4	1	mg/Kg	106021		12/31/03 0406	tds
	Arsenic, Solid*	2.9			0.62	1.2	1	mg/Kg	106021		12/31/03 0406	tds
	Barium, Solid*	110			0.20	1.2	1	mg/Kg	106021		12/31/03 0406	tds
	Beryllium, Solid*	0.77			0.054	0.49	1	mg/Kg	106021		12/31/03 0406	tds
	Cadmium, Solid*	ND	U		0.098	0.24	1	mg/Kg	106021		12/31/03 0406	tds
	Calcium, Solid*	2700			3.8	12	1	mg/Kg	106021		12/31/03 0406	tds
	Chromium, Solid*	17			0.27	1.2	1	mg/Kg	106021		12/31/03 0406	tds
	Cobalt, Solid*	20			0.17	0.61	1	mg/Kg	106021		12/31/03 0406	tds
	Copper, Solid*	12			1.1	1.2	1	mg/Kg	106021		12/31/03 0406	tds
	Iron, Solid*	13000			3.7	6.1	1	mg/Kg	106021		12/31/03 0406	tds
	Lead, Solid*	10			0.52	0.61	1	mg/Kg	106021		12/31/03 0406	tds
	Magnesium, Solid*	1900			2.1	12	1	mg/Kg	106021		12/31/03 0406	tds
	Manganese, Solid*	650			0.16	1.2	1	mg/Kg	106021		12/31/03 0406	tds
	Nickel, Solid*	9.4			0.31	1.2	1	mg/Kg	106021		12/31/03 0406	tds
	Potassium, Solid*	700			17	61	1	mg/Kg	106131		01/01/04 0342	lmr
	Selenium, Solid*	ND	U		0.49	1.2	1	mg/Kg	106021		12/31/03 0406	tds
	Silver, Solid*	ND	U		0.38	0.61	1	mg/Kg	106021		12/31/03 0406	tds
	Sodium, Solid*	230			110	120	1	mg/Kg	106021		12/31/03 0406	tds
	Thallium, Solid*	ND	U		0.81	1.2	1	mg/Kg	106021		12/31/03 0406	tds
	Vanadium, Solid*	26			0.26	0.61	1	mg/Kg	106131		01/01/04 0342	lmr
	Zinc, Solid*	23			0.49	2.4	1	mg/Kg	106021		12/31/03 0406	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB33
Date Sampled.....: 12/17/2003
Time Sampled.....: 13:00
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-16
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	85.0			0.10	0.10	1	%	105971		12/30/03 2040	clb
	% Moisture, Solid	15.0			0.10	0.10	1	%	105971		12/30/03 2040	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.4	19	1.00000	ug/Kg	105996		12/30/03 0346	mgk
	Aroclor 1221, Solid*	ND	U		7.8	19	1.00000	ug/Kg	105996		12/30/03 0346	mgk
	Aroclor 1232, Solid*	ND	U		3.5	19	1.00000	ug/Kg	105996		12/30/03 0346	mgk
	Aroclor 1242, Solid*	ND	U		7.3	19	1.00000	ug/Kg	105996		12/30/03 0346	mgk
	Aroclor 1248, Solid*	ND	U		2.7	19	1.00000	ug/Kg	105996		12/30/03 0346	mgk
	Aroclor 1254, Solid*	ND	U		3.1	19	1.00000	ug/Kg	105996		12/30/03 0346	mgk
	Aroclor 1260, Solid*	ND	U		2.9	19	1.00000	ug/Kg	105996		12/30/03 0346	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND	U		110	250	1.00000	ug/Kg	105995		12/30/03 0539	san
	RDX, Solid	ND	U		59	100	1.00000	ug/Kg	105995		12/30/03 0539	san
	1,3,5-Trinitrobenzene, Solid	ND	U		18	100	1.00000	ug/Kg	105995		12/30/03 0539	san
	1,3-Dinitrobenzene, Solid	ND	U		18	100	1.00000	ug/Kg	105995		12/30/03 0539	san
	Nitrobenzene, Solid	ND	U		22	100	1.00000	ug/Kg	105995		12/30/03 0539	san
	2,4,6-TNT, Solid	ND	U		34	100	1.00000	ug/Kg	105995		12/30/03 0539	san
	Tetryl, Solid	ND	U		43	200	1.00000	ug/Kg	105995		12/30/03 0539	san
	2,4-Dinitrotoluene, Solid	ND	U		36	100	1.00000	ug/Kg	105995		12/30/03 0539	san
	2,6-Dinitrotoluene, Solid	ND	U		48	200	1.00000	ug/Kg	105995		12/30/03 0539	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		36	200	1.00000	ug/Kg	105995		12/30/03 0539	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		97	200	1.00000	ug/Kg	105995		12/30/03 0539	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	105995		12/30/03 0539	san
	4-Nitrotoluene, Solid	ND	U		47	500	1.00000	ug/Kg	105995		12/30/03 0539	san
	3-Nitrotoluene, Solid	ND	U		50	200	1.00000	ug/Kg	105995		12/30/03 0539	san

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB33
Date Sampled.....: 12/17/2003
Time Sampled.....: 13:00
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-16
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.011	B		0.0051	0.019	1	mg/Kg	106028		12/31/03 1459	daj
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	14000			2.6	22	1	mg/Kg	106021		12/31/03 0412	tds
	Antimony, Solid*	ND	U		0.99	2.2	1	mg/Kg	106021		12/31/03 0412	tds
	Arsenic, Solid*	5.7			0.56	1.1	1	mg/Kg	106021		12/31/03 0412	tds
	Barium, Solid*	140			0.18	1.1	1	mg/Kg	106021		12/31/03 0412	tds
	Beryllium, Solid*	2.0			0.048	0.44	1	mg/Kg	106021		12/31/03 0412	tds
	Cadmium, Solid*	0.23			0.088	0.22	1	mg/Kg	106131		01/01/04 0349	lmr
	Calcium, Solid*	2400			3.4	11	1	mg/Kg	106021		12/31/03 0412	tds
	Chromium, Solid*	26			0.24	1.1	1	mg/Kg	106021		12/31/03 0412	tds
	Cobalt, Solid*	53			0.15	0.55	1	mg/Kg	106021		12/31/03 0412	tds
	Copper, Solid*	74			0.99	1.1	1	mg/Kg	106021		12/31/03 0412	tds
	Iron, Solid*	65000			3.3	5.5	1	mg/Kg	106021		12/31/03 0412	tds
	Lead, Solid*	8.5			0.47	0.55	1	mg/Kg	106021		12/31/03 0412	tds
	Magnesium, Solid*	4300			1.9	11	1	mg/Kg	106021		12/31/03 0412	tds
	Manganese, Solid*	330			0.14	1.1	1	mg/Kg	106021		12/31/03 0412	tds
	Nickel, Solid*	88			0.28	1.1	1	mg/Kg	106021		12/31/03 0412	tds
	Potassium, Solid*	1300			15	55	1	mg/Kg	106131		01/01/04 0349	lmr
	Selenium, Solid*	ND	U		0.44	1.1	1	mg/Kg	106021		12/31/03 0412	tds
	Silver, Solid*	ND	U		0.34	0.55	1	mg/Kg	106021		12/31/03 0412	tds
	Sodium, Solid*	ND	U		95	110	1	mg/Kg	106021		12/31/03 0412	tds
	Thallium, Solid*	ND	U		0.73	1.1	1	mg/Kg	106021		12/31/03 0412	tds
	Vanadium, Solid*	48			0.23	0.55	1	mg/Kg	106131		01/01/04 0349	lmr
	Zinc, Solid*	150			0.44	2.2	1	mg/Kg	106021		12/31/03 0412	tds

* In Description = Dry Wgt.

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Job Number: 223218

LABORATORY TEST RESULTS

Date:01/28/2004

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

Customer Sample ID: SB34
Date Sampled.....: 12/17/2003
Time Sampled.....: 13:45
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-17
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	79.6			0.10	0.10	1	%	105971		12/30/03 2040	clb
	% Moisture, Solid	20.4			0.10	0.10	1	%	105971		12/30/03 2040	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.6	21	1.00000	ug/Kg	105996		12/30/03 0419	mgk
	Aroclor 1221, Solid*	ND	U		8.4	21	1.00000	ug/Kg	105996		12/30/03 0419	mgk
	Aroclor 1232, Solid*	ND	U		3.8	21	1.00000	ug/Kg	105996		12/30/03 0419	mgk
	Aroclor 1242, Solid*	ND	U		7.9	21	1.00000	ug/Kg	105996		12/30/03 0419	mgk
	Aroclor 1248, Solid*	ND	U		2.9	21	1.00000	ug/Kg	105996		12/30/03 0419	mgk
	Aroclor 1254, Solid*	ND	U		3.4	21	1.00000	ug/Kg	105996		12/30/03 0419	mgk
	Aroclor 1260, Solid*	ND	U		3.1	21	1.00000	ug/Kg	105996		12/30/03 0419	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND	U		110	250	1.00000	ug/Kg	105995		12/30/03 0612	san
	RDX, Solid	ND	U		59	100	1.00000	ug/Kg	105995		12/30/03 0612	san
	1,3,5-Trinitrobenzene, Solid	ND	U		18	100	1.00000	ug/Kg	105995		12/30/03 0612	san
	1,3-Dinitrobenzene, Solid	ND	U		18	100	1.00000	ug/Kg	105995		12/30/03 0612	san
	Nitrobenzene, Solid	ND	U		22	100	1.00000	ug/Kg	105995		12/30/03 0612	san
	2,4,6-TNT, Solid	ND	U		34	100	1.00000	ug/Kg	105995		12/30/03 0612	san
	Tetryl, Solid	ND	U		43	200	1.00000	ug/Kg	105995		12/30/03 0612	san
	2,4-Dinitrotoluene, Solid	ND	U		36	100	1.00000	ug/Kg	105995		12/30/03 0612	san
	2,6-Dinitrotoluene, Solid	ND	U		48	200	1.00000	ug/Kg	105995		12/30/03 0612	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		36	200	1.00000	ug/Kg	105995		12/30/03 0612	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		97	200	1.00000	ug/Kg	105995		12/30/03 0612	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	105995		12/30/03 0612	san
	4-Nitrotoluene, Solid	ND	U		47	500	1.00000	ug/Kg	105995		12/30/03 0612	san
	3-Nitrotoluene, Solid	ND	U		50	200	1.00000	ug/Kg	105995		12/30/03 0612	san

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB34
Date Sampled.....: 12/17/2003
Time Sampled.....: 13:45
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-17
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.024			0.0054	0.021	1	mg/Kg	106028		12/31/03 1501	daj
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	11000			2.8	23	1	mg/Kg	106021		12/31/03 0418	tds
	Antimony, Solid*	ND	U		1.1	2.3	1	mg/Kg	106021		12/31/03 0418	tds
	Arsenic, Solid*	7.2			0.60	1.2	1	mg/Kg	106021		12/31/03 0418	tds
	Barium, Solid*	150			0.19	1.2	1	mg/Kg	106021		12/31/03 0418	tds
	Beryllium, Solid*	0.88			0.052	0.47	1	mg/Kg	106021		12/31/03 0418	tds
	Cadmium, Solid*	0.18	B		0.094	0.23	1	mg/Kg	106021		12/31/03 0418	tds
	Calcium, Solid*	8300			3.6	12	1	mg/Kg	106021		12/31/03 0418	tds
	Chromium, Solid*	19			0.26	1.2	1	mg/Kg	106021		12/31/03 0418	tds
	Cobalt, Solid*	7.6			0.16	0.59	1	mg/Kg	106021		12/31/03 0418	tds
	Copper, Solid*	33			1.1	1.2	1	mg/Kg	106021		12/31/03 0418	tds
	Iron, Solid*	17000			3.5	5.9	1	mg/Kg	106021		12/31/03 0418	tds
	Lead, Solid*	110			0.50	0.59	1	mg/Kg	106021		12/31/03 0418	tds
	Magnesium, Solid*	3400			2.0	12	1	mg/Kg	106021		12/31/03 0418	tds
	Manganese, Solid*	900			0.15	1.2	1	mg/Kg	106021		12/31/03 0418	tds
	Nickel, Solid*	19			0.29	1.2	1	mg/Kg	106021		12/31/03 0418	tds
	Potassium, Solid*	1200			16	59	1	mg/Kg	106131		01/01/04 0402	lmr
	Selenium, Solid*	ND	U		0.47	1.2	1	mg/Kg	106021		12/31/03 0418	tds
	Silver, Solid*	ND	U		0.36	0.59	1	mg/Kg	106021		12/31/03 0418	tds
	Sodium, Solid*	210			100	120	1	mg/Kg	106021		12/31/03 0418	tds
	Thallium, Solid*	ND	U		0.77	1.2	1	mg/Kg	106021		12/31/03 0418	tds
	Vanadium, Solid*	32			0.25	0.59	1	mg/Kg	106131		01/01/04 0402	lmr
	Zinc, Solid*	73			0.47	2.3	1	mg/Kg	106021		12/31/03 0418	tds
8260B	Volatile Organics											
	Dichlorodifluoromethane, Solid*	ND	U		0.83	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB34
Date Sampled.....: 12/17/2003
Time Sampled.....: 13:45
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-17
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Chloromethane, Solid*	ND	U		1.3	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	Vinyl chloride, Solid*	ND	U		1.3	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	Bromomethane, Solid*	ND	U		1.5	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	Chloroethane, Solid*	ND	U		1.1	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	Trichlorofluoromethane, Solid*	ND	U		1.6	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	1,1-Dichloroethene, Solid*	ND	U		1.5	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	Carbon disulfide, Solid*	ND	U		1.4	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	Acetone, Solid*	9.8			5.2	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	Methylene chloride, Solid*	ND	U		3.3	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	trans-1,2-Dichloroethene, Solid*	ND	U		1.3	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	Methyl-tert-butyl-ether (MTBE), Solid*	ND	U		1.1	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	1,1-Dichloroethane, Solid*	ND	U		1.1	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	2,2-Dichloropropane, Solid*	ND	U		1.0	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	cis-1,2-Dichloroethene, Solid*	ND	U		1.3	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	2-Butanone (MEK), Solid*	ND	U		4.4	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	Bromochloromethane, Solid*	ND	U		1.3	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	Chloroform, Solid*	ND	U		1.3	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	1,1,1-Trichloroethane, Solid*	ND	U		1.3	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	1,1-Dichloropropene, Solid*	ND	U		1.4	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	Carbon tetrachloride, Solid*	ND	U		1.3	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	Benzene, Solid*	ND	U		1.3	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	1,2-Dichloroethane, Solid*	ND	U		1.1	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	Trichloroethene, Solid*	ND	U		1.3	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	1,2-Dichloropropane, Solid*	ND	U		1.1	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	Dibromomethane, Solid*	ND	U		1.3	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	Bromodichloromethane, Solid*	ND	U		1.1	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	cis-1,3-Dichloropropene, Solid*	ND	U		1.1	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	4-Methyl-2-pentanone (MIBK), Solid*	ND	U		1.1	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	Toluene, Solid*	ND	U		1.3	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB34
Date Sampled.....: 12/17/2003
Time Sampled.....: 13:45
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-17
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	trans-1,3-Dichloropropene, Solid*	ND	U		0.90	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	1,1,2-Trichloroethane, Solid*	ND	U		1.3	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	Tetrachloroethene, Solid*	ND	U		1.4	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	1,3-Dichloropropane, Solid*	ND	U		1.1	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	2-Hexanone, Solid*	ND	U		1.3	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	Dibromochloromethane, Solid*	ND	U		0.90	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	1,2-Dibromoethane (EDB), Solid*	ND	U		0.93	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	Chlorobenzene, Solid*	ND	U		1.3	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	1,1,1,2-Tetrachloroethane, Solid*	ND	U		1.3	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	Ethylbenzene, Solid*	ND	U		1.3	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	m&p-Xylenes, Solid*	ND	U		2.6	11	1.00000	ug/Kg	106164		12/26/03 1910	lm
	o-Xylene, Solid*	ND	U		1.3	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	Styrene, Solid*	ND	U		1.3	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	Bromoform, Solid*	ND	U		0.85	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	Isopropylbenzene, Solid*	ND	U		1.3	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	Bromobenzene, Solid*	ND	U		1.1	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	1,1,2,2-Tetrachloroethane, Solid*	ND	U		1.1	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	1,2,3-Trichloropropane, Solid*	ND	U		1.3	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	n-Propylbenzene, Solid*	ND	U		1.5	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	2-Chlorotoluene, Solid*	ND	U		1.5	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	1,3,5-Trimethylbenzene, Solid*	ND	U		1.5	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	4-Chlorotoluene, Solid*	ND	U		1.5	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	tert-Butylbenzene, Solid*	ND	U		1.4	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	1,2,4-Trimethylbenzene, Solid*	ND	U		1.6	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	sec-Butylbenzene, Solid*	ND	U		1.4	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	p-Isopropyltoluene, Solid*	ND	U		1.5	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	n-Butylbenzene, Solid*	ND	U		1.5	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	1,2-Dibromo-3-chloropropane, Solid*	ND	U		1.4	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm
	1,2,3-Trichlorobenzene, Solid*	ND	U		1.7	5.7	1.00000	ug/Kg	106164		12/26/03 1910	lm

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB35
Date Sampled.....: 12/17/2003
Time Sampled.....: 14:15
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-18
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	81.9			0.10	0.10	1	%	105971		12/30/03 2040	clb
	% Moisture, Solid	18.1			0.10	0.10	1	%	105971		12/30/03 2040	clb
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.016	B		0.0053	0.020	1	mg/Kg	106028		12/31/03 1503	daj
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	16000			2.7	22	1	mg/Kg	106021		12/31/03 0424	tds
	Antimony, Solid*	ND	U		1.0	2.2	1	mg/Kg	106021		12/31/03 0424	tds
	Arsenic, Solid*	4.4			0.57	1.1	1	mg/Kg	106021		12/31/03 0424	tds
	Barium, Solid*	40			0.18	1.1	1	mg/Kg	106021		12/31/03 0424	tds
	Beryllium, Solid*	0.76			0.049	0.45	1	mg/Kg	106021		12/31/03 0424	tds
	Cadmium, Solid*	ND	U		0.089	0.22	1	mg/Kg	106021		12/31/03 0424	tds
	Calcium, Solid*	2400			3.5	11	1	mg/Kg	106021		12/31/03 0424	tds
	Chromium, Solid*	22			0.25	1.1	1	mg/Kg	106021		12/31/03 0424	tds
	Cobalt, Solid*	3.5			0.16	0.56	1	mg/Kg	106021		12/31/03 0424	tds
	Copper, Solid*	8.8			1.0	1.1	1	mg/Kg	106021		12/31/03 0424	tds
	Iron, Solid*	17000			3.4	5.6	1	mg/Kg	106021		12/31/03 0424	tds
	Lead, Solid*	6.7			0.48	0.56	1	mg/Kg	106021		12/31/03 0424	tds
	Magnesium, Solid*	1900			1.9	11	1	mg/Kg	106021		12/31/03 0424	tds
	Manganese, Solid*	86			0.15	1.1	1	mg/Kg	106021		12/31/03 0424	tds
	Nickel, Solid*	10			0.28	1.1	1	mg/Kg	106021		12/31/03 0424	tds
	Potassium, Solid*	540			15	56	1	mg/Kg	106131		01/01/04 0409	lmr
	Selenium, Solid*	ND	U		0.45	1.1	1	mg/Kg	106021		12/31/03 0424	tds
	Silver, Solid*	ND	U		0.35	0.56	1	mg/Kg	106021		12/31/03 0424	tds
	Sodium, Solid*	420			97	110	1	mg/Kg	106021		12/31/03 0424	tds
	Thallium, Solid*	ND	U		0.74	1.1	1	mg/Kg	106021		12/31/03 0424	tds
	Vanadium, Solid*	29			0.23	0.56	1	mg/Kg	106131		01/01/04 0409	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB35
Date Sampled.....: 12/17/2003
Time Sampled.....: 14:15
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-18
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Zinc, Solid*	21			0.45	2.2	1	mg/Kg	106021		12/31/03 0424	tds
8260B	Volatile Drganics											
	Dichlorodifluoromethane, Solid*	ND	U		0.85	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	Chloromethane, Solid*	ND	U		1.3	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	Vinyl chloride, Solid*	ND	U		1.3	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	Bromomethane, Solid*	ND	U		1.5	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	Chloroethane, Solid*	ND	U		1.2	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	Trichlorofluoromethane, Solid*	ND	U		1.6	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	1,1-Dichloroethene, Solid*	ND	U		1.5	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	Carbon disulfide, Solid*	ND	U		1.4	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	Acetone, Solid*	10			5.4	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	Methylene chloride, Solid*	ND	U		3.4	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	trans-1,2-Dichloroethene, Solid*	ND	U		1.3	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	Methyl-tert-butyl-ether (MTBE), Solid*	ND	U		1.2	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	1,1-Dichloroethane, Solid*	ND	U		1.2	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	2,2-Dichloropropane, Solid*	ND	U		1.1	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	cis-1,2-Dichloroethene, Solid*	ND	U		1.3	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	2-Butanone (MEK), Solid*	ND	U		4.5	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	Bromochloromethane, Solid*	ND	U		1.3	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	Chloroform, Solid*	ND	U		1.3	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	1,1,1-Trichloroethane, Solid*	ND	U		1.3	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	1,1-Dichloropropene, Solid*	ND	U		1.4	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	Carbon tetrachloride, Solid*	ND	U		1.3	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	Benzene, Solid*	ND	U		1.3	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	1,2-Dichloroethane, Solid*	ND	U		1.1	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	Trichloroethene, Solid*	ND	U		1.3	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	1,2-Dichloropropane, Solid*	ND	U		1.2	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	Dibromomethane, Solid*	ND	U		1.3	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB35
Date Sampled.....: 12/17/2003
Time Sampled.....: 14:15
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-18
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Bromodichloromethane, Solid*	ND	U		1.1	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	cis-1,3-Dichloropropene, Solid*	ND	U		1.1	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	4-Methyl-2-pentanone (MIBK), Solid*	ND	U		1.2	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	Toluene, Solid*	ND	U		1.3	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	trans-1,3-Dichloropropene, Solid*	ND	U		0.92	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	1,1,2-Trichloroethane, Solid*	ND	U		1.3	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	Tetrachloroethene, Solid*	ND	U		1.4	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	1,3-Dichloropropane, Solid*	ND	U		1.1	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	2-Hexanone, Solid*	ND	U		1.3	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	Dibromochloromethane, Solid*	ND	U		0.92	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	1,2-Dibromoethane (EDB), Solid*	ND	U		0.96	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	Chlorobenzene, Solid*	ND	U		1.3	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	1,1,1,2-Tetrachloroethane, Solid*	ND	U		1.3	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	Ethylbenzene, Solid*	ND	U		1.3	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	m&p-Xylenes, Solid*	ND	U		2.7	12	1.00000	ug/Kg	106164		12/26/03 1937	lm
	o-Xylene, Solid*	ND	U		1.3	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	Styrene, Solid*	ND	U		1.3	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	Bromoform, Solid*	ND	U		0.87	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	Isopropylbenzene, Solid*	ND	U		1.3	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	Bromobenzene, Solid*	ND	U		1.2	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	1,1,2,2-Tetrachloroethane, Solid*	ND	U		1.1	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	1,2,3-Trichloropropane, Solid*	ND	U		1.3	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	n-Propylbenzene, Solid*	ND	U		1.5	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	2-Chlorotoluene, Solid*	ND	U		1.5	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	1,3,5-Trimethylbenzene, Solid*	ND	U		1.5	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	4-Chlorotoluene, Solid*	ND	U		1.5	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	tert-Butylbenzene, Solid*	ND	U		1.4	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	1,2,4-Trimethylbenzene, Solid*	ND	U		1.6	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	sec-Butylbenzene, Solid*	ND	U		1.4	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB35
Date Sampled.....: 12/17/2003
Time Sampled.....: 14:15
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-18
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	p-Isopropyltoluene, Solid*	ND	U		1.5	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	n-Butylbenzene, Solid*	ND	U		1.5	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	1,2-Dibromo-3-chloropropane, Solid*	ND	U		1.4	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm
	1,2,3-Trichlorobenzene, Solid*	ND	U		1.7	5.8	1.00000	ug/Kg	106164		12/26/03 1937	lm

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 223218 Date:01/28/2004

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

Customer Sample ID: SB36
Date Sampled.....: 12/17/2003
Time Sampled.....: 15:15
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-19
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8015B MDRO	TPH - Diesel Range Organics (DRO)											
	Diesel Range Organics (DRO), 3541 Solid*	3.2	J	a	3.2	5.1	1.00000	mg/Kg	105934		12/29/03 1634	mgk
Method	% Solids Determination											
	% Solids, Solid	81.2			0.10	0.10	1	%	105971		12/30/03 2040	clb
	% Moisture, Solid	18.8			0.10	0.10	1	%	105971		12/30/03 2040	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.5	20	1.00000	ug/Kg	105996		12/30/03 0451	mgk
	Aroclor 1221, Solid*	ND	U		8.2	20	1.00000	ug/Kg	105996		12/30/03 0451	mgk
	Aroclor 1232, Solid*	ND	U		3.7	20	1.00000	ug/Kg	105996		12/30/03 0451	mgk
	Aroclor 1242, Solid*	ND	U		7.7	20	1.00000	ug/Kg	105996		12/30/03 0451	mgk
	Aroclor 1248, Solid*	ND	U		2.8	20	1.00000	ug/Kg	105996		12/30/03 0451	mgk
	Aroclor 1254, Solid*	ND	U		3.3	20	1.00000	ug/Kg	105996		12/30/03 0451	mgk
	Aroclor 1260, Solid*	ND	U		3.1	20	1.00000	ug/Kg	105996		12/30/03 0451	mgk
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.048			0.0053	0.020	1	mg/Kg	106028		12/31/03 1505	daj
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	12000			2.8	24	1	mg/Kg	106021		12/31/03 0430	tds
	Antimony, Solid*	ND	U		1.1	2.4	1	mg/Kg	106021		12/31/03 0430	tds
	Arsenic, Solid*	4.9			0.60	1.2	1	mg/Kg	106021		12/31/03 0430	tds
	Barium, Solid*	60			0.19	1.2	1	mg/Kg	106021		12/31/03 0430	tds
	Beryllium, Solid*	0.84			0.052	0.47	1	mg/Kg	106021		12/31/03 0430	tds
	Cadmium, Solid*	ND	U		0.094	0.24	1	mg/Kg	106021		12/31/03 0430	tds
	Calcium, Solid*	1800			3.6	12	1	mg/Kg	106021		12/31/03 0430	tds
	Chromium, Solid*	17			0.26	1.2	1	mg/Kg	106021		12/31/03 0430	tds
	Cobalt, Solid*	4.7			0.16	0.59	1	mg/Kg	106021		12/31/03 0430	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB36
Date Sampled.....: 12/17/2003
Time Sampled.....: 15:15
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-19
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Copper, Solid*	9.7			1.1	1.2	1	mg/Kg	106021		12/31/03 0430	tds
	Iron, Solid*	16000			3.5	5.9	1	mg/Kg	106021		12/31/03 0430	tds
	Lead, Solid*	9.7			0.51	0.59	1	mg/Kg	106021		12/31/03 0430	tds
	Magnesium, Solid*	1600			2.0	12	1	mg/Kg	106021		12/31/03 0430	tds
	Manganese, Solid*	170			0.15	1.2	1	mg/Kg	106021		12/31/03 0430	tds
	Nickel, Solid*	10			0.29	1.2	1	mg/Kg	106021		12/31/03 0430	tds
	Potassium, Solid*	480			16	59	1	mg/Kg	106131		01/01/04 0416	lmr
	Selenium, Solid*	ND	U		0.47	1.2	1	mg/Kg	106021		12/31/03 0430	tds
	Silver, Solid*	ND	U		0.36	0.59	1	mg/Kg	106021		12/31/03 0430	tds
	Sodium, Solid*	340			100	120	1	mg/Kg	106021		12/31/03 0430	tds
	Thallium, Solid*	ND	U		0.78	1.2	1	mg/Kg	106021		12/31/03 0430	tds
	Vanadium, Solid*	31			0.25	0.59	1	mg/Kg	106131		01/01/04 0416	lmr
	Zinc, Solid*	23			0.47	2.4	1	mg/Kg	106021		12/31/03 0430	tds

* In Description = Dry Wgt.

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Job Number: 223218

LABORATORY TEST RESULTS

Date:01/28/2004

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

Customer Sample ID: SB37
Date Sampled.....: 12/17/2003
Time Sampled.....: 16:10
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-20
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8015B MDRO	TPH - Diesel Range Organics (DRO)											
	Diesel Range Organics (DRO), 3541 Solid*	5.1			3.1	5.0	1.00000	mg/Kg	105934		12/29/03 1713	mgk
Method	% Solids Determination											
	% Solids, Solid	82.1			0.10	0.10	1	%	105971		12/30/03 2040	clb
	% Moisture, Solid	17.9			0.10	0.10	1	%	105971		12/30/03 2040	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.5	20	1.00000	ug/Kg	105996		12/30/03 0557	mgk
	Aroclor 1221, Solid*	ND	U		8.1	20	1.00000	ug/Kg	105996		12/30/03 0557	mgk
	Aroclor 1232, Solid*	ND	U		3.6	20	1.00000	ug/Kg	105996		12/30/03 0557	mgk
	Aroclor 1242, Solid*	ND	U		7.6	20	1.00000	ug/Kg	105996		12/30/03 0557	mgk
	Aroclor 1248, Solid*	ND	U		2.8	20	1.00000	ug/Kg	105996		12/30/03 0557	mgk
	Aroclor 1254, Solid*	ND	U		3.3	20	1.00000	ug/Kg	105996		12/30/03 0557	mgk
	Aroclor 1260, Solid*	ND	U		3.0	20	1.00000	ug/Kg	105996		12/30/03 0557	mgk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB38
Date Sampled.....: 12/17/2003
Time Sampled.....: 16:30
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-21
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8015B MDRO	TPH - Diesel Range Organics (DRO)											
	Diesel Range Organics (DRO), 3541 Solid*	4.8	J	a	3.1	5.0	1.00000	mg/Kg	105934		12/29/03 1752	mgk
Method	% Solids Determination											
	% Solids, Solid	83.9			0.10	0.10	1	%	105972		12/30/03 2040	clb
	% Moisture, Solid	16.1			0.10	0.10	1	%	105972		12/30/03 2040	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.4	20	1.00000	ug/Kg	105996		12/30/03 0630	mgk
	Aroclor 1221, Solid*	ND	U		8.0	20	1.00000	ug/Kg	105996		12/30/03 0630	mgk
	Aroclor 1232, Solid*	ND	U		3.6	20	1.00000	ug/Kg	105996		12/30/03 0630	mgk
	Aroclor 1242, Solid*	ND	U		7.5	20	1.00000	ug/Kg	105996		12/30/03 0630	mgk
	Aroclor 1248, Solid*	ND	U		2.7	20	1.00000	ug/Kg	105996		12/30/03 0630	mgk
	Aroclor 1254, Solid*	ND	U		3.2	20	1.00000	ug/Kg	105996		12/30/03 0630	mgk
	Aroclor 1260, Solid*	ND	U		3.0	20	1.00000	ug/Kg	105996		12/30/03 0630	mgk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB39
Date Sampled.....: 12/17/2003
Time Sampled.....: 17:10
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-22
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8015B MDRO	TPH - Diesel Range Organics (DRO)											
	Diesel Range Organics (DRO), 3541 Solid*	27			3.1	4.9	1.00000	mg/Kg	105934		12/30/03 1003	mgk
Method	% Solids Determination											
	% Solids, Solid	83.3			0.10	0.10	1	%	105972		12/30/03 2040	clb
	% Moisture, Solid	16.7			0.10	0.10	1	%	105972		12/30/03 2040	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		35	200	10.0000	ug/Kg	105996		12/30/03 0840	mgk
	Aroclor 1221, Solid*	ND	U		80	200	10.0000	ug/Kg	105996		12/30/03 0840	mgk
	Aroclor 1232, Solid*	ND	U		36	200	10.0000	ug/Kg	105996		12/30/03 0840	mgk
	Aroclor 1242, Solid*	ND	U		75	200	10.0000	ug/Kg	105996		12/30/03 0840	mgk
	Aroclor 1248, Solid*	ND	U		28	200	10.0000	ug/Kg	105996		12/30/03 0840	mgk
	Aroclor 1254, Solid*	ND	U		32	200	10.0000	ug/Kg	105996		12/30/03 0840	mgk
	Aroclor 1260, Solid*	3900			30	200	10.0000	ug/Kg	105996		12/30/03 0840	mgk

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223218

Date:01/28/2004

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

Customer Sample ID: SB40
Date Sampled.....: 12/17/2003
Time Sampled.....: 17:30
Sample Matrix.....: Soil

Laboratory Sample ID: 223218-23
Date Received.....: 12/19/2003
Time Received.....: 10:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8015B MDRO	TPH - Diesel Range Organics (DRO)											
	Diesel Range Organics (DRO), 3541 Solid*	17			3.1	5.0	1.00000	mg/Kg	105934		12/30/03 1120	mgk
Method	% Solids Determination											
	% Solids, Solid	82.1			0.10	0.10	1	%	105972		12/30/03 2040	clb
	% Moisture, Solid	17.9			0.10	0.10	1	%	105972		12/30/03 2040	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		35	200	10.0000	ug/Kg	105996		12/30/03 1230	mgk
	Aroclor 1221, Solid*	ND	U		81	200	10.0000	ug/Kg	105996		12/30/03 1230	mgk
	Aroclor 1232, Solid*	ND	U		36	200	10.0000	ug/Kg	105996		12/30/03 1230	mgk
	Aroclor 1242, Solid*	ND	U		76	200	10.0000	ug/Kg	105996		12/30/03 1230	mgk
	Aroclor 1248, Solid*	ND	U		28	200	10.0000	ug/Kg	105996		12/30/03 1230	mgk
	Aroclor 1254, Solid*	ND	U		33	200	10.0000	ug/Kg	105996		12/30/03 1230	mgk
	Aroclor 1260, Solid*	1000			30	200	10.0000	ug/Kg	105996		12/30/03 1230	mgk

* In Description = Dry Wgt.

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LABORATORY CHRONICLE

Job Number: 223218 Date: 01/28/2004

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

Lab ID: 223218-1 Client ID: SB18 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105971		12/30/2003	2040	
8330	8330 Extraction (Explosives)	1	105476		12/23/2003	1400	
3050B	Acid Digestion: Solids (ICAP)	1	105701		12/29/2003	1135	
EDD	Electronic Data Deliverable	1	106231				
8330	Explosives by 8330 (HPLC)	1	105995	105476	12/29/2003	2204	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	105538		12/25/2003	0900	
7471A	Mercury (CVAA) Solids	1	106028	106001	12/31/2003	1407	
6010B	Metals Analysis (ICAP Trace)	1	106021	105701	12/31/2003	0115	
6010B	Metals Analysis (ICAP Trace)	1	106131	105701	01/01/2004	0033	
8082	PCB Analysis	1	105996	105538	12/29/2003	1546	1.00000
7470/7471	SW846 Digestion (Hg)	1	106001		12/31/2003	0925	

Lab ID: 223218-2 Client ID: SB19 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105971		12/30/2003	2040	
8330	8330 Extraction (Explosives)	1	105476		12/23/2003	1400	
3050B	Acid Digestion: Solids (ICAP)	1	105701		12/29/2003	1135	
8330	Explosives by 8330 (HPLC)	1	105995	105476	12/29/2003	2236	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	105538		12/25/2003	0900	
7471A	Mercury (CVAA) Solids	1	106028	106001	12/31/2003	1415	
6010B	Metals Analysis (ICAP Trace)	1	106021	105701	12/31/2003	0146	
6010B	Metals Analysis (ICAP Trace)	1	106131	105701	01/01/2004	0107	
8082	PCB Analysis	1	105996	105538	12/29/2003	1757	1.00000
7470/7471	SW846 Digestion (Hg)	1	106001		12/31/2003	0925	

Lab ID: 223218-3 Client ID: SB20 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105971		12/30/2003	2040	
5030A	5030 Purge & Trap of Methanol Extract	1	105814		12/30/2003	0414	
5035	5035 Archon Closed Purge & Trap	1	105634		12/26/2003	2004	
5035	5035 Preservation High (Methanol)	1	105448		12/17/2003	1220	
5035	5035 Preservation Low	1	105443		12/17/2003	1220	
5035	5035 Preservation Low	2	105443		12/17/2003	1220	
3050B	Acid Digestion: Solids (ICAP)	1	105701		12/29/2003	1135	
3550B	Extraction Ultrasonic (PCBs)	1	105538		12/25/2003	0900	
7471A	Mercury (CVAA) Solids	1	106028	106001	12/31/2003	1424	
6010B	Metals Analysis (ICAP Trace)	1	106021	105701	12/31/2003	0152	
6010B	Metals Analysis (ICAP Trace)	1	106131	105701	01/01/2004	0113	
8082	PCB Analysis	1	105996	105538	12/29/2003	1830	1.00000
7470/7471	SW846 Digestion (Hg)	1	106001		12/31/2003	0925	
8260B	Volatile Organics	1	106164	105443-105634	12/26/2003	2004	1.00000

Lab ID: 223218-4 Client ID: SB21 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105971		12/30/2003	2040	
3050B	Acid Digestion: Solids (ICAP)	1	105701		12/29/2003	1135	
3550B	Extraction Ultrasonic (PCBs)	1	105538		12/25/2003	0900	
7471A	Mercury (CVAA) Solids	1	106028	106001	12/31/2003	1426	
6010B	Metals Analysis (ICAP Trace)	1	106021	105701	12/31/2003	0159	
6010B	Metals Analysis (ICAP Trace)	1	106131	105701	01/01/2004	0201	5
8082	PCB Analysis	1	105996	105538	12/29/2003	1902	1.00000
7470/7471	SW846 Digestion (Hg)	1	106001		12/31/2003	0925	

Lab ID: 223218-5 Client ID: SB22 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105971		12/30/2003	2040	

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LABORATORY CHRONICLE

Job Number: 223218 Date: 01/28/2004

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

Lab ID: 223218-5 Client ID: SB22 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	105701		12/29/2003	1135	
7471A	Mercury (CVAA) Solids	1	106028	106001	12/31/2003	1520	2000
6010B	Metals Analysis (ICAP Trace)	1	106021	105701	12/31/2003	0233	
6010B	Metals Analysis (ICAP Trace)	1	106131	105701	01/01/2004	0207	
7470/7471	SW846 Digestion (Hg)	1	106001		12/31/2003	0925	
9045C	pH (Soil)	1	106149	106149	01/02/2004	1209	

Lab ID: 223218-6 Client ID: SB23 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105971		12/30/2003	2040	
8330	8330 Extraction (Explosives)	1	105476		12/23/2003	1400	
3050B	Acid Digestion: Solids (ICAP)	1	105701		12/29/2003	1135	
8330	Explosives by 8330 (HPLC)	1	105995	105476	12/29/2003	2309	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	105538		12/25/2003	0900	
7471A	Mercury (CVAA) Solids	1	106028	106001	12/31/2003	1434	
6010B	Metals Analysis (ICAP Trace)	1	106021	105701	12/31/2003	0239	
6010B	Metals Analysis (ICAP Trace)	1	106131	105701	01/01/2004	0214	
8082	PCB Analysis	1	105996	105538	12/29/2003	1935	1.00000
7470/7471	SW846 Digestion (Hg)	1	106001		12/31/2003	0925	

Lab ID: 223218-7 Client ID: SB24 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105971		12/30/2003	2040	
5030A	5030 Purge & Trap of Methanol Extract	1	105814		12/30/2003	0436	
5035	5035 Archon Closed Purge & Trap	1	105634		12/26/2003	1843	
5035	5035 Preservation High (Methanol)	1	105448		12/17/2003	1430	
5035	5035 Preservation Low	1	105443		12/17/2003	1430	
8330	8330 Extraction (Explosives)	1	105476		12/23/2003	1400	
3050B	Acid Digestion: Solids (ICAP)	1	105701		12/29/2003	1135	
8330	Explosives by 8330 (HPLC)	1	105995	105476	12/29/2003	2342	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	105538		12/25/2003	0900	
7471A	Mercury (CVAA) Solids	1	106028	106001	12/31/2003	1436	
6010B	Metals Analysis (ICAP Trace)	1	106021	105701	12/31/2003	0245	
6010B	Metals Analysis (ICAP Trace)	1	106131	105701	01/01/2004	0221	
8082	PCB Analysis	1	105996	105538	12/29/2003	2113	1.00000
7470/7471	SW846 Digestion (Hg)	1	106001		12/31/2003	0925	
8260B	Volatile Organics	1	106164	105443-105634	12/26/2003	1843	1.00000

Lab ID: 223218-8 Client ID: SB25 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105971		12/30/2003	2040	
8330	8330 Extraction (Explosives)	1	105476		12/23/2003	1400	
3050B	Acid Digestion: Solids (ICAP)	1	105701		12/29/2003	1135	
8330	Explosives by 8330 (HPLC)	1	105995	105476	12/30/2003	0014	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	105538		12/25/2003	0900	
7471A	Mercury (CVAA) Solids	1	106028	106001	12/31/2003	1438	
6010B	Metals Analysis (ICAP Trace)	1	106021	105701	12/31/2003	0252	
6010B	Metals Analysis (ICAP Trace)	1	106131	105701	01/01/2004	0228	
8082	PCB Analysis	1	105996	105538	12/29/2003	2146	1.00000
7470/7471	SW846 Digestion (Hg)	1	106001		12/31/2003	0925	

Lab ID: 223218-9 Client ID: SB26 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105971		12/30/2003	2040	
8330	8330 Extraction (Explosives)	1	105476		12/23/2003	1400	

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LABORATORY CHRONICLE

Job Number: 223218 Date: 01/28/2004

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

Lab ID: 223218-9 Client ID: SB26 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	105701		12/29/2003	1135	
8330	Explosives by 8330 (HPLC)	1	105995	105476	12/30/2003	0047	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	105538		12/25/2003	0900	
7471A	Mercury (CVAA) Solids	1	106028	106001	12/31/2003	1440	
6010B	Metals Analysis (ICAP Trace)	1	106021	105701	12/31/2003	0258	
6010B	Metals Analysis (ICAP Trace)	1	106131	105701	01/01/2004	0234	
8082	PCB Analysis	1	105996	105538	12/29/2003	2218	1.00000
7470/7471	SW846 Digestion (Hg)	1	106001		12/31/2003	0925	

Lab ID: 223218-10 Client ID: SB27 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105971		12/30/2003	2040	
3050B	Acid Digestion: Solids (ICAP)	1	105701		12/29/2003	1135	
3541	Extraction Soxhlet (DRO)	1	105534		12/24/2003	1115	
3550B	Extraction Ultrasonic (PCBs)	1	105538		12/25/2003	0900	
7471A	Mercury (CVAA) Solids	1	106028	106001	12/31/2003	1442	
6010B	Metals Analysis (ICAP Trace)	1	106021	105701	12/31/2003	0304	
6010B	Metals Analysis (ICAP Trace)	1	106131	105701	01/01/2004	0241	
8082	PCB Analysis	1	105996	105538	12/29/2003	2251	1.00000
7470/7471	SW846 Digestion (Hg)	1	106001		12/31/2003	0925	
8015B MDRO	TPH - Diesel Range Organics (DRO)	1	105934	105534	12/29/2003	1556	1.00000

Lab ID: 223218-11 Client ID: SB28 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105971		12/30/2003	2040	
8330	8330 Extraction (Explosives)	1	105476		12/23/2003	1400	
3050B	Acid Digestion: Solids (ICAP)	1	105701		12/29/2003	1135	
8330	Explosives by 8330 (HPLC)	1	105995	105476	12/30/2003	0119	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	105538		12/25/2003	0900	
7471A	Mercury (CVAA) Solids	1	106028	106001	12/31/2003	1444	
6010B	Metals Analysis (ICAP Trace)	1	106021	105701	12/31/2003	0310	
6010B	Metals Analysis (ICAP Trace)	1	106131	105701	01/01/2004	0248	
8082	PCB Analysis	1	105996	105538	12/29/2003	2356	1.00000
7470/7471	SW846 Digestion (Hg)	1	106001		12/31/2003	0925	

Lab ID: 223218-12 Client ID: SB29 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105971		12/30/2003	2040	
8330	8330 Extraction (Explosives)	1	105476		12/23/2003	1400	
3050B	Acid Digestion: Solids (ICAP)	1	105701		12/29/2003	1135	
8330	Explosives by 8330 (HPLC)	1	105995	105476	12/30/2003	0224	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	105538		12/25/2003	0900	
7471A	Mercury (CVAA) Solids	1	106028	106001	12/31/2003	1447	
6010B	Metals Analysis (ICAP Trace)	1	106021	105701	12/31/2003	0317	
6010B	Metals Analysis (ICAP Trace)	1	106131	105701	01/01/2004	0255	
8082	PCB Analysis	1	105996	105538	12/30/2003	0029	1.00000
7470/7471	SW846 Digestion (Hg)	1	106001		12/31/2003	0925	

Lab ID: 223218-13 Client ID: SB30 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105971		12/30/2003	2040	
8330	8330 Extraction (Explosives)	1	105476		12/23/2003	1400	
3050B	Acid Digestion: Solids (ICAP)	1	105701		12/29/2003	1135	
8330	Explosives by 8330 (HPLC)	1	105995	105476	12/30/2003	0402	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	105538		12/25/2003	0900	

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LABORATORY CHRONICLE

Job Number: 223218 Date: 01/28/2004

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

Lab ID: 223218-13 Client ID: SB30 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
7471A	Mercury (CVAA) Solids	1	106028	106001	12/31/2003	1453	
6010B	Metals Analysis (ICAP Trace)	1	106021	105701	12/31/2003	0323	
6010B	Metals Analysis (ICAP Trace)	1	106131	105701	01/01/2004	0301	
8082	PCB Analysis	1	105996	105538	12/30/2003	0102	1.00000
7470/7471	SW846 Digestion (Hg)	1	106001		12/31/2003	0925	

Lab ID: 223218-14 Client ID: SB31 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105971		12/30/2003	2040	
8330	8330 Extraction (Explosives)	1	105476		12/23/2003	1400	
3050B	Acid Digestion: Solids (ICAP)	1	105701		12/29/2003	1135	
8330	Explosives by 8330 (HPLC)	1	105995	105476	12/31/2003	0622	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	105538		12/25/2003	0900	
7471A	Mercury (CVAA) Solids	1	106028	106001	12/31/2003	1455	
6010B	Metals Analysis (ICAP Trace)	1	106021	105701	12/31/2003	0329	
6010B	Metals Analysis (ICAP Trace)	1	106131	105701	01/01/2004	0335	
8082	PCB Analysis	1	105996	105538	12/30/2003	0135	1.00000
7470/7471	SW846 Digestion (Hg)	1	106001		12/31/2003	0925	

Lab ID: 223218-15 Client ID: SB32 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105971		12/30/2003	2040	
8330	8330 Extraction (Explosives)	1	105476		12/23/2003	1400	
3050B	Acid Digestion: Solids (ICAP)	1	105701		12/29/2003	1135	
8330	Explosives by 8330 (HPLC)	1	105995	105476	12/30/2003	0507	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	105538		12/25/2003	0900	
7471A	Mercury (CVAA) Solids	1	106028	106001	12/31/2003	1457	
6010B	Metals Analysis (ICAP Trace)	1	106021	105701	12/31/2003	0406	
6010B	Metals Analysis (ICAP Trace)	1	106131	105701	01/01/2004	0342	
8082	PCB Analysis	1	105996	105538	12/30/2003	0313	1.00000
7470/7471	SW846 Digestion (Hg)	1	106001		12/31/2003	0925	

Lab ID: 223218-16 Client ID: SB33 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105971		12/30/2003	2040	
8330	8330 Extraction (Explosives)	1	105476		12/23/2003	1400	
3050B	Acid Digestion: Solids (ICAP)	1	105701		12/29/2003	1135	
8330	Explosives by 8330 (HPLC)	1	105995	105476	12/30/2003	0539	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	105538		12/25/2003	0900	
7471A	Mercury (CVAA) Solids	1	106028	106001	12/31/2003	1459	
6010B	Metals Analysis (ICAP Trace)	1	106021	105701	12/31/2003	0412	
6010B	Metals Analysis (ICAP Trace)	1	106131	105701	01/01/2004	0349	
8082	PCB Analysis	1	105996	105538	12/30/2003	0346	1.00000
7470/7471	SW846 Digestion (Hg)	1	106001		12/31/2003	0925	

Lab ID: 223218-17 Client ID: SB34 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105971		12/30/2003	2040	
5030A	5030 Purge & Trap of Methanol Extract	1	105814		12/30/2003	0459	
5035	5035 Archon Closed Purge & Trap	1	105634		12/26/2003	1910	
5035	5035 Preservation High (Methanol)	1	105448		12/17/2003	1345	
5035	5035 Preservation Low	1	105443		12/17/2003	1345	
5035	5035 Preservation Low	2	105443		12/17/2003	1345	
8330	8330 Extraction (Explosives)	1	105476		12/23/2003	1400	
3050B	Acid Digestion: Solids (ICAP)	1	105701		12/29/2003	1135	

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LABORATORY CHRONICLE

Job Number: 223218 Date: 01/28/2004

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

Lab ID: 223218-17 Client ID: SB34 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
8330	Explosives by 8330 (HPLC)	1	105995	105476	12/30/2003 0612	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	105538		12/25/2003 0900	
7471A	Mercury (CVAA) Solids	1	106028	106001	12/31/2003 1501	
6010B	Metals Analysis (ICAP Trace)	1	106021	105701	12/31/2003 0418	
6010B	Metals Analysis (ICAP Trace)	1	106131	105701	01/01/2004 0402	
8082	PCB Analysis	1	105996	105538	12/30/2003 0419	1.00000
7470/7471	SW846 Digestion (Hg)	1	106001		12/31/2003 0925	
8260B	Volatile Organics	1	106164	105443-105634	12/26/2003 1910	1.00000

Lab ID: 223218-18 Client ID: SB35 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	105971		12/30/2003 2040	
5030A	5030 Purge & Trap of Methanol Extract	1	105814		12/30/2003 0521	
5035	5035 Archon Closed Purge & Trap	1	105634		12/26/2003 1937	
5035	5035 Preservation High (Methanol)	1	105448		12/17/2003 1415	
5035	5035 Preservation Low	1	105443		12/17/2003 1415	
5035	5035 Preservation Low	2	105443		12/17/2003 1415	
3050B	Acid Digestion: Solids (ICAP)	1	105701		12/29/2003 1135	
7471A	Mercury (CVAA) Solids	1	106028	106001	12/31/2003 1503	
6010B	Metals Analysis (ICAP Trace)	1	106021	105701	12/31/2003 0424	
6010B	Metals Analysis (ICAP Trace)	1	106131	105701	01/01/2004 0409	
7470/7471	SW846 Digestion (Hg)	1	106001		12/31/2003 0925	
8260B	Volatile Organics	1	106164	105443-105634	12/26/2003 1937	1.00000

Lab ID: 223218-19 Client ID: SB36 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	105971		12/30/2003 2040	
3050B	Acid Digestion: Solids (ICAP)	1	105701		12/29/2003 1135	
3541	Extraction Soxhlet (DRO)	1	105534		12/24/2003 1115	
3550B	Extraction Ultrasonic (PCBs)	1	105538		12/25/2003 0900	
7471A	Mercury (CVAA) Solids	1	106028	106001	12/31/2003 1505	
6010B	Metals Analysis (ICAP Trace)	1	106021	105701	12/31/2003 0430	
6010B	Metals Analysis (ICAP Trace)	1	106131	105701	01/01/2004 0416	
8082	PCB Analysis	1	105996	105538	12/30/2003 0451	1.00000
7470/7471	SW846 Digestion (Hg)	1	106001		12/31/2003 0925	
8015B MDRO	TPH - Diesel Range Organics (DRO)	1	105934	105534	12/29/2003 1634	1.00000

Lab ID: 223218-20 Client ID: SB37 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	105971		12/30/2003 2040	
3541	Extraction Soxhlet (DRO)	1	105534		12/24/2003 1115	
3550B	Extraction Ultrasonic (PCBs)	1	105538		12/25/2003 0900	
8082	PCB Analysis	1	105996	105538	12/30/2003 0557	1.00000
8015B MDRO	TPH - Diesel Range Organics (DRO)	1	105934	105534	12/29/2003 1713	1.00000

Lab ID: 223218-21 Client ID: SB38 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	105972		12/30/2003 2040	
3541	Extraction Soxhlet (DRO)	1	105534		12/24/2003 1115	
3550B	Extraction Ultrasonic (PCBs)	1	105538		12/25/2003 0900	
8082	PCB Analysis	1	105996	105538	12/30/2003 0630	1.00000
8015B MDRO	TPH - Diesel Range Organics (DRO)	1	105934	105534	12/29/2003 1752	1.00000

Lab ID: 223218-22 Client ID: SB39 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED	DILUTION
Method	% Solids Determination	1	105972		12/30/2003 2040	

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

Job Number: 223218 Date: 01/28/2004

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

Lab ID: 223218-22 Client ID: SB39 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
3541	Extraction Soxhlet (DRO)	1	105534			12/24/2003	1115	
3550B	Extraction Ultrasonic (PCBs)	1	105538			12/25/2003	0900	
8082	PCB Analysis	1	105996	105538		12/30/2003	0840	10.0000
8015B MDRO	TPH - Diesel Range Organics (DRO)	1	105934	105534		12/30/2003	1003	1.00000

Lab ID: 223218-23 Client ID: SB40 Date Recvd: 12/19/2003 Sample Date: 12/17/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105972			12/30/2003	2040	
3541	Extraction Soxhlet (DRO)	1	105534			12/24/2003	1115	
3550B	Extraction Ultrasonic (PCBs)	1	105553			12/26/2003	0830	
8082	PCB Analysis	1	105996	105553		12/30/2003	1230	10.0000
8015B MDRO	TPH - Diesel Range Organics (DRO)	1	105934	105534		12/30/2003	1120	1.00000

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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.: 223218 Report Date.: 01/28/2004

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

Method.....: TPH - Diesel Range Organics (DRO) Test Matrix...: 3541 Solid Prep Batch..: 105534
Method Code...: 8015D Batch(s).....: 105934

Lab ID	DT	Sample ID	Date	2FLUBP	OTERPH
LCS			12/29/2003	94	95
MB			12/29/2003	89	91
223218- 10		SB27	12/29/2003	81	86
223218- 19		SB36	12/29/2003	86	92
223218- 20		SB37	12/29/2003	85	91
223218- 21		SB38	12/29/2003	91	101
223218- 22		SB39	12/30/2003	84	98
223218- 23		SB40	12/30/2003	81	91

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.: 223218 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).....: 105996
Prep Batch..: 105538

Lab ID	DT	Sample ID	Date	DCB	TCX
LCS			12/29/2003	85	84
MB			12/29/2003	86	92
223218- 1		SB18	12/29/2003	81	77
223218- 1	MS	SB18	12/29/2003	70	75
223218- 1	MSD	SB18	12/29/2003	66	82
223218- 2		SB19	12/29/2003	75	88
223218- 3		SB20	12/29/2003	70	80
223218- 4		SB21	12/29/2003	70	86
223218- 6		SB23	12/29/2003	68	87
223218- 7		SB24	12/29/2003	76	87
223218- 8		SB25	12/29/2003	64	80
223218- 9		SB26	12/29/2003	72	82
223218- 10		SB27	12/29/2003	74	76
223218- 11		SB28	12/29/2003	65	73
223218- 12		SB29	12/30/2003	71	79
223218- 13		SB30	12/30/2003	77	86
223218- 14		SB31	12/30/2003	79	90
223218- 15		SB32	12/30/2003	72	82
223218- 16		SB33	12/30/2003	72	75
223218- 17		SB34	12/30/2003	61	74
223218- 19		SB36	12/30/2003	72	76
223218- 20		SB37	12/30/2003	81	77
223218- 21		SB38	12/30/2003	69	87
223218- 22		SB39	12/30/2003	87	84

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).....: 105996
Prep Batch..: 105553

Lab ID	DT	Sample ID	Date	DCB	TCX
LCS			12/30/2003	89	79
MB			12/30/2003	89	80
223218- 23		SB40	12/30/2003	110	80

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.: 223218 Report Date.: 01/28/2004

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

Method.....: Volatile Organics
Method Code...: 8260B
Test Matrix...: Solid
Batch(s).....: 106164
Prep Batch..: 105443

Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
EB1			12/26/2003	87	82	86	90
EB3			12/26/2003	71	73	76	83
223218- 3		SB20	12/26/2003	76	93	77	84
223218- 7		SB24	12/26/2003	73	74	76	82
223218- 17		SB34	12/26/2003	63	66	69	73
223218- 18		SB35	12/26/2003	91	77	94	87

Test	Test Description	Limits
12DCED	1,2-Dichloroethane-d4 (surr)	50 - 145
BRFLBE	4-Bromofluorobenzene (surr)	60 - 140
DBRFLM	Dibromofluoromethane (surr)	60 - 140
TOLD8	Toluene-d8 (surr)	66 - 141

Method.....: Volatile Organics
Method Code...: 8260B
Test Matrix...: Solid
Batch(s).....: 106164
Prep Batch..: 105634

Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
LCS			12/26/2003	90	87	89	93
MB			12/26/2003	74	70	74	80

Test	Test Description	Limits
12DCED	1,2-Dichloroethane-d4 (surr)	50 - 145
BRFLBE	4-Bromofluorobenzene (surr)	60 - 140
DBRFLM	Dibromofluoromethane (surr)	60 - 140
TOLD8	Toluene-d8 (surr)	66 - 141

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SURROGATE RECOVERIES REPORT

Job Number.: 223218 Report Date.: 01/28/2004

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

Method.....: Explosives by 8330 (HPLC) Test Matrix...: Solid Prep Batch..: 105476
Method Code...: 8330 Batch(s)....: 105995

Lab ID	DT	Sample ID	Date	12DNBZ
LCS			12/29/2003	98
MB			12/29/2003	97
223218- 1		SB18	12/29/2003	97
223218- 2		SB19	12/29/2003	97
223218- 6		SB23	12/29/2003	98
223218- 7		SB24	12/29/2003	97
223218- 8		SB25	12/30/2003	93
223218- 9		SB26	12/30/2003	95
223218- 11		SB28	12/30/2003	97
223218- 12		SB29	12/30/2003	98
223218- 12	MS	SB29	12/30/2003	99
223218- 12	MSD	SB29	12/30/2003	100
223218- 13		SB30	12/30/2003	97
223218- 14		SB31	12/31/2003	94
223218- 15		SB32	12/30/2003	97
223218- 16		SB33	12/30/2003	96
223218- 17		SB34	12/30/2003	93

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

QUALITY CONTROL RESULTS

Job Number.: 223218

Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	003LWLPCBA	105538-002		12/29/2003	1513

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

Equipment Code....: INST0708
Batch.....: 105996

Analyst...: mgk

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Solid	ug/Kg	131.703		166.700	2.900 U	79	%	63-106	
Aroclor 1260, Solid	ug/Kg	137.503		167.000	2.500 U	82	%	68-105	

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

QUALITY CONTROL RESULTS

Job Number.: 223218

Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	003LWLPCBA	105553-002		12/30/2003	1158

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

Equipment Code....: INST0708
Batch.....: 105996

Analyst...: mgk

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Solid	ug/Kg	134.717		166.700	2.900 U	81	%	63-106	
Aroclor 1260, Solid	ug/Kg	146.520		167.000	2.500 U	88	%	68-105	

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

QUALITY CONTROL RESULTS

Job Number.: 223218 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		105538-001		12/29/2003	1440

Test Method.....: 8082 Equipment Code....: INST0708 Analyst...: mgk
Method Description.: PCB Analysis Batch.....: 105996

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

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

QUALITY CONTROL RESULTS

Job Number.: 223218

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		105553-001		12/30/2003	1125

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

Equipment Code....: INST0708
Batch.....: 105996

Analyst...: mgk

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

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

QUALITY CONTROL RESULTS

Job Number.: 223218

Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	003LWLPCBA	223218-1		12/29/2003	1619

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

Equipment Code....: INST0708
Batch.....: 105996

Analyst...: mgk

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Solid	ug/Kg	151.500		206.900	3.600 U	73	%	63-106	
Aroclor 1260, Solid	ug/Kg	142.732		207.300	3.103 U	69	%	68-105	

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

QUALITY CONTROL RESULTS

Job Number.: 223218 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	003LWLPCBA	223218-1		12/29/2003	1652

Test Method.....: 8082 Equipment Code....: INST0708 Analyst...: mgk
Method Description.: PCB Analysis Batch.....: 105996

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Solid	ug/Kg	155.840	151.500	206.100	3.585 U	76	%	63-106	
						4	R	30	
Aroclor 1260, Solid	ug/Kg	148.002	142.732	206.500	3.091 U	72	%	68-105	
						4	R	30	

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

QUALITY CONTROL RESULTS

Job Number.: 223218 Report Date.: 01/28/2004

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

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

Test Method.....: 8015B MDRO Equipment Code....: INST10 Analyst...: mgk
Method Description.: TPH - Diesel Range Organics (DRO) Batch.....: 105934

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

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

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

Job Number.: 223218 Report Date.: 01/28/2004

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

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

Test Method.....: 8015B MDRO Equipment Code....: INST10 Analyst...: mgk
Method Description.: TPH - Diesel Range Organics (DRO) Batch.....: 105934

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

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

QUALITY CONTROL RESULTS

Job Number.: 223218 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.....: 8330 Equipment Code....: INST43 Analyst...: san
Method Description.: Explosives by 8330 (HPLC) Batch.....: 105995

LCS	Laboratory Control Sample	003LWLEXPB	105476-002		12/29/2003	2131

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
HMX, Solid	ug/Kg	1077.500		1000.000	113.000 U	108	%	84-120	
RDX, Solid	ug/Kg	1065.400		1000.000	58.600 U	107	%	81-115	
1,3,5-Trinitrobenzene, Solid	ug/Kg	1016.300		1000.000	17.500 U	102	%	77-114	
1,3-Dinitrobenzene, Solid	ug/Kg	1046.400		1000.000	17.800 U	105	%	85-112	
Nitrobenzene, Solid	ug/Kg	1048.650		1000.000	22.200 U	105	%	86-112	
2,4,6-TNT, Solid	ug/Kg	1000.800		1000.000	33.800 U	100	%	77-118	
Tetryl, Solid	ug/Kg	1815.750		2000.000	43.400 U	91	%	35-132	
2,4-Dinitrotoluene, Solid	ug/Kg	1081.800		1000.000	35.600 U	108	%	81-121	
2,6-Dinitrotoluene, Solid	ug/Kg	2093.950		2000.000	47.500 U	105	%	84-114	
2-Amino-4,6-Dinitrotoluene, Solid	ug/Kg	1949.300		2000.000	36.000 U	97	%	83-113	
4-Amino-2,6-Dinitrotoluene, Solid	ug/Kg	1981.100		2000.000	97.200 U	99	%	80-131	
2-Nitrotoluene, Solid	ug/Kg	2013.200		2000.000	33.200 U	101	%	84-114	
4-Nitrotoluene, Solid	ug/Kg	1949.750		2000.000	46.600 U	97	%	82-112	
3-Nitrotoluene, Solid	ug/Kg	1962.950		2000.000	50.000 U	98	%	84-117	

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

QUALITY CONTROL RESULTS

Job Number.: 223218 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		105476-001		12/29/2003	2059

Test Method.....: 8330 Equipment Code....: INST43 Analyst...: san
Method Description.: Explosives by 8330 (HPLC) Batch.....: 105995

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

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

QUALITY CONTROL RESULTS

Job Number.: 223218 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.....: 8330 Equipment Code....: INST43 Analyst...: san
Method Description.: Explosives by 8330 (HPLC) Batch.....: 105995

MS	Matrix Spike	003LWLEXPB	223218-12		12/30/2003	0257

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
HMX, Solid	ug/Kg	1023.600		1000.000	113.000 U	102	%	84-120	
RDX, Solid	ug/Kg	964.550		1000.000	58.600 U	96	%	81-115	
1,3,5-Trinitrobenzene, Solid	ug/Kg	859.900		1000.000	17.500 U	86	%	77-114	
1,3-Dinitrobenzene, Solid	ug/Kg	1050.650		1000.000	17.800 U	105	%	85-112	
Nitrobenzene, Solid	ug/Kg	1023.900		1000.000	22.200 U	102	%	86-112	
2,4,6-TNT, Solid	ug/Kg	981.550		1000.000	33.800 U	98	%	77-118	
Tetryl, Solid	ug/Kg	600.300		2000.000	43.400 U	30	%	35-132	*
2,4-Dinitrotoluene, Solid	ug/Kg	1080.650		1000.000	35.600 U	108	%	81-121	
2,6-Dinitrotoluene, Solid	ug/Kg	2102.600		2000.000	47.500 U	105	%	84-114	
2-Amino-4,6-Dinitrotoluene, Solid	ug/Kg	1986.150		2000.000	36.000 U	99	%	83-113	
4-Amino-2,6-Dinitrotoluene, Solid	ug/Kg	2373.850		2000.000	97.200 U	119	%	80-131	
2-Nitrotoluene, Solid	ug/Kg	1911.600		2000.000	33.200 U	96	%	84-114	
4-Nitrotoluene, Solid	ug/Kg	1863.000		2000.000	46.600 U	93	%	82-112	
3-Nitrotoluene, Solid	ug/Kg	1902.100		2000.000	50.000 U	95	%	84-117	

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

QUALITY CONTROL RESULTS

Job Number.: 223218 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	003LWLEXPB	223218-12		12/30/2003	0329

Test Method.....: 8330 Equipment Code....: INST43 Analyst...: san
Method Description.: Explosives by 8330 (HPLC) Batch.....: 105995

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
HMX, Solid	ug/Kg	1052.745	1023.600	980.400	110.785	U	107 5	% R	84-120 30	
RDX, Solid	ug/Kg	992.402	964.550	980.400	57.451	U	101 5	% R	81-115 30	
1,3,5-Trinitrobenzene, Solid	ug/Kg	825.392	859.900	980.400	17.157	U	84 2	% R	77-114 30	
1,3-Dinitrobenzene, Solid	ug/Kg	1055.000	1050.650	980.400	17.451	U	108 3	% R	85-112 30	
Nitrobenzene, Solid	ug/Kg	1026.373	1023.900	980.400	21.765	U	105 3	% R	86-112 30	
2,4,6-TNT, Solid	ug/Kg	993.971	981.550	980.400	33.138	U	101 3	% R	77-118 30	
Tetryl, Solid	ug/Kg	578.676	600.300	1961.000	42.549	U	30 0	% R	35-132 30	*
2,4-Dinitrotoluene, Solid	ug/Kg	1065.343	1080.650	980.400	34.902	U	109 1	% R	81-121 30	
2,6-Dinitrotoluene, Solid	ug/Kg	2076.177	2102.600	1961.000	46.569	U	106 1	% R	84-114 30	
2-Amino-4,6-Dinitrotoluene, Solid	ug/Kg	1992.892	1986.150	1961.000	35.294	U	102 3	% R	83-113 30	
4-Amino-2,6-Dinitrotoluene, Solid	ug/Kg	2342.794	2373.850	1961.000	95.295	U	119 0	% R	80-131 30	
2-Nitrotoluene, Solid	ug/Kg	1948.480	1911.600	1961.000	32.549	U	99 3	% R	84-114 30	
4-Nitrotoluene, Solid	ug/Kg	1883.088	1863.000	1961.000	45.687	U	96 3	% R	82-112 30	
3-Nitrotoluene, Solid	ug/Kg	1929.265	1902.100	1961.000	49.020	U	98 3	% R	84-117 30	

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

QUALITY CONTROL RESULTS

Job Number.: 223218 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
EB1	Extraction Blank 1	223218	105443-008		12/26/2003	1748

Test Method.....: 8260B Equipment Code....: GCL6 Analyst...: lm
Method Description.: Volatile Organics Batch.....: 106164

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Dichlorodifluoromethane, Solid	ug/Kg	0.730	U							
Chloromethane, Solid	ug/Kg	1.100	U							
Vinyl chloride, Solid	ug/Kg	1.100	U							
Bromomethane, Solid	ug/Kg	1.300	U							
Chloroethane, Solid	ug/Kg	1.000	U							
Trichlorofluoromethane, Solid	ug/Kg	1.400	U							
1,1-Dichloroethene, Solid	ug/Kg	1.300	U							
Carbon disulfide, Solid	ug/Kg	1.200	U							
Acetone, Solid	ug/Kg	4.600	U							
Methylene chloride, Solid	ug/Kg	2.900	U							
trans-1,2-Dichloroethene, Solid	ug/Kg	1.100	U							
Methyl-tert-butyl-ether (MTBE), Solid	ug/Kg	1.000	U							
1,1-Dichloroethane, Solid	ug/Kg	1.000	U							
2,2-Dichloropropane, Solid	ug/Kg	0.920	U							
cis-1,2-Dichloroethene, Solid	ug/Kg	1.100	U							
2-Butanone (MEK), Solid	ug/Kg	3.900	U							
Bromochloromethane, Solid	ug/Kg	1.100	U							
Chloroform, Solid	ug/Kg	1.100	U							
1,1,1-Trichloroethane, Solid	ug/Kg	1.100	U							
1,1-Dichloropropene, Solid	ug/Kg	1.200	U							
Carbon tetrachloride, Solid	ug/Kg	1.100	U							
Benzene, Solid	ug/Kg	1.100	U							
1,2-Dichloroethane, Solid	ug/Kg	0.940	U							
Trichloroethene, Solid	ug/Kg	1.100	U							
1,2-Dichloropropane, Solid	ug/Kg	1.000	U							
Dibromomethane, Solid	ug/Kg	1.100	U							
Bromodichloromethane, Solid	ug/Kg	0.960	U							
cis-1,3-Dichloropropene, Solid	ug/Kg	0.930	U							
4-Methyl-2-pentanone (MIBK), Solid	ug/Kg	1.000	U							
Toluene, Solid	ug/Kg	1.100	U							
trans-1,3-Dichloropropene, Solid	ug/Kg	0.790	U							
1,1,2-Trichloroethane, Solid	ug/Kg	1.100	U							
Tetrachloroethene, Solid	ug/Kg	1.200	U							
1,3-Dichloropropane, Solid	ug/Kg	0.940	U							
2-Hexanone, Solid	ug/Kg	1.100	U							
Dibromochloromethane, Solid	ug/Kg	0.790	U							
1,2-Dibromoethane (EDB), Solid	ug/Kg	0.820	U							
Chlorobenzene, Solid	ug/Kg	1.100	U							
1,1,1,2-Tetrachloroethane, Solid	ug/Kg	1.100	U							
Ethylbenzene, Solid	ug/Kg	1.100	U							
m&p-Xylenes, Solid	ug/Kg	2.300	U							
o-Xylene, Solid	ug/Kg	1.100	U							
Styrene, Solid	ug/Kg	1.100	U							
Bromoform, Solid	ug/Kg	0.750	U							
Isopropylbenzene, Solid	ug/Kg	1.100	U							
Bromobenzene, Solid	ug/Kg	1.000	U							
1,1,2,2-Tetrachloroethane, Solid	ug/Kg	0.960	U							
1,2,3-Trichloropropane, Solid	ug/Kg	1.100	U							
n-Propylbenzene, Solid	ug/Kg	1.300	U							
2-Chlorotoluene, Solid	ug/Kg	1.300	U							

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

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

Job Number.: 223218 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
EB1	Extraction Blank 1	223218	105443-008		12/26/2003	1748

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
1,3,5-Trimethylbenzene, Solid	ug/Kg	1.300	U							
4-Chlorotoluene, Solid	ug/Kg	1.300	U							
tert-Butylbenzene, Solid	ug/Kg	1.200	U							
1,2,4-Trimethylbenzene, Solid	ug/Kg	1.400	U							
sec-Butylbenzene, Solid	ug/Kg	1.200	U							
p-Isopropyltoluene, Solid	ug/Kg	1.300	U							
n-Butylbenzene, Solid	ug/Kg	1.300	U							
1,2-Dibromo-3-chloropropane, Solid	ug/Kg	1.200	U							
1,2,3-Trichlorobenzene, Solid	ug/Kg	1.500	U							

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

QUALITY CONTROL RESULTS

Job Number.: 223218 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
EB3	DI Blank	223218	105443-009		12/26/2003	1815

Test Method.....: 8260B Equipment Code....: GCL6 Analyst...: lm
Method Description.: Volatile Organics Batch.....: 106164

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Dichlorodifluoromethane, Solid	ug/Kg	0.730	U							
Chloromethane, Solid	ug/Kg	1.100	U							
Vinyl chloride, Solid	ug/Kg	1.100	U							
Bromomethane, Solid	ug/Kg	1.300	U							
Chloroethane, Solid	ug/Kg	1.000	U							
Trichlorofluoromethane, Solid	ug/Kg	1.400	U							
1,1-Dichloroethene, Solid	ug/Kg	1.300	U							
Carbon disulfide, Solid	ug/Kg	1.200	U							
Acetone, Solid	ug/Kg	4.600	U							
Methylene chloride, Solid	ug/Kg	2.900	U							
trans-1,2-Dichloroethene, Solid	ug/Kg	1.100	U							
Methyl-tert-butyl-ether (MTBE), Solid	ug/Kg	1.000	U							
1,1-Dichloroethane, Solid	ug/Kg	1.000	U							
2,2-Dichloropropane, Solid	ug/Kg	0.920	U							
cis-1,2-Dichloroethene, Solid	ug/Kg	1.100	U							
2-Butanone (MEK), Solid	ug/Kg	3.900	U							
Bromochloromethane, Solid	ug/Kg	1.100	U							
Chloroform, Solid	ug/Kg	1.100	U							
1,1,1-Trichloroethane, Solid	ug/Kg	1.100	U							
1,1-Dichloropropene, Solid	ug/Kg	1.200	U							
Carbon tetrachloride, Solid	ug/Kg	1.100	U							
Benzene, Solid	ug/Kg	1.100	U							
1,2-Dichloroethane, Solid	ug/Kg	0.940	U							
Trichloroethene, Solid	ug/Kg	1.100	U							
1,2-Dichloropropane, Solid	ug/Kg	1.000	U							
Dibromomethane, Solid	ug/Kg	1.100	U							
Bromodichloromethane, Solid	ug/Kg	0.960	U							
cis-1,3-Dichloropropene, Solid	ug/Kg	0.930	U							
4-Methyl-2-pentanone (MIBK), Solid	ug/Kg	1.000	U							
Toluene, Solid	ug/Kg	1.100	U							
trans-1,3-Dichloropropene, Solid	ug/Kg	0.790	U							
1,1,2-Trichloroethane, Solid	ug/Kg	1.100	U							
Tetrachloroethene, Solid	ug/Kg	1.200	U							
1,3-Dichloropropane, Solid	ug/Kg	0.940	U							
2-Hexanone, Solid	ug/Kg	1.100	U							
Dibromochloromethane, Solid	ug/Kg	0.790	U							
1,2-Dibromoethane (EDB), Solid	ug/Kg	0.820	U							
Chlorobenzene, Solid	ug/Kg	1.100	U							
1,1,1,2-Tetrachloroethane, Solid	ug/Kg	1.100	U							
Ethylbenzene, Solid	ug/Kg	1.100	U							
m&p-Xylenes, Solid	ug/Kg	2.300	U							
o-Xylene, Solid	ug/Kg	1.100	U							
Styrene, Solid	ug/Kg	1.100	U							
Bromoform, Solid	ug/Kg	0.750	U							
Isopropylbenzene, Solid	ug/Kg	1.100	U							
Bromobenzene, Solid	ug/Kg	1.000	U							
1,1,2,2-Tetrachloroethane, Solid	ug/Kg	0.960	U							
1,2,3-Trichloropropane, Solid	ug/Kg	1.100	U							
n-Propylbenzene, Solid	ug/Kg	1.300	U							
2-Chlorotoluene, Solid	ug/Kg	1.300	U							

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

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

Job Number.: 223218 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
EB3	DI Blank	223218	105443-009		12/26/2003	1815

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
1,3,5-Trimethylbenzene, Solid	ug/Kg	1.300	U							
4-Chlorotoluene, Solid	ug/Kg	1.300	U							
tert-Butylbenzene, Solid	ug/Kg	1.200	U							
1,2,4-Trimethylbenzene, Solid	ug/Kg	1.400	U							
sec-Butylbenzene, Solid	ug/Kg	1.200	U							
p-Isopropyltoluene, Solid	ug/Kg	1.300	U							
n-Butylbenzene, Solid	ug/Kg	1.300	U							
1,2-Dibromo-3-chloropropane, Solid	ug/Kg	1.200	U							
1,2,3-Trichlorobenzene, Solid	ug/Kg	1.500	U							

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

QUALITY CONTROL RESULTS

Job Number.: 223218 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	V03L26DSD	105634-015		12/26/2003	1358

Test Method.....: 8260B Equipment Code....: GCL6 Analyst...: lm
Method Description.: Volatile Organics Batch.....: 106164

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Dichlorodifluoromethane, Solid	ug/Kg	48.515		50.000	0.730 U	97	%	43-121	
Chloromethane, Solid	ug/Kg	40.252		50.000	1.100 U	81	%	45-141	
Vinyl chloride, Solid	ug/Kg	45.727		50.000	1.100 U	91	%	58-140	
Bromomethane, Solid	ug/Kg	43.241		50.000	1.300 U	86	%	48-127	
Chloroethane, Solid	ug/Kg	47.217		50.000	1.000 U	94	%	59-163	
Trichlorofluoromethane, Solid	ug/Kg	51.490		50.000	1.400 U	103	%	57-135	
1,1-Dichloroethene, Solid	ug/Kg	51.175		50.000	1.300 U	102	%	51-132	
Carbon disulfide, Solid	ug/Kg	47.309		50.000	1.200 U	95	%	23-138	
Acetone, Solid	ug/Kg	36.445		50.000	4.600 U	73	%	46-167	
Methylene chloride, Solid	ug/Kg	50.808		50.000	2.900 U	102	%	58-143	
trans-1,2-Dichloroethene, Solid	ug/Kg	52.680		50.000	1.100 U	105	%	58-139	
Methyl-tert-butyl-ether (MTBE), Solid	ug/Kg	57.432		50.000	1.000 U	115	%	61-132	
1,1-Dichloroethane, Solid	ug/Kg	51.653		50.000	1.000 U	103	%	63-133	
2,2-Dichloropropane, Solid	ug/Kg	53.717		50.000	0.920 U	107	%	67-134	
cis-1,2-Dichloroethene, Solid	ug/Kg	52.864		50.000	1.100 U	106	%	68-148	
2-Butanone (MEK), Solid	ug/Kg	36.353		50.000	3.900 U	73	%	50-150	
Bromochloromethane, Solid	ug/Kg	48.363		50.000	1.100 U	97	%	68-129	
Chloroform, Solid	ug/Kg	54.076		50.000	1.100 U	108	%	73-135	
1,1,1-Trichloroethane, Solid	ug/Kg	55.337		50.000	1.100 U	111	%	63-133	
1,1-Dichloropropene, Solid	ug/Kg	52.921		50.000	1.200 U	106	%	78-148	
Carbon tetrachloride, Solid	ug/Kg	62.730		50.000	1.100 U	125	%	67-127	
Benzene, Solid	ug/Kg	54.889		50.000	1.100 U	110	%	72-128	
1,2-Dichloroethane, Solid	ug/Kg	54.772		50.000	0.940 U	110	%	69-125	
Trichloroethene, Solid	ug/Kg	58.615		50.000	1.100 U	117	%	75-129	
1,2-Dichloropropane, Solid	ug/Kg	51.547		50.000	1.000 U	103	%	76-132	
Dibromomethane, Solid	ug/Kg	47.811		50.000	1.100 U	96	%	70-130	
Bromodichloromethane, Solid	ug/Kg	60.150		50.000	0.960 U	120	%	74-128	
cis-1,3-Dichloropropene, Solid	ug/Kg	52.767		52.000	0.930 U	101	%	80-124	
4-Methyl-2-pentanone (MIBK), Solid	ug/Kg	37.657		50.000	1.000 U	75	%	68-134	
Toluene, Solid	ug/Kg	53.048		50.000	1.100 U	106	%	75-125	
trans-1,3-Dichloropropene, Solid	ug/Kg	48.634		48.000	0.790 U	101	%	75-134	
1,1,2-Trichloroethane, Solid	ug/Kg	42.708		50.000	1.100 U	85	%	71-143	
Tetrachloroethene, Solid	ug/Kg	64.066		50.000	1.200 U	128	%	75-129	
1,3-Dichloropropane, Solid	ug/Kg	50.273		50.000	0.940 U	101	%	78-127	
2-Hexanone, Solid	ug/Kg	38.221		50.000	1.100 U	76	%	69-140	
Dibromochloromethane, Solid	ug/Kg	56.448		50.000	0.790 U	113	%	77-127	
1,2-Dibromoethane (EDB), Solid	ug/Kg	45.921		50.000	0.820 U	92	%	72-133	
Chlorobenzene, Solid	ug/Kg	54.040		50.000	1.100 U	108	%	83-125	
1,1,1,2-Tetrachloroethane, Solid	ug/Kg	58.532		50.000	1.100 U	117	%	83-123	
Ethylbenzene, Solid	ug/Kg	55.300		50.000	1.100 U	111	%	79-123	
m&p-Xylenes, Solid	ug/Kg	112.198		100.000	2.300 U	112	%	79-123	
o-Xylene, Solid	ug/Kg	54.458		50.000	1.100 U	109	%	80-123	
Styrene, Solid	ug/Kg	53.938		50.000	1.100 U	108	%	85-126	
Bromoform, Solid	ug/Kg	56.403		50.000	0.750 U	113	%	78-132	
Isopropylbenzene, Solid	ug/Kg	52.703		50.000	1.100 U	105	%	77-118	
Bromobenzene, Solid	ug/Kg	55.711		50.000	1.000 U	111	%	81-123	
1,1,2,2-Tetrachloroethane, Solid	ug/Kg	43.050		50.000	0.960 U	86	%	68-139	
1,2,3-Trichloropropane, Solid	ug/Kg	44.088		50.000	1.100 U	88	%	71-129	
n-Propylbenzene, Solid	ug/Kg	53.817		50.000	1.300 U	108	%	77-124	
2-Chlorotoluene, Solid	ug/Kg	53.795		50.000	1.300 U	108	%	63-137	

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

QUALITY CONTROL RESULTS

Job Number.: 223218 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	V03L26DSD	105634-015		12/26/2003	1358

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
1,3,5-Trimethylbenzene, Solid	ug/Kg	58.246		50.000	1.300 U	116	%	72-128	
4-Chlorotoluene, Solid	ug/Kg	53.465		50.000	1.300 U	107	%	76-123	
tert-Butylbenzene, Solid	ug/Kg	56.444		50.000	1.200 U	113	%	79-124	
1,2,4-Trimethylbenzene, Solid	ug/Kg	59.905		50.000	1.400 U	120	%	74-133	
sec-Butylbenzene, Solid	ug/Kg	56.403		50.000	1.200 U	113	%	77-128	
p-Isopropyltoluene, Solid	ug/Kg	56.554		50.000	1.300 U	113	%	74-126	
n-Butylbenzene, Solid	ug/Kg	54.622		50.000	1.300 U	109	%	65-138	
1,2-Dibromo-3-chloropropane, Solid	ug/Kg	39.292		50.000	1.200 U	79	%	59-124	
1,2,3-Trichlorobenzene, Solid	ug/Kg	57.225		50.000	1.500 U	114	%	75-125	

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

QUALITY CONTROL RESULTS

Job Number.: 223218 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		105634-014		12/26/2003	1310

Test Method.....: 8260B Equipment Code....: GCL6 Analyst...: lm
Method Description.: Volatile Organics Batch.....: 106164

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Dichlorodifluoromethane, Solid	ug/Kg	0.730	U							
Chloromethane, Solid	ug/Kg	1.100	U							
Vinyl chloride, Solid	ug/Kg	1.100	U							
Bromomethane, Solid	ug/Kg	1.300	U							
Chloroethane, Solid	ug/Kg	1.000	U							
Trichlorofluoromethane, Solid	ug/Kg	1.400	U							
1,1-Dichloroethene, Solid	ug/Kg	1.300	U							
Carbon disulfide, Solid	ug/Kg	1.200	U							
Acetone, Solid	ug/Kg	4.600	U							
Methylene chloride, Solid	ug/Kg	2.900	U							
trans-1,2-Dichloroethene, Solid	ug/Kg	1.100	U							
Methyl-tert-butyl-ether (MTBE), Solid	ug/Kg	1.000	U							
1,1-Dichloroethane, Solid	ug/Kg	1.000	U							
2,2-Dichloropropane, Solid	ug/Kg	0.920	U							
cis-1,2-Dichloroethene, Solid	ug/Kg	1.100	U							
2-Butanone (MEK), Solid	ug/Kg	3.900	U							
Bromochloromethane, Solid	ug/Kg	1.100	U							
Chloroform, Solid	ug/Kg	1.100	U							
1,1,1-Trichloroethane, Solid	ug/Kg	1.100	U							
1,1-Dichloropropene, Solid	ug/Kg	1.200	U							
Carbon tetrachloride, Solid	ug/Kg	1.100	U							
Benzene, Solid	ug/Kg	1.100	U							
1,2-Dichloroethane, Solid	ug/Kg	0.940	U							
Trichloroethene, Solid	ug/Kg	1.100	U							
1,2-Dichloropropane, Solid	ug/Kg	1.000	U							
Dibromomethane, Solid	ug/Kg	1.100	U							
Bromodichloromethane, Solid	ug/Kg	0.960	U							
cis-1,3-Dichloropropene, Solid	ug/Kg	0.930	U							
4-Methyl-2-pentanone (MIBK), Solid	ug/Kg	1.000	U							
Toluene, Solid	ug/Kg	1.100	U							
trans-1,3-Dichloropropene, Solid	ug/Kg	0.790	U							
1,1,2-Trichloroethane, Solid	ug/Kg	1.100	U							
Tetrachloroethene, Solid	ug/Kg	1.200	U							
1,3-Dichloropropane, Solid	ug/Kg	0.940	U							
2-Hexanone, Solid	ug/Kg	1.100	U							
Dibromochloromethane, Solid	ug/Kg	0.790	U							
1,2-Dibromoethane (EDB), Solid	ug/Kg	0.820	U							
Chlorobenzene, Solid	ug/Kg	1.100	U							
1,1,1,2-Tetrachloroethane, Solid	ug/Kg	1.100	U							
Ethylbenzene, Solid	ug/Kg	1.100	U							
m&p-Xylenes, Solid	ug/Kg	2.300	U							
o-Xylene, Solid	ug/Kg	1.100	U							
Styrene, Solid	ug/Kg	1.100	U							
Bromoform, Solid	ug/Kg	0.750	U							
Isopropylbenzene, Solid	ug/Kg	1.100	U							
Bromobenzene, Solid	ug/Kg	1.000	U							
1,1,2,2-Tetrachloroethane, Solid	ug/Kg	0.960	U							
1,2,3-Trichloropropane, Solid	ug/Kg	1.100	U							
n-Propylbenzene, Solid	ug/Kg	1.300	U							
2-Chlorotoluene, Solid	ug/Kg	1.300	U							

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

QUALITY CONTROL RESULTS

Job Number.: 223218 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		105634-014		12/26/2003	1310

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
1,3,5-Trimethylbenzene, Solid	ug/Kg	1.300	U							
4-Chlorotoluene, Solid	ug/Kg	1.300	U							
tert-Butylbenzene, Solid	ug/Kg	1.200	U							
1,2,4-Trimethylbenzene, Solid	ug/Kg	1.400	U							
sec-Butylbenzene, Solid	ug/Kg	1.200	U							
p-Isopropyltoluene, Solid	ug/Kg	1.300	U							
n-Butylbenzene, Solid	ug/Kg	1.300	U							
1,2-Dibromo-3-chloropropane, Solid	ug/Kg	1.200	U							
1,2,3-Trichlorobenzene, Solid	ug/Kg	1.500	U							

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

QUALITY CONTROL RESULTS

Job Number.: 223218 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

Test Method.....: 6010B
Method Description.: Metals Analysis (ICAP Trace)
Equipment Code....: ICP4
Batch.....: 106021
Analyst...: tds

LCS	Laboratory Control Sample	M03LSPK002	105701-002		12/31/2003 0109

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	186.18		200.00	2.40 U	93	%	80-120	
Antimony, Solid	mg/Kg	44.27		50.00	0.90 U	89	%	80-120	
Arsenic, Solid	mg/Kg	8.99		10.00	0.51 U	90	%	80-120	
Barium, Solid	mg/Kg	186.38		200.00	0.16 U	93	%	80-120	
Beryllium, Solid	mg/Kg	4.57		5.00	0.04 U	91	%	80-120	
Cadmium, Solid	mg/Kg	4.53		5.00	0.08 U	91	%	80-120	
Calcium, Solid	mg/Kg	936.62		1000.00	7.12 B	94	%	80-120	
Chromium, Solid	mg/Kg	18.72		20.00	0.22 U	94	%	80-120	
Cobalt, Solid	mg/Kg	45.90		50.00	0.14 U	92	%	80-120	
Copper, Solid	mg/Kg	23.70		25.00	0.90 U	95	%	80-120	
Iron, Solid	mg/Kg	95.14		100.00	3.52 B	95	%	80-120	
Lead, Solid	mg/Kg	9.54		10.00	0.43 U	95	%	80-120	
Magnesium, Solid	mg/Kg	921.02		1000.00	1.70 U	92	%	80-120	
Manganese, Solid	mg/Kg	47.75		50.00	0.13 U	96	%	80-120	
Nickel, Solid	mg/Kg	45.97		50.00	0.25 U	92	%	80-120	
Selenium, Solid	mg/Kg	8.11		10.00	0.40 U	81	%	80-120	
Silver, Solid	mg/Kg	4.53		5.00	0.31 U	91	%	80-120	
Sodium, Solid	mg/Kg	886.97		1000.00	86.70 U	89	%	80-120	
Thallium, Solid	mg/Kg	10.19		10.00	0.66 U	102	%	80-120	
Zinc, Solid	mg/Kg	45.43		50.00	0.41 B	91	%	80-120	

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

QUALITY CONTROL RESULTS

Job Number.: 223218 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	105701	105701-001		12/31/2003	0103

Test Method.....: 6010B Equipment Code....: ICP4 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 106021

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	7.12	B							
Chromium, Solid	mg/Kg	0.22	U							
Cobalt, Solid	mg/Kg	0.14	U							
Copper, Solid	mg/Kg	0.90	U							
Iron, Solid	mg/Kg	3.52	B							
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							
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	0.41	B							

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

QUALITY CONTROL RESULTS

Job Number.: 223218 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MD	Method Duplicate		223218-1		12/31/2003	0127

Test Method.....: 6010B Equipment Code....: ICP4 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 106021

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	14057.98				14089.35		0.2	R	20.0	
Antimony, Solid	mg/Kg	1.06	U			1.06	U	0.32	A	2.36	
Arsenic, Solid	mg/Kg	7.15				5.49		1.67	A	1.18	
Barium, Solid	mg/Kg	122.30				104.77		15.4	R	20.0	
Beryllium, Solid	mg/Kg	1.01				0.86		0.15	A	0.47	
Cadmium, Solid	mg/Kg	0.09	U			0.09	U	0	A	0.24	
Calcium, Solid	mg/Kg	1846.98				1835.17		0.6	R	20.0	
Chromium, Solid	mg/Kg	18.89				20.81		9.7	R	20.0	
Cobalt, Solid	mg/Kg	12.65				5.13		84.6	R	20.0	*
Copper, Solid	mg/Kg	14.77				11.93		21.3	R	20.0	*
Iron, Solid	mg/Kg	20024.68				17313.38		14.5	R	20.0	
Lead, Solid	mg/Kg	11.15				7.33		41.4	R	20.0	*
Magnesium, Solid	mg/Kg	2682.62				2486.50		7.6	R	20.0	
Manganese, Solid	mg/Kg	617.67				255.86		82.8	R	20.0	*
Nickel, Solid	mg/Kg	16.38				13.85		16.8	R	20.0	
Selenium, Solid	mg/Kg	0.62	B			0.47	U	0.60	A	1.18	
Silver, Solid	mg/Kg	0.37	U			0.37	U	0	A	0.59	
Sodium, Solid	mg/Kg	209.15				221.95		12.80	A	117.92	
Thallium, Solid	mg/Kg	0.78	U			0.78	U	21.50	A	1.18	
Zinc, Solid	mg/Kg	38.08				34.39		10.2	R	20.0	

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

QUALITY CONTROL RESULTS

Job Number.: 223218

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.....: 106021

Analyst...: tds

MS	Matrix Spike	M03LSPK002	223218-1		12/31/2003 0134

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	21826.27		241.80	14089.35		3200	%	75-125	4
Antimony, Solid	mg/Kg	19.69		60.44	1.09	U	33	%	75-125	N
Arsenic, Solid	mg/Kg	18.84		12.09	5.49		110	%	75-125	
Barium, Solid	mg/Kg	361.83		241.80	104.77		106	%	75-125	
Beryllium, Solid	mg/Kg	6.46		6.04	0.86		93	%	75-125	
Cadmium, Solid	mg/Kg	4.53		6.04	0.10	U	75	%	75-125	
Calcium, Solid	mg/Kg	2944.89		1209.00	1835.17		92	%	75-125	
Chromium, Solid	mg/Kg	45.62		24.18	20.81		103	%	75-125	
Cobalt, Solid	mg/Kg	60.67		60.44	5.13		92	%	75-125	
Copper, Solid	mg/Kg	44.14		30.22	11.93		107	%	75-125	
Iron, Solid	mg/Kg	23149.64		120.90	17313.38		4828	%	75-125	4
Lead, Solid	mg/Kg	21.53		12.09	7.33		117	%	75-125	
Magnesium, Solid	mg/Kg	4535.76		1209.00	2486.50		170	%	75-125	N
Manganese, Solid	mg/Kg	613.26		60.44	255.86		591	%	75-125	4
Nickel, Solid	mg/Kg	69.51		60.44	13.85		92	%	75-125	
Selenium, Solid	mg/Kg	9.01		12.09	0.48	U	75	%	75-125	
Silver, Solid	mg/Kg	5.07		6.04	0.37	U	84	%	75-125	
Sodium, Solid	mg/Kg	1321.83		1209.00	221.95		91	%	75-125	
Thallium, Solid	mg/Kg	10.81		12.09	0.80	U	89	%	75-125	
Zinc, Solid	mg/Kg	97.18		60.44	34.39		104	%	75-125	

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

QUALITY CONTROL RESULTS

Job Number.: 223218 — Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	M03LSPK002	223218-1		12/31/2003	0140

Test Method.....: 6010B — Equipment Code....: ICP4 — Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) — Batch.....: 106021

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	18840.50	21826.27	235.60	14089.35		2016	%	75-125	4
							45.4	R	20	*
Antimony, Solid	mg/Kg	22.91	19.69	58.91	1.06	U	39	%	75-125	N
							16.7	R	20	
Arsenic, Solid	mg/Kg	16.03	18.84	11.78	5.49		89	%	75-125	
							21.1	R	20	*
Barium, Solid	mg/Kg	322.91	361.83	235.60	104.77		93	%	75-125	
							13.1	R	20	
Beryllium, Solid	mg/Kg	6.12	6.46	5.89	0.86		89	%	75-125	
							4.4	R	20	
Cadmium, Solid	mg/Kg	4.41	4.53	5.89	0.09	U	75	%	75-125	
							0.0	R	20	
Calcium, Solid	mg/Kg	2898.27	2944.89	1178.00	1835.17		90	%	75-125	
							2.2	R	20	
Chromium, Solid	mg/Kg	46.71	45.62	23.56	20.81		110	%	75-125	
							6.6	R	20	
Cobalt, Solid	mg/Kg	54.83	60.67	58.91	5.13		84	%	75-125	
							9.1	R	20	
Copper, Solid	mg/Kg	39.00	44.14	29.45	11.93		92	%	75-125	
							15.1	R	20	
Iron, Solid	mg/Kg	19985.89	23149.64	117.80	17313.38		2268	%	75-125	4
							72.2	R	20	*
Lead, Solid	mg/Kg	19.15	21.53	11.78	7.33		100	%	75-125	
							15.7	R	20	
Magnesium, Solid	mg/Kg	3858.29	4535.76	1178.00	2486.50		116	%	75-125	
							37.8	R	20	*
Manganese, Solid	mg/Kg	397.53	613.26	58.91	255.86		240	%	75-125	4
							84.5	R	20	*
Nickel, Solid	mg/Kg	64.78	69.51	58.91	13.85		86	%	75-125	
							6.7	R	20	
Selenium, Solid	mg/Kg	9.34	9.01	11.78	0.47	U	79	%	75-125	
							5.2	R	20	
Silver, Solid	mg/Kg	4.86	5.07	5.89	0.37	U	83	%	75-125	
							1.2	R	20	
Sodium, Solid	mg/Kg	1254.17	1321.83	1178.00	221.95		88	%	75-125	
							3.4	R	20	
Thallium, Solid	mg/Kg	10.77	10.81	11.78	0.78	U	91	%	75-125	
							2.2	R	20	
Zinc, Solid	mg/Kg	85.68	97.18	58.91	34.39		87	%	75-125	
							17.8	R	20	

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

QUALITY CONTROL RESULTS

Job Number.: 223218

Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
SD	Serial Dilution		223218-1		12/31/2003	0121

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

Equipment Code....: ICP4
Batch.....: 106021

Analyst...: tds

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	2971.47				14089.35		5.5	D	10.0	
Antimony, Solid	mg/Kg	1.08	U			1.08	U				
Arsenic, Solid	mg/Kg	1.03	B			5.49					
Barium, Solid	mg/Kg	22.36				104.77		6.7	D	10.0	
Beryllium, Solid	mg/Kg	0.19	B			0.86					
Cadmium, Solid	mg/Kg	0.10	U			0.10	U				
Calcium, Solid	mg/Kg	396.11				1835.17		7.9	D	10.0	
Chromium, Solid	mg/Kg	4.50				20.81		8.1	D	10.0	
Cobalt, Solid	mg/Kg	1.13				5.13					
Copper, Solid	mg/Kg	2.49				11.93					
Iron, Solid	mg/Kg	3767.19				17313.38		8.8	D	10.0	
Lead, Solid	mg/Kg	1.42				7.33					
Magnesium, Solid	mg/Kg	539.33				2486.50		8.5	D	10.0	
Manganese, Solid	mg/Kg	55.52				255.86		8.5	D	10.0	
Nickel, Solid	mg/Kg	3.04				13.85					
Selenium, Solid	mg/Kg	0.48	U			0.48	U				
Silver, Solid	mg/Kg	0.37	U			0.37	U				
Sodium, Solid	mg/Kg	104.01	U			221.95					
Thallium, Solid	mg/Kg	0.79	U			0.79	U				
Zinc, Solid	mg/Kg	7.78				34.39		13.2	D	10.0	E

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

QUALITY CONTROL RESULTS

Job Number.: 223218

Report Date.: 01/28/2004

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

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

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

Equipment Code....: ICP3
Batch.....: 106131

Analyst...: lmr

LCS	Laboratory Control Sample	M03LSPK002	105701-002		01/01/2004	0026

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Potassium, Solid	mg/Kg	816.41		1000.00	13.80 U	82	%	80-120	
Vanadium, Solid	mg/Kg	45.02		50.00	0.21 U	90	%	80-120	

LCS	Laboratory Control Sample	M03LSPK002	105703-002		01/01/2004	0519

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Cadmium, Solid	mg/Kg	4.52		5.00	0.08 U	90	%	80-120	
Potassium, Solid	mg/Kg	791.60		1000.00	13.80 U	79	%	80-120	*
Vanadium, Solid	mg/Kg	45.62		50.00	0.21 U	91	%	80-120	

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

QUALITY CONTROL RESULTS

Job Number.: 223218

Report Date.: 01/28/2004

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

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

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

Equipment Code....: ICP3
Batch.....: 106131

Analyst...: lmr

MB	Method Blank	105701	105701-001		01/01/2004	0019

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Potassium, Solid	mg/Kg	13.80	U							
Vanadium, Solid	mg/Kg	0.21	U							

MB	Method Blank	105703	105703-001		01/01/2004	0512

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Cadmium, Solid	mg/Kg	0.08	U							
Potassium, Solid	mg/Kg	13.80	U							
Vanadium, Solid	mg/Kg	0.21	U							

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

QUALITY CONTROL RESULTS

Job Number.: 223218

Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MD	Method Duplicate		223218-1		01/01/2004	0046

Test Method.....: 6D10B
Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP3
Batch.....: 106131

Analyst...: lmr

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Potassium, Solid	mg/Kg	943.57			801.76	16.3	R	20.0	
Vanadium, Solid	mg/Kg	37.85			32.18	16.2	R	20.0	

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

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

Job Number.: 223218 Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	M03LSPK002	223218-1		01/01/2004	0053

Test Method.....: 6010B Equipment Code....: ICP3 Analyst...: lmr
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 106131

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Potassium, Solid	mg/Kg	2900.18		1209.00	801.76	174	%	75-125	N
Vanadium, Solid	mg/Kg	100.41		60.44	32.18	113	%	75-125	

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

QUALITY CONTROL RESULTS

Job Number.: 223218

Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	M03LSPK002	223218-1		01/01/2004	0100

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

Equipment Code....: ICP3
Batch.....: 106131

Analyst...: lmr

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Potassium, Solid	mg/Kg	2314.47	2900.18	1178.00	801.76	128	%	75-125	N
						30.5	R	20	*
Vanadium, Solid	mg/Kg	93.37	100.41	58.91	32.18	104	%	75-125	
						8.3	R	20	

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

QUALITY CONTROL RESULTS

Job Number.: 223218 — Report Date.: 01/28/2004

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
SD	Serial Dilution		223218-1		01/01/2004	0040

Test Method.....: 6010B — Equipment Code....: ICP3 — Analyst...: lmr
Method Description.: Metals Analysis (ICAP Trace) — Batch.....: 106131

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Potassium, Solid	mg/Kg	163.57			801.76				
Vanadium, Solid	mg/Kg	6.77			32.18	5.2	D	10.0	

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

QUALITY CONTROL RESULTS

Job Number.: 223218 — Report Date.: 01/28/2004

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

Test Method.....: Method — Batch.....: 105971 — Analyst...: clb
Method Description.: % Solids Determination — Equipment Code....: — Test Code.: %SOLID
Parameter.....: % Solids

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Time
MB	105971-001		%	0.1000 U								12/30/2003	2040
MD	223218-1		%	79.60000			80.00000	0.5		R	5.0	12/30/2003	2040

Test Method.....: Method — Batch.....: 105972 — Analyst...: clb
Method Description.: % Solids Determination — Equipment Code....: — Test Code.: %SOLID
Parameter.....: % Solids

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Time
MB	105972-001		%	0.1000 U								12/30/2003	2040

Test Method.....: 9045C — Batch.....: 106149 — Analyst...: nrp
Method Description.: pH (Soil) — Equipment Code....: — Test Code.: CORSOL
Parameter.....: Corrosivity (pH Solid)

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Time
PHC	106149-001	I03KPH10B	pH Units	10.05000		10.00000		0.05000		A	0.20000	01/02/2004	1155
LCSP	106149-002	I03LPH7B	pH Units	6.97000		7.00000		0.03000		A	0.20000	01/02/2004	1156
LCDP	106149-003	I03LPH7B	pH Units	6.96000		7.00000		0.04000		A	0.20000	01/02/2004	1158
MDPH	223218-5		pH Units	9.04000			9.27000	0.23000		A	0.20000	01/02/2004	1210
PHC	106149-001	I03KPH10B	pH Units	9.99000		10.00000		0.01000		A	0.20000	01/02/2004	1211
PHC	106149-017	I03IPH4B	pH Units	4.01000				0.01000		A	0.20000	01/02/2004	1215

Test Method.....: 7471A — Batch.....: 106028 — Analyst...: daj
Method Description.: Mercury (CVAA) Solids — Equipment Code....: HG3 — Test Code.: HG
Parameter.....: Mercury

QC	Lab ID	Reagent	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Time
MB	106001-007		mg/Kg	0.00	U								12/31/2003	1402
LCS	106001-008	M02ESTK010	mg/Kg	0.18			0.17		110		%	80-120	12/31/2003	1404
MD	223218-1		mg/Kg	0.04				0.03	0.00		A	0.02	12/31/2003	1409
MS	223218-1	M03JSTK030	mg/Kg	0.10			0.10	0.03	61	N	%	75-125	12/31/2003	1411
MSD	223218-1	M03JSTK030	mg/Kg	0.15		0.10	0.10	0.03	115		%	75-125	12/31/2003	1413
									61.4	*	R	20		

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

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.
NO	Compound not detected.
J	Result is an estimated value below the reporting limit or a tentatively identified compound (TIC).
Q	Result was qualitatively confirmed, but not quantified.
C	Pesticide identification was confirmed by GC/MS.
Y	The chromatographic response resembles a typical fuel pattern.
Z	The chromatographic response does not resemble a typical fuel pattern.
E	Result exceeded calibration range, secondary dilution required.
F	AFCEE:Result is an estimated value below the reporting limit or a tentatively identified compound (TIC)

Organic Flags (Flags Column)

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

greater than 25%.

Abbreviations

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

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

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

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SEVERN TRENT LABORATORIES
ANALYTICAL REPORT

JOB NUMBER: 223220

Prepared For:

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

Project: GSA - SLOP - Investigation

Attention: David Brewer

Date: 01/09/2004

(b) (6)

Signature

1/9/04

Date

Name: Richard C. Wright

Title: Project Manager

E-Mail: rwright@stl-inc.com

STL Chicago
2417 Bond Street
University Park, IL 60466

PHONE: (708) 534-5200
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This Report Contains (72) Pages

Severn Trent Laboratories - Chicago
METALS CASE NARRATIVE

Client: SCS Engineers, Inc.
Project: GSA - SLOP
STL#: 223220

Date Rec'd: 12/19/03

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

   Method Refs: USEPA, SW-846

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

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

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

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

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

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

8. Matrix QC not requested.

(b) (6)

Jodi L. Wojcik
Metals Unit Leader

12-29-04
Date

STL Chicago
PCB Case Narrative

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

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

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

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

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

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

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

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

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

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

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

10. Target compounds were confirmed using a second column.

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

(b) (6) [redacted]

Patti Gibson
Organics Section Manager

11/6/09
Date

STL Chicago
Explosives Case Narrative

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

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

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

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

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

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

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

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

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

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

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

(b) (6) [redacted]

Patti Gibson
Organics Section Manager

11/6/04
Date

STL Chicago is part of Severn Trent Laboratories, Inc.

SAMPLE INFORMATION
Date: 01/09/2004

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

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

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

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LABORATORY TEST RESULTS

Job Number: 223220 Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220 Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220 Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

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

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

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

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1657	mgk
	Aroclor 1221, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1657	mgk
	Aroclor 1232, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1657	mgk
	Aroclor 1242, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1657	mgk
	Aroclor 1248, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1657	mgk
	Aroclor 1254, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1657	mgk
	Aroclor 1260, Wipe	ND	U		0.25	0.50	1.00000	ug/Wipe	106084		12/30/03 1657	mgk
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	5.6			0.020	0.020	1	mg/Wipe	106370		12/31/03 2346	lmr
	Antimony, Wipe	ND	U		0.0020	0.0020	1	mg/Wipe	106370		12/31/03 2346	lmr
	Arsenic, Wipe	0.0052			0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2346	lmr
	Barium, Wipe	0.31			0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2346	lmr
	Beryllium, Wipe	0.0005			0.0004	0.0004	1	mg/Wipe	106370		12/31/03 2346	lmr
	Cadmium, Wipe	0.0057			0.0002	0.0002	1	mg/Wipe	106370		12/31/03 2346	lmr
	Calcium, Wipe	29			0.010	0.010	1	mg/Wipe	106370		12/31/03 2346	lmr
	Chromium, Wipe	0.026			0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2346	lmr
	Cobalt, Wipe	0.0054			0.0005	0.0005	1	mg/Wipe	106370		12/31/03 2346	lmr
	Copper, Wipe	0.053		H	0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2346	lmr
	Iron, Wipe	11		H	0.0050	0.0050	1	mg/Wipe	106370		12/31/03 2346	lmr
	Lead, Wipe	0.45			0.0005	0.0005	1	mg/Wipe	106370		12/31/03 2346	lmr
	Magnesium, Wipe	2.5			0.010	0.010	1	mg/Wipe	106370		12/31/03 2346	lmr
	Manganese, Wipe	0.20			0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2346	lmr
	Nickel, Wipe	0.013			0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2346	lmr
	Potassium, Wipe	2.1		*	0.050	0.050	1	mg/Wipe	106370		12/31/03 2346	lmr
	Selenium, Wipe	NO	U		0.0010	0.0010	1	mg/Wipe	106370		12/31/03 2346	lmr
	Silver, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	106370		12/31/03 2346	lmr
	Sodium, Wipe	1.2			0.10	0.10	1	mg/Wipe	106370		12/31/03 2346	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220 Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220 Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220 Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

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

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

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

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
6010B	Metals Analysis (ICAP Trace) Lead, Wipe	0.0012			0.0005	0.0005	1	mg/Wipe	106370		01/01/04 0024	lmr

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 223220

Date:01/09/2004

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

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

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

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

* In Description = Dry Wgt.

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LABORATORY CHRONICLE

Job Number: 223220 Date: 01/09/2004

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

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

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

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

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

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

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

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

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

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

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

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

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

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LABORATORY CHRONICLE

Job Number: 223220 Date: 01/09/2004

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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LABORATORY CHRONICLE

Job Number: 223220 Date: 01/09/2004

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

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

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

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

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

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

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

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

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	106369			12/30/2003	1700	
6010B	Metals Analysis (ICAP Trace)	1	1D6370	106369		01/01/2004	0011	

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

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

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

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

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

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	105390			12/22/2003	2100	
3010A	Acid Digestion (ICAP)	1	105710			12/29/2003	0940	
8330	Explosives by 833D (HPLC)	1	105922	105390		12/27/2003	0716	1.00000
7470A	Mercury (CVAA)	1	105386	105379		12/22/2003	1805	
6010B	Metals Analysis (ICAP Trace)	1	106070	105710		12/31/2003	0616	
6010B	Metals Analysis (ICAP Trace)	1	106151	105710		01/01/2004	0318	
7470/7471	SW846 Digestion (Hg)	1	105379			12/22/2003	1030	

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SURROGATE RECOVERIES REPORT

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

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

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

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

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

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

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

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

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SURROGATE RECOVERIES REPORT

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

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

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

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

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

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

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

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

QUALITY CONTROL RESULTS

Job Number.: 223220

Report Date.: 01/09/2004

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

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

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

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

Analyst...: mgk

LCD	Laboratory Control Sample Duplicate	003LWLPCBA	105736-003		12/30/2003	1519

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

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

QUALITY CONTROL RESULTS

Job Number.: 223220

Report Date.: 01/09/2004

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

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

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

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

Analyst...: mgk

LCS	Laboratory Control Sample	003LWLPCBA	105736-002		12/30/2003	1446

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

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

QUALITY CONTROL RESULTS

Job Number.: 223220

Report Date.: 01/09/2004

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

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

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

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

Analyst...: mgk

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

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

QUALITY CONTROL RESULTS

Job Number.: 223220

Report Date.: 01/09/2004

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

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

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

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

Analyst...: mgk

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

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

QUALITY CONTROL RESULTS

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

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

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

Test Method.....: 8082 Equipment Code....: INST0708 Analyst...: mgk
Method Description.: PCB Analysis Batch.....: 106261

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

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

QUALITY CONTROL RESULTS

Job Number.: 223220

Report Date.: 01/09/2004

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

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

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

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

Analyst...: san

LCD	Laboratory Control Sample Duplicate	003LWLEXPB	105390-003		12/27/2003	0538

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

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

QUALITY CONTROL RESULTS

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

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

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

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

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

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

QUALITY CONTROL RESULTS

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

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

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

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

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

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

QUALITY CONTROL RESULTS

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

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

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

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

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

* %=% REC, R=RPD, A=ABS Diff., 0=% Diff.

QUALITY CONTROL RESULTS

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

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

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

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

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

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

QUALITY CONTROL RESULTS

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

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

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

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

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

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

QUALITY CONTROL RESULTS

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

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	003LWLEXPB	223220-2		12/30/2003	1943

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

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

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

QUALITY CONTROL RESULTS

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

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

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

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

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

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

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

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

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

QUALITY CONTROL RESULTS

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

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

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

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

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

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

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

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

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

QUALITY CONTROL RESULTS

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

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

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

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

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

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

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

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

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

QUALITY CONTROL RESULTS

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

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

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

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

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

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

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

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

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

QUALITY CONTROL RESULTS

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

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

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

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

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

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

QUALITY CONTROL RESULTS

Job Number.: 223220

Report Date.: 01/09/2004

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

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

Test Method.....: 601DB
Method Description.: Metals Analysis (ICAP Trace)

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

Analyst...: lmr

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

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

QUALITY CONTROL RESULTS

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

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	M03LSPK002	105950-002		01/03/2004	1157

Test Method.....: 601DB Equipment Code....: ICP3 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 1D6347

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

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

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

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

QUALITY CONTROL RESULTS

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

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank	105950	105950-001		01/03/2004	1150

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

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank	106170	106170-001		01/03/2004	1604

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

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

QUALITY CONTROL RESULTS

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

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

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

Test Method.....: 6010B Equipment Code....: ICP4 Analyst...: lmr
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 106370

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

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

QUALITY CONTROL RESULTS

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

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

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

Test Method.....: 6010B Equipment Code....: ICP4 Analyst...: lmr
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 106370

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

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

QUALITY CONTROL RESULTS

Job Number.: 223220

Report Date.: 01/09/2004

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

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

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

Equipment Code....: ICP3
Batch.....: 106371

Analyst...: tds

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

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

QUALITY CONTROL RESULTS

Job Number.: 223220

Report Date.: 01/09/2004

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

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

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

Equipment Code....: ICP3
Batch.....: 106371

Analyst...: tds

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

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

QUALITY CONTROL RESULTS

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

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

Test Method.....: Method
Method Description.: % Solids Determination
Parameter.....: % Solids
Batch.....: 106320
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	106320-001		%	0.1000 U								01/05/2004	2145

Test Method.....: 7470A
Method Description.: Mercury (CVAA)
Parameter.....: Mercury
Batch.....: 105386
Equipment Code....: HG4
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	105378-007		mg/L	0.00005 U								12/22/2003	1531
LCS	105378-008	M02ESTK010	mg/L	0.00208		0.00200	0.00005 U	104		%	80-120	12/22/2003	1533
EB3	105386-012	122	mg/L	0.00005 U								12/22/2003	1535
MB	105379-007		mg/L	0.00005 U								12/22/2003	1701
LCS	105379-008	M02ESTK010	mg/L	0.00199		0.00200	0.00005 U	100		%	80-120	12/22/2003	1704

Test Method.....: 7471A
Method Description.: Mercury (CVAA) Solids
Parameter.....: Mercury
Batch.....: 105779
Equipment Code....: HG4
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	105773-007		mg/Kg	0.00 U								12/29/2003	1548
LCS	105773-008	M02ESTK010	mg/Kg	0.17		0.17	0.00 U	99		%	80-120	12/29/2003	1550

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

REPORT COMMENTS

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

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

Inorganic Qualifiers (Q-Column)

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

Inorganic Flags (Flag Column)

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

Organic Qualifiers (Q - Column)

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

Organic Flags (Flags Column)

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

greater than 25%.

Abbreviations

AS	Post Digestion Spike (GFAA Samples - See Note 1 below)
Batch	Designation given to identify a specific extraction, digestion, preparation set, or analysis set
CAP	Capillary Column CCB Continuing Calibration Blank
CCV	Continuing Calibration Verification
CF	Confirmation analysis of original
C1	Confirmation analysis of A1 or D1
C2	Confirmation analysis of A2 or D2
C3	Confirmation analysis of A3 or D3
CRA	Low Level Standard Check - GFAA; Mercury
CRI	Low Level Standard Check - ICP
CV	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

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

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

SEVERN TRENT **STL**

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

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

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

Shaded Areas For Internal Use Only 1 of 1

Lab Lot# 223220

Package Sealed Yes / No	Samples Sealed Yes / No
Received on Ice Yes / No	Samples Intact Yes / No
Temperature °C of Cooler: 5.9.8.4	

Sampler Name: J. Dowling, D. Brewer
Signature: (b) (6)
Project Name: SLOP
Project Number: 027000070.19
Project Location: St Louis, MO
Date Required Hard Copy: ___/___/___ Fax: ___/___/___
Lab PM: Eric Lang

Within Hold Time Yes / No	Preserv. Indicated Yes / No / NA
pH Check OK Yes / No / NA	Res Cl_2 Check OK Yes / No / NA
Sample Labels and COC Agree Yes / No	COC not present

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	Refrg #	# / Cont.	Volume	Preserv	Explosives	Metals	PCBs	SVOCs	VOCs	Additional Analyses / Remarks
		1021 SS-7 Shallow	12-17-03	11:30	S	G					X	X	X			
		1021 SS-7 Deep		11:30	S	G					X	X	X			
		102 SS-8		3:35	SE	G					X	X	X	X		
		102 SS-9		3:45	SE	G					X	X	X	X		
		102 SS-10		4:00	SE	G					X	X	X	X		
		102 SS-11		4:05	SE	G					X	X	X	X		
		102 SS-12		4:15	SL	G						X		X	X	
		102 SS-13		4:35	SE	G						X		X		
		102 SS-14		5:00	SE	G						X		X	X	
		105 SS-1	12-18-03	8:30	SE	G					X	X	X	X		
		105E SS-1		9:45	SE	G					X	X		X	X	
		TW-1		10:45	W	G					X	X				

RELINQUISHED BY (b) (6) COMPANY SCS Engineers DATE 12-18-03 TIME 6:40
RECEIVED BY (b) (6) COMPANY STL DATE 12-19-03 TIME 1015
RELINQUISHED BY COMPANY DATE TIME
RECEIVED BY COMPANY DATE TIME

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

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

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

COMMENTS

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

SEVERN TRENT **STL**

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

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

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

Shaded Areas For Internal Use Only 3 of 4

Lab Lot# 223220

Package Sealed Yes No	**Samples Sealed** Yes No
Received on Ice Yes No	**Samples Intact** Yes No
Temperature °C of Cooler 2.8	

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

Within Hold Time Yes No	**Preserv. Indicated** Yes No NA
pH Check OK Yes No NA	**Res Cl_2 Check OK** Yes No NA
Sample Labels and COC Agree Yes No	**COC not present**

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

RELINQUISHED	(b) (6)	COMPANY SLS Engineers	DATE 12-18-03	TIME 6:40	(b) (6)	COMPANY SLS	DATE 12-19-03 TIME 1015
RELINQUISHED BY		COMPANY	DATE	TIME		COMPANY	DATE TIME

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

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

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

COMMENTS

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

SEVERN TRENT **STL**

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

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

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

Shaded Areas For Internal Use Only 4 of 4

Lab Lot# 223220

Package Sealed (Yes) No	Samples Sealed Yes (No)
Received on Ice (Yes) No	Samples Intact (Yes) No
Temperature °C of Cooler 0.8	
Within Hold Time (Yes) No	Preserv. Indicated Yes No (NA)
pH Check OK Yes No (NA)	Res Cl_2 Check OK Yes No (NA)
Sample Labels and COC Agree (Yes) No	COC not present

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

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

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

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

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

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

COMMENTS

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

Note Number : 53589 JOB

Date : 12/19/2003

Author : jaj

Subject : SDR

Project Code....:

Location Code...: 57222

Job/Sales Order.: 223220 GSA - SLOP

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

Contact Location: KANSAS MO Kansas City, MO

Contact.....: BREWER D David Brewer

Invoice.....:

Batch.....:

Note For.....:

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