SEVERN TRENT STL

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SEVERN TRENT LABORATORIES
ANALYTICAL REPORT

JOB NUMBER: 222879

Prepared For:

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

Project: GSA - SLOP - Investigation

Attention: David Brewer

Date: 12/22/2003

(b) (6) [redacted]

Signature

12/22/03
Date

Name: Richard C. Wright

Title: Project Manager

E-Mail: rwright@stl-inc.com

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This Report Contains (28) Pages

Severn Trent Laboratories - Chicago
METALS CASE NARRATIVE

Client: SCS Engineers, Inc. Date Rec'd: 12/08/03
Project. GSA - SLOP
STL#: 222879

1. This narrative covers Metals analysis of samples in the above Job 222879.

   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 (MS/MSD) and Mg, K (MS). (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 Ca.

(b) (6) [redacted]

Jodi L. Wojcik
Metals Unit Leader

12-22-03
Date

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SAMPLE INFORMATION
Date: 12/22/2003

Job Number.: 222879
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
222879-1	SS1 ST. VINCENT PARK	Soil	12/04/2003	08:35	12/08/2003	09:00
222879-2	SS1 ARMY RESERVES	Soil	12/04/2003	09:00	12/08/2003	09:00
222879-3	SS1 SCHNUCKS PLAZA	Soil	12/04/2003	09:15	12/08/2003	09:00
222879-4	SS1 CLARA STREET	Soil	12/04/2003	09:30	12/08/2003	09:00

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LABORATORY TEST RESULTS

Job Number: 222879

Date:12/22/2003

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

Customer Sample ID: SS1 ST. VINCENT PARK
Date Sampled.....: 12/04/2003
Time Sampled.....: 08:35
Sample Matrix.....: Soil

Laboratory Sample ID: 222879-1
Date Received.....: 12/08/2003
Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	77.1			0.10	0.10	1	%	105003		12/18/03 2230	clb
	% Moisture, Solid	22.9			0.10	0.10	1	%	105003		12/18/03 2230	clb
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.031			0.0056	0.021	1	mg/Kg	105161		12/20/03 1020	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	5700			3.0	25	1	mg/Kg	105053		12/18/03 1923	tds
	Antimony, Solid*	ND	U		1.1	2.5	1	mg/Kg	105053		12/18/03 1923	tds
	Arsenic, Solid*	5.3			0.64	1.3	1	mg/Kg	105053		12/18/03 1923	tds
	Barium, Solid*	130			0.20	1.3	1	mg/Kg	105053		12/18/03 1923	tds
	Beryllium, Solid*	0.12	B		0.055	0.50	1	mg/Kg	105053		12/18/03 1923	tds
	Cadmium, Solid*	0.32			0.10	0.25	1	mg/Kg	105053		12/18/03 1923	tds
	Calcium, Solid*	1900			3.9	13	1	mg/Kg	105053		12/18/03 1923	tds
	Chromium, Solid*	9.8			0.28	1.3	1	mg/Kg	105053		12/18/03 1923	tds
	Cobalt, Solid*	6.5			0.18	0.63	1	mg/Kg	105053		12/18/03 1923	tds
	Copper, Solid*	12			1.1	1.3	1	mg/Kg	105053		12/18/03 1923	tds
	Iron, Solid*	10000			3.8	6.3	1	mg/Kg	105053		12/18/03 1923	tds
	Lead, Solid*	30			0.54	0.63	1	mg/Kg	105053		12/18/03 1923	tds
	Magnesium, Solid*	1200			2.1	13	1	mg/Kg	105053		12/18/03 1923	tds
	Manganese, Solid*	730			0.16	1.3	1	mg/Kg	105053		12/18/03 1923	tds
	Nickel, Solid*	10			0.31	1.3	1	mg/Kg	105053		12/18/03 1923	tds
	Potassium, Solid*	1200			17	63	1	mg/Kg	105053		12/18/03 1923	tds
	Selenium, Solid*	0.64	B		0.50	1.3	1	mg/Kg	105053		12/18/03 1923	tds
	Silver, Solid*	ND	U		0.39	0.63	1	mg/Kg	105053		12/18/03 1923	tds
	Sodium, Solid*	ND	U		110	130	1	mg/Kg	105110		12/19/03 1253	tds
	Thallium, Solid*	1.3			0.83	1.3	1	mg/Kg	105053		12/18/03 1923	tds
	Vanadium, Solid*	18			0.26	0.63	1	mg/Kg	105053		12/18/03 1923	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 222879

Date:12/22/2003

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

Customer Sample ID: SS1 ST. VINCENT PARK
Date Sampled.....: 12/04/2003
Time Sampled.....: 08:35
Sample Matrix.....: Soil

Laboratory Sample ID: 222879-1
Date Received.....: 12/08/2003
Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Zinc, Solid*	53			0.50	2.5	1	mg/Kg	105053		12/18/03 1923	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 222879

Date:12/22/2003

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

Customer Sample ID: SS1 ARMY RESERVES
Date Sampled.....: 12/04/2003
Time Sampled.....: 09:00
Sample Matrix.....: Soil

Laboratory Sample ID: 222879-2
Date Received.....: 12/08/2003
Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	74.6			0.10	0.10	1	%	105003		12/18/03 2230	clb
	% Moisture, Solid	25.4			0.10	0.10	1	%	105003		12/18/03 2230	clb
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.047			0.0058	0.022	1	mg/Kg	105161		12/20/03 1022	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	10000			3.1	25	1	mg/Kg	105053		12/18/03 1957	tds
	Antimony, Solid*	ND	U		1.1	2.5	1	mg/Kg	105053		12/18/03 1957	tds
	Arsenic, Solid*	7.2			0.65	1.3	1	mg/Kg	105053		12/18/03 1957	tds
	Barium, Solid*	130			0.20	1.3	1	mg/Kg	105053		12/18/03 1957	tds
	Beryllium, Solid*	0.27	B		0.056	0.51	1	mg/Kg	105053		12/18/03 1957	tds
	Cadmium, Solid*	0.47			0.10	0.25	1	mg/Kg	105053		12/18/03 1957	tds
	Calcium, Solid*	4700			3.9	13	1	mg/Kg	105053		12/18/03 1957	tds
	Chromium, Solid*	17			0.28	1.3	1	mg/Kg	105053		12/18/03 1957	tds
	Cobalt, Solid*	8.1			0.18	0.64	1	mg/Kg	105053		12/18/03 1957	tds
	Copper, Solid*	19			1.1	1.3	1	mg/Kg	105053		12/18/03 1957	tds
	Iron, Solid*	18000			3.8	6.4	1	mg/Kg	105053		12/18/03 1957	tds
	Lead, Solid*	64			0.55	0.64	1	mg/Kg	105053		12/18/03 1957	tds
	Magnesium, Solid*	2700			2.2	13	1	mg/Kg	105053		12/18/03 1957	tds
	Manganese, Solid*	600			0.17	1.3	1	mg/Kg	105053		12/18/03 1957	tds
	Nickel, Solid*	18			0.32	1.3	1	mg/Kg	105053		12/18/03 1957	tds
	Potassium, Solid*	1500			18	64	1	mg/Kg	105053		12/18/03 1957	tds
	Selenium, Solid*	0.89	B		0.51	1.3	1	mg/Kg	105053		12/18/03 1957	tds
	Silver, Solid*	ND	U		0.39	0.64	1	mg/Kg	105053		12/18/03 1957	tds
	Sodium, Solid*	NO	U		110	130	1	mg/Kg	105110		12/19/03 1324	tds
	Thallium, Solid*	1.0	B		0.84	1.3	1	mg/Kg	105053		12/18/03 1957	tds
	Vanadium, Solid*	28			0.27	0.64	1	mg/Kg	105053		12/18/03 1957	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 222879

Date:12/22/2003

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

Customer Sample ID: SS1 ARMY RESERVES
Date Sampled.....: 12/04/2003
Time Sampled.....: 09:00
Sample Matrix.....: Soil

Laboratory Sample ID: 222879-2
Date Received.....: 12/08/2003
Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Zinc, Solid*	80			0.51	2.5	1	mg/Kg	105053		12/18/03 1957	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 222879

Date:12/22/2003

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

Customer Sample ID: SS1 SCHNUCKS PLAZA
Date Sampled.....: 12/04/2003
Time Sampled.....: 09:15
Sample Matrix.....: Soil

Laboratory Sample ID: 222879-3
Date Received.....: 12/08/2003
Time Received.....: 09:00

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	%	105003		12/18/03 2230	clb
	% Moisture, Solid	16.7			0.10	0.10	1	%	105003		12/18/03 2230	clb
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.042			0.0052	0.020	1	mg/Kg	105161		12/20/03 1024	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	11000			2.7	23	1	mg/Kg	105053		12/18/03 2003	tds
	Antimony, Solid*	ND	U		1.0	2.3	1	mg/Kg	105053		12/18/03 2003	tds
	Arsenic, Solid*	9.2			0.58	1.1	1	mg/Kg	105053		12/18/03 2003	tds
	Barium, Solid*	130			0.18	1.1	1	mg/Kg	105053		12/18/03 2003	tds
	Beryllium, Solid*	0.26	B		0.050	0.46	1	mg/Kg	105053		12/18/03 2003	tds
	Cadmium, Solid*	0.17	B		0.091	0.23	1	mg/Kg	105053		12/18/03 2003	tds
	Calcium, Solid*	20000			3.5	11	1	mg/Kg	105053		12/18/03 2003	tds
	Chromium, Solid*	16			0.25	1.1	1	mg/Kg	105053		12/18/03 2003	tds
	Cobalt, Solid*	5.0			0.16	0.57	1	mg/Kg	105053		12/18/03 2003	tds
	Copper, Solid*	16			1.0	1.1	1	mg/Kg	105053		12/18/03 2003	tds
	Iron, Solid*	19000			3.4	5.7	1	mg/Kg	105053		12/18/03 2003	tds
	Lead, Solid*	18			0.49	0.57	1	mg/Kg	105053		12/18/03 2003	tds
	Magnesium, Solid*	3600			1.9	11	1	mg/Kg	105053		12/18/03 2003	tds
	Manganese, Solid*	410			0.15	1.1	1	mg/Kg	105053		12/18/03 2003	tds
	Nickel, Solid*	17			0.29	1.1	1	mg/Kg	105053		12/18/03 2003	tds
	Potassium, Solid*	1500			16	57	1	mg/Kg	105053		12/18/03 2003	tds
	Selenium, Solid*	0.74	B		0.46	1.1	1	mg/Kg	105053		12/18/03 2003	tds
	Silver, Solid*	ND	U		0.35	0.57	1	mg/Kg	105053		12/18/03 2003	tds
	Sodium, Solid*	ND	U		99	110	1	mg/Kg	105110		12/19/03 1331	tds
	Thallium, Solid*	0.96	B		0.75	1.1	1	mg/Kg	105053		12/18/03 2003	tds
	Vanadium, Solid*	28			0.24	0.57	1	mg/Kg	105053		12/18/03 2003	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 222879

Date:12/22/2003

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

Customer Sample ID: SS1 SCHNUCKS PLAZA
Date Sampled.....: 12/04/2003
Time Sampled.....: 09:15
Sample Matrix.....: Soil

Laboratory Sample ID: 222879-3
Date Received.....: 12/08/2003
Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Zinc, Solid*	48			0.46	2.3	1	mg/Kg	105053		12/18/03 2003	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 222879

Date:12/22/2003

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

Customer Sample ID: SS1 CLARA STREET
Date Sampled.....: 12/04/2003
Time Sampled.....: 09:30
Sample Matrix.....: Soil

Laboratory Sample ID: 222879-4
Date Received.....: 12/08/2003
Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	78.4			0.10	0.10	1	%	105003		12/18/03 2230	clb
	% Moisture, Solid	21.6			0.10	0.10	1	%	105003		12/18/03 2230	clb
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.084			0.0055	0.021	1	mg/Kg	105161		12/20/03 1026	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	9100			2.8	23	1	mg/Kg	105053		12/18/03 2010	tds
	Antimony, Solid*	ND	U		1.0	2.3	1	mg/Kg	105053		12/18/03 2010	tds
	Arsenic, Solid*	7.3			0.59	1.2	1	mg/Kg	105053		12/18/03 2010	tds
	Barium, Solid*	230			0.18	1.2	1	mg/Kg	105053		12/18/03 2010	tds
	Beryllium, Solid*	0.26	B		0.051	0.46	1	mg/Kg	105053		12/18/03 2010	tds
	Cadmium, Solid*	0.62			0.092	0.23	1	mg/Kg	105053		12/18/03 2010	tds
	Calcium, Solid*	4100			3.6	12	1	mg/Kg	105053		12/18/03 2010	tds
	Chromium, Solid*	14			0.25	1.2	1	mg/Kg	105053		12/18/03 2010	tds
	Cobalt, Solid*	11			0.16	0.58	1	mg/Kg	105053		12/18/03 2010	tds
	Copper, Solid*	26			1.0	1.2	1	mg/Kg	105053		12/18/03 2010	tds
	Iron, Solid*	17000			3.5	5.8	1	mg/Kg	105053		12/18/03 2010	tds
	Lead, Solid*	88			0.49	0.58	1	mg/Kg	105053		12/18/03 2010	tds
	Magnesium, Solid*	2000			2.0	12	1	mg/Kg	105053		12/18/03 2010	tds
	Manganese, Solid*	1900			0.15	1.2	1	mg/Kg	105053		12/18/03 2010	tds
	Nickel, Solid*	19			0.29	1.2	1	mg/Kg	105053		12/18/03 2010	tds
	Potassium, Solid*	1500			16	58	1	mg/Kg	105053		12/18/03 2010	tds
	Selenium, Solid*	0.92	B		0.46	1.2	1	mg/Kg	105053		12/18/03 2010	tds
	Silver, Solid*	ND	U		0.36	0.58	1	mg/Kg	105053		12/18/03 2010	tds
	Sodium, Solid*	ND	U		100	120	1	mg/Kg	105110		12/19/03 1337	tds
	Thallium, Solid*	3.0			0.76	1.2	1	mg/Kg	105053		12/18/03 2010	tds
	Vanadium, Solid*	25			0.24	0.58	1	mg/Kg	105053		12/18/03 2010	tds

* In Description = Dry Wgt.

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LABORATORY TEST RESULTS

Job Number: 222879

Date:12/22/2003

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

Customer Sample ID: SS1 CLARA STREET
Date Sampled.....: 12/04/2003
Time Sampled.....: 09:30
Sample Matrix.....: Soil

Laboratory Sample ID: 222879-4
Date Received.....: 12/08/2003
Time Received.....: 09:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Zinc, Solid*	140			0.46	2.3	1	mg/Kg	105053		12/18/03 2010	tds

* In Description = Dry Wgt.

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LABORATORY CHRONICLE

Job Number: 222879 Date: 12/22/2003

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

Lab ID: 222879-1 Client ID: SS1 ST. VINCENT PARK Date Recvd: 12/08/2003 Sample Date: 12/04/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105003			12/18/2003	2230	
3050B	Acid Digestion: Solids (ICAP)	1	104851			12/17/2003	1745	
EDD	Electronic Data Deliverable	1						
7471A	Mercury (CVAA) Solids	1	105161	105160		12/20/2003	1020	
6010B	Metals Analysis (ICAP Trace)	1	105053	104851		12/18/2003	1923	
6010B	Metals Analysis (ICAP Trace)	1	105110	104851		12/19/2003	1253	
7470/7471	SW846 Digestion (Hg)	1	105160			12/19/2003	1730	

Lab ID: 222879-2 Client ID: SS1 ARMY RESERVES Date Recvd: 12/08/2003 Sample Date: 12/04/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	1050D3			12/18/2003	2230	
3050B	Acid Digestion: Solids (ICAP)	1	104851			12/17/2003	1745	
7471A	Mercury (CVAA) Solids	1	105161	105160		12/20/2003	1022	
6010B	Metals Analysis (ICAP Trace)	1	105053	104851		12/18/2003	1957	
6010B	Metals Analysis (ICAP Trace)	1	105110	104851		12/19/2003	1324	
7470/7471	SW846 Digestion (Hg)	1	105160			12/19/2003	1730	

Lab ID: 222879-3 Client ID: SS1 SCHNUCKS PLAZA Date Recvd: 12/08/2003 Sample Date: 12/04/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105003			12/18/2003	2230	
3050B	Acid Digestion: Solids (ICAP)	1	104851			12/17/2003	1745	
7471A	Mercury (CVAA) Solids	1	105161	105160		12/20/2003	1024	
6010B	Metals Analysis (ICAP Trace)	1	105053	104851		12/18/2003	20D3	
6010B	Metals Analysis (ICAP Trace)	1	105110	104851		12/19/2003	1331	
7470/7471	SW846 Digestion (Hg)	1	105160			12/19/2003	1730	

Lab ID: 222879-4 Client ID: SS1 CLARA STREET Date Recvd: 12/08/2003 Sample Date: 12/04/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	105003			12/18/2003	2230	
3050B	Acid Digestion: Solids (ICAP)	1	104851			12/17/2003	1745	
7471A	Mercury (CVAA) Solids	1	105161	105160		12/20/2003	1026	
6010B	Metals Analysis (ICAP Trace)	1	105053	104851		12/18/2003	2010	
6010B	Metals Analysis (ICAP Trace)	1	105110	104851		12/19/2003	1337	
7470/7471	SW846 Digestion (Hg)	1	105160			12/19/2003	1730	

QUALITY CONTROL RESULTS

Job Number.: 222879 — Report Date.: 12/22/2003

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.....: 105053

LCS	Laboratory Control Sample	M03KSPK003	104686-002		12/18/2003	1309

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Vanadium, Solid	mg/Kg	47.08		50.00	0.21	U	94	%	80-120	

LCS	Laboratory Control Sample	M03KSPK003	104851-002		12/18/2003	1751

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	190.94		200.00	2.60	B	95	%	80-120	
Antimony, Solid	mg/Kg	43.37		50.00	0.90	U	87	%	80-120	
Arsenic, Solid	mg/Kg	9.45		10.00	0.51	U	94	%	80-120	
Barium, Solid	mg/Kg	177.99		200.00	0.16	U	89	%	80-120	
Beryllium, Solid	mg/Kg	4.45		5.00	0.04	U	89	%	80-120	
Cadmium, Solid	mg/Kg	4.68		5.00	0.08	U	94	%	80-120	
Calcium, Solid	mg/Kg	944.07		1000.00	3.10	U	94	%	80-120	
Chromium, Solid	mg/Kg	19.01		20.00	0.22	U	95	%	80-120	
Cobalt, Solid	mg/Kg	47.20		50.00	0.14	U	94	%	80-120	
Copper, Solid	mg/Kg	23.29		25.00	0.90	U	93	%	80-120	
Iron, Solid	mg/Kg	100.05		100.00	4.91	B	100	%	80-120	
Lead, Solid	mg/Kg	9.92		10.00	0.43	U	99	%	80-120	
Magnesium, Solid	mg/Kg	961.24		1000.00	1.73	B	96	%	80-120	
Manganese, Solid	mg/Kg	47.93		50.00	0.13	U	96	%	80-120	
Nickel, Solid	mg/Kg	47.27		50.00	0.25	U	95	%	80-120	
Potassium, Solid	mg/Kg	881.76		1000.00	13.80	U	88	%	80-120	
Selenium, Solid	mg/Kg	9.54		10.00	0.40	U	95	%	80-120	
Silver, Solid	mg/Kg	4.48		5.00	0.31	U	90	%	80-120	
Thallium, Solid	mg/Kg	9.62		10.00	0.66	U	96	%	80-120	
Vanadium, Solid	mg/Kg	46.45		50.00	0.21	U	93	%	80-120	
Zinc, Solid	mg/Kg	46.33		50.00	0.40	U	93	%	80-120	

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

QUALITY CONTROL RESULTS

Job Number.: 222879 Report Date.: 12/22/2003

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank	104686	104686-001		12/18/2003	1302

Test Method.....: 6010B Equipment Code....: ICP3 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 105053

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

MB	Method Blank	104851	104851-001		12/18/2003	1744

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	2.60	B							
Antimony, Solid	mg/Kg	0.90	U							
Arsenic, Solid	mg/Kg	0.51	U							
Barium, Solid	mg/Kg	0.16	U							
Beryllium, Solid	mg/Kg	0.04	U							
Cadmium, Solid	mg/Kg	0.08	U							
Calcium, Solid	mg/Kg	3.10	U							
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	4.91	B							
Lead, Solid	mg/Kg	0.43	U							
Magnesium, Solid	mg/Kg	1.73	B							
Manganese, Solid	mg/Kg	0.13	U							
Nickel, Solid	mg/Kg	0.25	U							
Potassium, Solid	mg/Kg	13.80	U							
Selenium, Solid	mg/Kg	0.40	U							
Silver, Solid	mg/Kg	0.31	U							
Thallium, Solid	mg/Kg	0.66	U							
Vanadium, Solid	mg/Kg	0.21	U							
Zinc, Solid	mg/Kg	0.40	U							

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

QUALITY CONTROL RESULTS

Job Number.: 222879

Report Date.: 12/22/2003

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MD	Method Duplicate		222879-1		12/18/2003	1937

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

Equipment Code....: ICP3
Batch.....: 105053

Analyst...: tds

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	5732.50				5673.40	1.0	R	20.0	
Antimony, Solid	mg/Kg	1.08	U			1.08	U 0.15	A	2.41	
Arsenic, Solid	mg/Kg	5.63				5.29	0.34	A	1.20	
Barium, Solid	mg/Kg	129.97				129.64	0.3	R	20.0	
Beryllium, Solid	mg/Kg	0.13	B			0.12	B 0.01	A	0.48	
Cadmium, Solid	mg/Kg	0.34				0.32	0.01	A	0.24	
Calcium, Solid	mg/Kg	2908.00				1873.95	43.2	R	20.0	*
Chromium, Solid	mg/Kg	10.01				9.83	1.8	R	20.0	
Cobalt, Solid	mg/Kg	7.01				6.50	7.6	R	20.0	
Copper, Solid	mg/Kg	12.12				12.24	1.0	R	20.0	
Iron, Solid	mg/Kg	10337.53				10056.40	2.8	R	20.0	
Lead, Solid	mg/Kg	29.83				29.78	0.2	R	20.0	
Magnesium, Solid	mg/Kg	1231.08				1180.88	4.2	R	20.0	
Manganese, Solid	mg/Kg	795.02				726.97	8.9	R	20.0	
Nickel, Solid	mg/Kg	10.44				10.14	2.9	R	20.0	
Potassium, Solid	mg/Kg	1240.30				1242.63	0.2	R	20.0	
Selenium, Solid	mg/Kg	0.97	B			0.64	B 0.33	A	1.20	
Silver, Solid	mg/Kg	0.37	U			0.37	U 0.02	A	0.60	
Thallium, Solid	mg/Kg	1.74				1.28	0.46	A	1.20	
Vanadium, Solid	mg/Kg	18.67				18.31	2.0	R	20.0	
Zinc, Solid	mg/Kg	52.76				53.05	0.6	R	20.0	

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

QUALITY CONTROL RESULTS

Job Number.: 222879 Report Date.: 12/22/2003

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	M03KSPK003	222879-1		12/18/2003	1943

Test Method.....: 6010B Equipment Code....: ICP3 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 105053

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	10780.99		240.40	5673.40	2125	%	75-125	4
Antimony, Solid	mg/Kg	25.39		60.10	1.08 U	42	%	75-125	N
Arsenic, Solid	mg/Kg	17.67		12.02	5.29	103	%	75-125	
Barium, Solid	mg/Kg	357.55		240.40	129.64	95	%	75-125	
Beryllium, Solid	mg/Kg	5.20		6.01	0.12 B	86	%	75-125	
Cadmium, Solid	mg/Kg	5.65		6.01	0.32	89	%	75-125	
Calcium, Solid	mg/Kg	3125.99		1202.00	1873.95	104	%	75-125	
Chromium, Solid	mg/Kg	35.07		24.04	9.83	105	%	75-125	
Cobalt, Solid	mg/Kg	66.77		60.10	6.50	100	%	75-125	
Copper, Solid	mg/Kg	39.79		30.05	12.24	92	%	75-125	
Iron, Solid	mg/Kg	13343.99		120.20	10056.40	2735	%	75-125	4
Lead, Solid	mg/Kg	41.28		12.02	29.78	96	%	75-125	
Magnesium, Solid	mg/Kg	2814.45		1202.00	1180.88	136	%	75-125	N
Manganese, Solid	mg/Kg	1027.66		60.10	726.97	500	%	75-125	4
Nickel, Solid	mg/Kg	67.34		60.10	10.14	95	%	75-125	
Potassium, Solid	mg/Kg	2789.25		1202.00	1242.63	129	%	75-125	N
Selenium, Solid	mg/Kg	11.33		12.02	0.64 B	94	%	75-125	
Silver, Solid	mg/Kg	5.24		6.01	0.37 U	87	%	75-125	
Thallium, Solid	mg/Kg	12.22		12.02	1.28	91	%	75-125	
Vanadium, Solid	mg/Kg	79.87		60.10	18.31	102	%	75-125	
Zinc, Solid	mg/Kg	112.32		60.10	53.05	99	%	75-125	

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

QUALITY CONTROL RESULTS

Job Number.: 222879 — Report Date.: 12/22/2003

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	M03KSPK003	222879-1		12/18/2003	1950

Test Method.....: 6010B — Equipment Code....: ICP3 — Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) — Batch.....: 105053

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	9289.89	10780.99	239.30	5673.40		1511	%	75-125	4
							33.8	R	20	*
Antimony, Solid	mg/Kg	25.15	25.39	59.83	1.08	U	42	%	75-125	N
							0.0	R	20	
Arsenic, Solid	mg/Kg	16.37	17.67	11.97	5.29		93	%	75-125	
							10.2	R	20	
Barium, Solid	mg/Kg	349.85	357.55	239.30	129.64		92	%	75-125	
							3.2	R	20	
Beryllium, Solid	mg/Kg	5.20	5.20	5.98	0.12	B	87	%	75-125	
							1.2	R	20	
Cadmium, Solid	mg/Kg	5.67	5.65	5.98	0.32		89	%	75-125	
							0.0	R	20	
Calcium, Solid	mg/Kg	3038.86	3125.99	1197.00	1873.95		97	%	75-125	
							7.0	R	20	
Chromium, Solid	mg/Kg	34.12	35.07	23.93	9.83		101	%	75-125	
							3.9	R	20	
Cobalt, Solid	mg/Kg	61.13	66.77	59.83	6.50		91	%	75-125	
							9.4	R	20	
Copper, Solid	mg/Kg	38.82	39.79	29.91	12.24		89	%	75-125	
							3.3	R	20	
Iron, Solid	mg/Kg	11023.41	13343.99	119.70	10056.40		808	%	75-125	4
							108.8	R	20	*
Lead, Solid	mg/Kg	41.82	41.28	11.97	29.78		101	%	75-125	
							5.1	R	20	
Magnesium, Solid	mg/Kg	2579.75	2814.45	1197.00	1180.88		117	%	75-125	
							15.0	R	20	
Manganese, Solid	mg/Kg	869.07	1027.66	59.83	726.97		238	%	75-125	4
							71.0	R	20	*
Nickel, Solid	mg/Kg	65.32	67.34	59.83	10.14		92	%	75-125	
							3.2	R	20	
Potassium, Solid	mg/Kg	2688.35	2789.25	1197.00	1242.63		121	%	75-125	
							6.4	R	20	
Selenium, Solid	mg/Kg	11.13	11.33	11.97	0.64	B	93	%	75-125	
							1.1	R	20	
Silver, Solid	mg/Kg	5.22	5.24	5.98	0.37	U	87	%	75-125	
							0.0	R	20	
Thallium, Solid	mg/Kg	12.48	12.22	11.97	1.28		94	%	75-125	
							3.2	R	20	
Vanadium, Solid	mg/Kg	76.83	79.87	59.83	18.31		98	%	75-125	
							4.0	R	20	
Zinc, Solid	mg/Kg	108.50	112.32	59.83	53.05		93	%	75-125	
							6.2	R	20	

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

QUALITY CONTROL RESULTS

Job Number.: 222879 Report Date.: 12/22/2003

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
SD	Serial Dilution		222879-1		12/18/2003	1930

Test Method.....: 6010B Equipment Code....: ICP3 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 105053

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	1228.26			5673.40	8.2	D	10.0	
Antimony, Solid	mg/Kg	1.13	U		1.13	U			
Arsenic, Solid	mg/Kg	1.24	B		5.29				
Barium, Solid	mg/Kg	27.72			129.64	6.9	D	10.0	
Beryllium, Solid	mg/Kg	0.06	U		0.12	B			
Cadmium, Solid	mg/Kg	0.10	U		0.32				
Calcium, Solid	mg/Kg	398.99			1873.95	6.5	D	10.0	
Chromium, Solid	mg/Kg	2.05			9.83				
Cobalt, Solid	mg/Kg	1.42			6.50				
Copper, Solid	mg/Kg	2.62			12.24				
Iron, Solid	mg/Kg	2175.92			10056.40	8.2	D	10.0	
Lead, Solid	mg/Kg	6.43			29.78	8.0	D	10.0	
Magnesium, Solid	mg/Kg	255.20			1180.88	8.1	D	10.0	
Manganese, Solid	mg/Kg	157.40			726.97	8.3	D	10.0	
Nickel, Solid	mg/Kg	2.14			10.14				
Potassium, Solid	mg/Kg	266.10			1242.63	7.1	D	10.0	
Selenium, Solid	mg/Kg	0.50	U		0.64	B			
Silver, Solid	mg/Kg	0.39	U		0.39	U			
Thallium, Solid	mg/Kg	0.83	U		1.28				
Vanadium, Solid	mg/Kg	3.90			18.31	6.5	D	10.0	
Zinc, Solid	mg/Kg	11.84			53.05	11.6	D	10.0	E

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

QUALITY CONTROL RESULTS

Job Number.: 222879 Report Date.: 12/22/2003

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	M03KSPK003	104851-002		12/19/2003	1130

Test Method.....: 6010B Equipment Code....: ICP4 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 105110

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Sodium, Solid	mg/Kg	893.44		1000.00	86.70 U	89	%	80-120	

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

QUALITY CONTROL RESULTS

Job Number.: 222879

Report Date.: 12/22/2003

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank	104851	104851-001		12/19/2003	1124

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

Equipment Code....: ICP4
Batch.....: 105110

Analyst...: tds

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

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

QUALITY CONTROL RESULTS

Job Number.: 222879

Report Date.: 12/22/2003

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MD	Method Duplicate		222879-1		12/19/2003	1306

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

Equipment Code....: ICP4
Batch.....: 105110

Analyst...: tds

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Sodium, Solid	mg/Kg	104.41	U			104.41	U	3.71	A	120.43	

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

QUALITY CONTROL RESULTS

Job Number.: 222879 Report Date.: 12/22/2003

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	M03KSPK003	222879-1		12/19/2003	1312

Test Method.....: 6010B Equipment Code....: ICP4 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 105110

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Sodium, Solid	mg/Kg	1132.47		1202.00	104.22	U	94	%	75-125	

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

QUALITY CONTROL RESULTS

Job Number.: 222879 Report Date.: 12/22/2003

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	M03KSPK003	222879-1		12/19/2003	1318

Test Method.....: 6010B Equipment Code....: ICP4 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 105110

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Sodium, Solid	mg/Kg	1117.40	1132.47	1197.00	103.74	U	93	%	75-125	
							1.1	R	20	

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

QUALITY CONTROL RESULTS

Job Number.: 222879 Report Date.: 12/22/2003

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
SD	Serial Dilution		222879-1		12/19/2003	1300

Test Method.....: 6010B Equipment Code....: ICP4 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 105110

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Sodium, Solid	mg/Kg	108.55	U			108.55	U				

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

QUALITY CONTROL RESULTS

Job Number.: 222879 Report Date.: 12/22/2003

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

Test Method.....: Method Batch.....: 105003 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	105003-001		%	0.1000 U								12/18/2003	2230

Test Method.....: 7471A Batch.....: 105161 Analyst...: gok
Method Description.: Mercury (CVAA) Solids Equipment Code....: HG3 Test Code.: HG
Parameter.....: Mercury

QC	Lab ID	Reagent	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Time
MB	105160-007		mg/Kg	0.00 U								12/20/2003	1013
LCS	105160-008	M02ESTK010	mg/Kg	0.17		0.17	0.00 U	102		%	80-120	12/20/2003	1016

* %=% 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# 222879

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

Temperature °C of Cooler 2.4

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

Sample Labels and COC Agree
Yes No COC not present

Sampler Name: J. Dowling
Project Name: GSA Slop
Project Location: St. Louis, Mo
Lab PM: Eric Lang
Project Number: 0220007.19
Date Required
Hard Copy: ___/___/___
Fax: ___/___/___

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	6010B Metals	Additional Analyses / Remarks
1		SS1 St. Vincent Park	12-4-03	8:35	S	G	X	
2		SS1 Army Reserves		9:00	S	G	X	
3		SS1 Schnucks Plaza		9:15	S	G	X	
4		SS1 Clara Street		9:30	S	G	X	

Refrg #													
# / Cont.													
Volume													
Preserv													

RELINQUISHED BY	COMPANY	DATE	TIME	RELINQUISHED BY	COMPANY	DATE	TIME
(b) (6)	SCS	12-5-03	10:30	(b) (6)	STL	12-8-03	0900
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 12/8/03
Courier: FX **Hand Delivered** ☐
Bill of Lading

STL Chicago
2417 Bond Street
University Park, IL 60466

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

SEVERN TRENT LABORATORIES ANALYTICAL REPORT

JOB NUMBER: 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.

1-2-09
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

STL Chicago is part of Severn Trent Laboratories, Inc.

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.

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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
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.

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
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.

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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
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.

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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
	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.

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.

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: 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.

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: 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.

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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
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.

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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
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.

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: 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.

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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: 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.

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: 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.

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: 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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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
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.

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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
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.

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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
	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.

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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
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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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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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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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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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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Job Number: 223218 Date: 01/28/2004

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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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SURROGATE RECOVERIES REPORT

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

Equipment Code....: INST10
Batch.....: 105934

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.

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
Method Description.: Explosives by 8330 (HPLC)

Equipment Code....: INST43
Batch.....: 105995

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.: 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.

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

Test Method.....: 8330 Equipment Code....: INST43 Analyst...: san
Method Description.: Explosives by 8330 (HPLC) Batch.....: 105995

MSD	Matrix Spike Duplicate	003LWLEXPB	223218-12		12/30/2003	0329

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.

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

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 Equipment Code....: ICP4 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 106021

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
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	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
MS	Matrix Spike	M03LSPK002	223218-1		12/31/2003	0134

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	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 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	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 Equipment Code....: ICP3 Analyst...: lmr
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 106131

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 Equipment Code....: ICP3 Analyst...: lmr
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 106131

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

Test Method.....: 6010B Equipment Code....: ICP3 Analyst...: lmr
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 106131

MSD	Matrix Spike Duplicate	M03LSPK002	223218-1		01/01/2004 0100

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
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	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
Method Description.: % Solids Determination
Parameter.....: % Solids
Batch.....: 105971
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	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
Method Description.: % Solids Determination
Parameter.....: % Solids
Batch.....: 105972
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	105972-001		%	0.1000 U								12/30/2003	2040

Test Method.....: 9045C
Method Description.: pH (Soil)
Parameter.....: Corrosivity (pH Solid)
Batch.....: 106149
Equipment Code....:
Analyst...: nrp
Test Code.: CORSOL

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
Method Description.: Mercury (CVAA) Solids
Parameter.....: Mercury
Batch.....: 106028
Equipment Code....: HG3
Analyst...: daj
Test Code.: HG

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.

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.