



STL

RECEIVED
DEC 23 2003
BY: _____

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: 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)

Signature

Name: Richard C. Wright

Title: Project Manager

E-Mail: rwright@stl-inc.com

Date

12/22/03

STL Chicago
2417 Bond Street
University Park, IL 60466

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

This Report Contains (28) Pages

Severn Trent Laboratories - Chicago
METALS CASE NARRATIVE

Client: SCS Engineers, Inc.
Project: GSA - SLOP
STL#: 222879

Date Rec'd: 12/08/03

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)

Jodi L. Wojcik
Metals Unit Leader

12-22-03
Date

STL Chicago is part of Severn Trent Laboratories, Inc.

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 |

| 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.

STL Chicago is part of Severn Trent Laboratories, Inc.

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 Laboratory Sample ID: 222879-1
 Date Sampled.....: 12/04/2003 Date Received.....: 12/08/2003
 Time Sampled.....: 08:35 Time Received.....: 09:00
 Sample Matrix.....: Soil

| 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.

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 |
| 60108 | 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.

STL Chicago is part of Severn Trent Laboratories, Inc.

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 Laboratory Sample ID: 222879-2
 Date Sampled.....: 12/04/2003 Date Received.....: 12/08/2003
 Time Sampled.....: 09:00 Time Received.....: 09:00
 Sample Matrix.....: Soil

| 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.

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.

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 Laboratory Sample ID: 222879-3
 Date Sampled.....: 12/04/2003 Date Received.....: 12/08/2003
 Time Sampled.....: 09:15 Time Received.....: 09:00
 Sample Matrix.....: Soil

| 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.

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 Laboratory Sample ID: 222879-4
 Date Sampled.....: 12/04/2003 Date Received.....: 12/08/2003
 Time Sampled.....: 09:30 Time Received.....: 09:00
 Sample Matrix.....: Soil

| TEST METHOD | PARAMETER/TEST DESCRIPTION | SAMPLE RESULT | Q | FLAGS | MDL | RL | DILUTION | UNITS | BATCH | DT | DATE/TIME | TECH |
|-------------|------------------------------|---------------|---|-------|--------|-------|----------|-------|--------|----|---------------|------|
| Method | % Solids Determination | | | | | | | | | | | |
| | % 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.

STL Chicago is part of Severn Trent Laboratories, Inc.

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 Laboratory Sample ID: 222879-4
 Date Sampled.....: 12/04/2003 Date Received.....: 12/08/2003
 Time Sampled.....: 09:30 Time Received.....: 09:00
 Sample Matrix.....: Soil

| 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.

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

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 | 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 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 2003 |
| 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 |

Job Number.: 222879

QUALITY CONTROL RESULTS

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 | |

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 |
|---------|-------------|------------|--------|-----------------|------|------|
|---------|-------------|------------|--------|-----------------|------|------|

Test Method.....: 6010B

Equipment Code....: ICP3

Analyst...: tds

Method Description.: Metals Analysis (ICAP Trace)

Batch.....: 105053

| | | | | | | |
|----|--------------|--------|------------|--|------------|------|
| MB | Method Blank | 104686 | 104686-001 | | 12/18/2003 | 1302 |
|----|--------------|--------|------------|--|------------|------|

| 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 | | | | | |

Job Number.: 222879

QUALITY CONTROL RESULTS

Report Date.: 12/22/2003

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN:

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

Test Method.....: 6010B

Equipment Code....: ICP3

Analyst....: tds

Method Description.: Metals Analysis (ICAP Trace)

Batch.....: 105053

| MD | Method Duplicate | 222879-1 | 12/18/2003 | 1937 |
|----|------------------|----------|------------|------|
|----|------------------|----------|------------|------|

| 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 | |

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 |
|---------|-------------|------------|--------|-----------------|------|------|
|---------|-------------|------------|--------|-----------------|------|------|

Test Method.....: 6010B

Equipment Code....: ICP3

Analyst....: tds

Method Description.: Metals Analysis (ICAP Trace)

Batch.....: 105053

| MS | Matrix Spike | M03KSPK003 | 222879-1 | | 12/18/2003 | 1943 |
|----|--------------|------------|----------|--|------------|------|
|----|--------------|------------|----------|--|------------|------|

| 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 | |

Job Number.: 222879

QUALITY CONTROL RESULTS

Report Date.: 12/22/2003

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN:

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

Test Method.....: 6010B

Equipment Code....: ICP3

Analyst....: tds

Method Description.: Metals Analysis (ICAP Trace)

Batch.....: 105053

| MSD | Matrix Spike Duplicate | M03KSPK003 | 222879-1 | | 12/18/2003 | 1950 |
|-----|------------------------|------------|----------|--|------------|------|
|-----|------------------------|------------|----------|--|------------|------|

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

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 |
|---------|-------------|------------|--------|-----------------|------|------|
|---------|-------------|------------|--------|-----------------|------|------|

Test Method.....: 6010B

Equipment Code....: ICP3

Analyst...: tds

Method Description.: Metals Analysis (ICAP Trace)

Batch.....: 105053

| SD | Serial Dilution | | | 222879-1 | | | 12/18/2003 | 1930 | |
|----------------------------|-----------------|-----------|-----------|------------|-------------|----------|------------|------|--|
| 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 | |

Job Number.: 222879

QUALITY CONTROL RESULTS

Report Date.: 12/22/2003

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN:

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

Test Method.....: 6010B

Equipment Code....: ICP4

Analyst...: tds

Method Description.: Metals Analysis (ICAP Trace)

Batch.....: 105110

| | | | | | | |
|-----|---------------------------|------------|------------|--|------------|------|
| LCS | Laboratory Control Sample | M03KSPK003 | 104851-002 | | 12/19/2003 | 1130 |
|-----|---------------------------|------------|------------|--|------------|------|

| 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 | |

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 |
|---------|-------------|------------|--------|-----------------|------|------|
|---------|-------------|------------|--------|-----------------|------|------|

Test Method.....: 6010B

Equipment Code....: ICP4

Analyst....: tds

Method Description.: Metals Analysis (ICAP Trace)

Batch.....: 105110

| | | | | | | |
|----|--------------|--------|------------|--|------------|------|
| MB | Method Blank | 104851 | 104851-001 | | 12/19/2003 | 1124 |
|----|--------------|--------|------------|--|------------|------|

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

Job Number.: 222879

QUALITY CONTROL RESULTS

Report Date.: 12/22/2003

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN:

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

Test Method.....: 6010B

Equipment Code....: ICP4

Analyst....: tds

Method Description.: Metals Analysis (ICAP Trace)

Batch.....: 105110

| MD | Method Duplicate | 222879-1 | 12/19/2003 | 1306 |
|----|------------------|----------|------------|------|
|----|------------------|----------|------------|------|

| 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 | |

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 |
|---------|-------------|------------|--------|-----------------|------|------|
|---------|-------------|------------|--------|-----------------|------|------|

Test Method.....: 6010B

Equipment Code....: ICP4

Analyst...: tds

Method Description.: Metals Analysis (ICAP Trace)

Batch.....: 105110

| | | | | | | |
|----|--------------|------------|----------|--|------------|------|
| MS | Matrix Spike | M03KSPK003 | 222879-1 | | 12/19/2003 | 1312 |
|----|--------------|------------|----------|--|------------|------|

| 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 | |

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 |
|---------|-------------|------------|--------|-----------------|------|------|
|---------|-------------|------------|--------|-----------------|------|------|

Test Method.....: 6010B

Equipment Code....: ICP4

Analyst...: tds

Method Description.: Metals Analysis (ICAP Trace)

Batch.....: 105110

| | | | | | | |
|-----|------------------------|------------|----------|--|------------|------|
| MSD | Matrix Spike Duplicate | M03KSPK003 | 222879-1 | | 12/19/2003 | 1318 |
|-----|------------------------|------------|----------|--|------------|------|

| 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 1.1 | % 75-125 R 20 | |

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 |
|---------|-------------|------------|--------|-----------------|------|------|
|---------|-------------|------------|--------|-----------------|------|------|

Test Method.....: 6010B

Equipment Code....: ICP4

Analyst....: tds

Method Description.: Metals Analysis (ICAP Trace)

Batch.....: 105110

| SD | Serial Dilution | | 222879-1 | | 12/19/2003 | 1300 |
|----|-----------------|--|----------|--|------------|------|
|----|-----------------|--|----------|--|------------|------|

| 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 | | |

Job Number.: 222879

QUALITY CONTROL RESULTS

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 |

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 12/22/2003

REPORT COMMENTS

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

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

Inorganic Qualifiers (Q-Column)

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

Inorganic Flags (Flag Column)

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

Organic Qualifiers (Q - Column)

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

Organic Flags (Flags Column)

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

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 12/22/2003

greater than 25%.

Abbreviations

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

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 12/22/2003

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

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

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

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

Report To:

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

Bill To:

Contact: Sandy Weeks
Company: (same)
Address: _____
Phone: _____
Fax: _____
PO#: _____ Quote: _____

Shaded Areas For Internal Use Only 1 of 1

Lab Lot# 222879

| | |
|--|--|
| Package Sealed Yes No | Samples Sealed Yes No |
| Received on Ice Yes No | Samples Intact Yes No |
| Temperature °C of Cooler <u>2.4</u> | |
| Within Hold Time Yes No | Preserv. Indicated Yes No <u>NA</u> |
| pH Check OK Yes No <u>NA</u> | Res Cl₂ Check OK Yes No <u>NA</u> |
| Sample Labels and COC Agree Yes No <u>NA</u> COC not present | |
| Additional Analyses / Remarks | |

| Sampler Name: <u>J. Donling</u> | | Project Name: <u>GSA Slot</u> | | Project Location: <u>St. Louis, Mo</u> | | Lab PM: <u>Eric Lung</u> | | Refr # | # / Cont. | Volume | Preserv | Matrix | Comp/Grab | | | | | | | | | | | |
|------------------------------------|--------|---------------------------------------|----------------|---|----------|--------------------------------|----------|--------|-----------|--------|---------|--------|-----------|--|--|--|--|--|--|--|--|--|--|--|
| (b) (6) | | Project Number: <u>02200070.19</u> | | Date Required | | Hard Copy: _____ Fax: _____ | | | | | | | | | | | | | | | | | | |
| Laboratory ID | MS-MSD | Client Sample ID | Sampling Date | Time | Matrix | Comp/Grab | Preserv | | | | | | | | | | | | | | | | | |
| <u>1</u> | | <u>SSI St. Vincent Park</u> | <u>12-4-03</u> | <u>8:35</u> | <u>S</u> | <u>G</u> | <u>X</u> | | | | | | | | | | | | | | | | | |
| <u>2</u> | | <u>SSI Army Reserves</u> | | <u>9:00</u> | <u>S</u> | <u>G</u> | <u>X</u> | | | | | | | | | | | | | | | | | |
| <u>3</u> | | <u>SSI Schnucks Plaza</u> | | <u>9:15</u> | <u>S</u> | <u>G</u> | <u>X</u> | | | | | | | | | | | | | | | | | |
| <u>4</u> | | <u>SSI Clara Street</u> | | <u>9:30</u> | <u>S</u> | <u>G</u> | <u>X</u> | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | |
|-------------------------|--------------------|---------------------|-------------------|---------|--------------------|---------------------|------------------|
| RELINQUISHED BY (b) (6) | COMPANY <u>SLS</u> | DATE <u>12-5-03</u> | TIME <u>10:50</u> | (b) (6) | COMPANY <u>SLS</u> | DATE <u>12-8-03</u> | TIME <u>8:00</u> |
| RELINQUISHED BY | COMPANY | DATE | TIME | | COMPANY | DATE | TIME |

Matrix Key

| | |
|--------------------|------------------|
| WW = Wastewater | SE = Sediment |
| W = Water | SO = Solid |
| S = Soil | DS = Drum Solid |
| SL = Sludge | DL = Drum Liquid |
| MS = Miscellaneous | L = Leachate |
| OL = Oil | WI = Wipe |
| A = Air | 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: FK Hand Delivered

Bill of Lading



STL

STL Chicago
2417 Bond Street
University Park, IL 60466

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

SEVERN TRENT LABORATORIES
ANALYTICAL REPORT

JOB NUMBER: 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

Date

1/28/04
STL Chicago
2417 Bond Street
University Park, IL 60466

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

This Report Contains (97) 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)

Diane L. Harper
Wet Chemistry Section Manager

Date 1-2-04

Severn Trent Laboratories - Chicago
METALS CASE NARRATIVE

Client: SCS Engineers, Inc.
Project: GSA - SLOP
STL#: 223218

Date Rec'd: 12/19/03

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)

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)

Louis Manzano
GC/MS VOA Dept.

1-2-07
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:

| <u>ID#</u> | <u>INSTRUMENT</u> | <u>COLUMN TYPE</u> | <u>DETECTOR</u> |
|------------|-------------------|--------------------|------------------|
| 07 | Varian 3400 | Rtx-5 | Electron Capture |
| 08 | Varian 3400 | Rtx-Clp2 | Electron Capture |

2. These soil 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)

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:

| <u>ID#</u> | <u>INSTRUMENT</u> | <u>COLUMN TYPE</u> | <u>DETECTOR</u> |
|------------|-------------------|--------------------|-----------------|
| 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.

S A M P L E I N F O R M A T I O N
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 |

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* | ND | | 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.

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.

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.

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.

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.

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.

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.

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.

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.

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: 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.

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 | 80.2 | | | 0.10 | 0.10 | 1 | % | 105971 | | 12/30/03 2040 | clb |
| | % Solids, Solid | 19.8 | | | 0.10 | 0.10 | 1 | % | 105971 | | 12/30/03 2040 | clb |
| | % Moisture, Solid | | | | | | | | | | | |
| 9045C | pH (Soil) | 9.3 | | | | 0.2 | 1 | pH Units | 106149 | | 01/02/04 1209 | nrr |
| 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.

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: 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.

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

Job Number: 223218

Date: 01/28/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: S823
 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.

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: 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.

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.

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.

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.

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.

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.

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.

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.

| 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.

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: SB27 Laboratory Sample ID: 223218-10
 Date Sampled.....: 12/17/2003 Date Received.....: 12/19/2003
 Time Sampled.....: 17:00 Time Received.....: 10:15
 Sample Matrix.....: Soil

| 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.

LABORATORY TEST RESULTS

Job Number: 223218

Date: 01/28/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

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

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

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

* In Description = Dry Wgt.

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY TEST RESULTS

Job Number: 223218

Date: 01/28/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

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

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

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

* In Description = Dry Wgt.

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.

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.

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 |
|-------------|-----------------------------------|---------------|---|-------|------|------|----------|-------|--------|----|---------------|------|
| Method | % Solids Determination | 83.3 | | | 0.10 | 0.10 | 1 | % | 105971 | | 12/30/03 2040 | clb |
| | % Solids, Solid | | | | | | | | | | | |
| | % 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.

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.

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.

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.

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 | 79.7 | | | 0.10 | 0.10 | 1 | % | 105971 | | 12/30/03 2040 | clb |
| | % Solids, Solid | | | | | | | | | | | |
| | % 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.

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 | | U | 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.

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.

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.

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

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.

LABORATORY TEST RESULTS

Job Number: 223218

Date: 01/28/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: S834
 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.

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 | | U | 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.

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.

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.

| 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 Organics | | | | | | | | | | | |
| | 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.

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 |
| | 1,1,1,2-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.

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.

| Job Number: 223218 | | LABORATORY TEST RESULTS | | | | | | | 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 |
| 60108 | 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.

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.

| LABORATORY TEST RESULTS | | | | | | | | | | | | |
|---|---|---------------|---|---------------------|------|--|----------|--------------------|--------|----|---------------|------|
| Job Number: 223218 | | | | | | | | 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 (ORO) 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.

| 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.

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 | 83.3 | | | 0.10 | 0.10 | 1 | % | 105972 | | 12/30/03 2040 | clb |
| | % Solids, 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 | | U | 30 | 200 | 10.0000 | ug/Kg | 105996 | | 12/30/03 0840 | mgk |

* 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: 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 | | U | 30 | 200 | 10.0000 | ug/Kg | 105996 | | 12/30/03 1230 | mgk |

* In Description = Dry Wgt.

| Job Number: 223218 | | LABORATORY CHRONICLE | | | | 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 | |

LABORATORY CHRONICLE

Job Number: 223218

Date: 01/28/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

| Lab ID: 223218-5 | Client ID: SB22 | Date Recvd: 12/19/2003 | Sample Date: 12/17/2003 | | | | |
|------------------|-------------------------------|------------------------|-------------------------|---------|------|--------------------|----------|
| METHOD | DESCRIPTION | RUN# | BATCH# | PREP BT | #(S) | DATE/TIME ANALYZED | DILUTION |
| 3050B | Acid Digestion: Solids (ICAP) | 1 | 105701 | | | 12/29/2003 1135 | |
| 7471A | Mercury (CVAA) Solids | 1 | 106028 | 106001 | | 12/31/2003 1520 | 2000 |
| 6010B | Metals Analysis (ICAP Trace) | 1 | 106021 | 105701 | | 12/31/2003 0233 | |
| 6010B | Metals Analysis (ICAP Trace) | 1 | 106131 | 105701 | | 01/01/2004 0207 | |
| 7470/7471 | SW846 Digestion (Hg) | 1 | 106001 | | | 12/31/2003 0925 | |
| 9045C | pH (Soil) | 1 | 106149 | 106149 | | 01/02/2004 1209 | |

| Lab ID: 223218-6 | Client ID: SB23 | Date Recvd: 12/19/2003 | Sample Date: 12/17/2003 | | | | |
|------------------|-------------------------------|------------------------|-------------------------|---------|------|--------------------|----------|
| METHOD | DESCRIPTION | RUN# | BATCH# | PREP BT | #(S) | DATE/TIME ANALYZED | DILUTION |
| Method | % Solids Determination | 1 | 105971 | | | 12/30/2003 2040 | |
| 8330 | 8330 Extraction (Explosives) | 1 | 105476 | | | 12/23/2003 1400 | |
| 3050B | Acid Digestion: Solids (ICAP) | 1 | 105701 | | | 12/29/2003 1135 | |
| 8330 | Explosives by 8330 (HPLC) | 1 | 105995 | 105476 | | 12/29/2003 2309 | 1.00000 |
| 3550B | Extraction Ultrasonic (PCBs) | 1 | 105538 | | | 12/25/2003 0900 | |
| 7471A | Mercury (CVAA) Solids | 1 | 106028 | 106001 | | 12/31/2003 1434 | |
| 6010B | Metals Analysis (ICAP Trace) | 1 | 106021 | 105701 | | 12/31/2003 0239 | |
| 6010B | Metals Analysis (ICAP Trace) | 1 | 106131 | 105701 | | 01/01/2004 0214 | |
| 8082 | PCB Analysis | 1 | 105996 | 105538 | | 12/29/2003 1935 | 1.00000 |
| 7470/7471 | SW846 Digestion (Hg) | 1 | 106001 | | | 12/31/2003 0925 | |

| Lab ID: 223218-7 | Client ID: SB24 | Date Recvd: 12/19/2003 | Sample Date: 12/17/2003 | | | | |
|------------------|---------------------------------------|------------------------|-------------------------|---------------|------|--------------------|----------|
| METHOD | DESCRIPTION | RUN# | BATCH# | PREP BT | #(S) | DATE/TIME ANALYZED | DILUTION |
| Method | % Solids Determination | 1 | 105971 | | | 12/30/2003 2040 | |
| 5030A | 5030 Purge & Trap of Methanol Extract | 1 | 105814 | | | 12/30/2003 0436 | |
| 5035 | 5035 Archon Closed Purge & Trap | 1 | 105634 | | | 12/26/2003 1843 | |
| 5035 | 5035 Preservation High (Methanol) | 1 | 105448 | | | 12/17/2003 1430 | |
| 5035 | 5035 Preservation Low | 1 | 105443 | | | 12/17/2003 1430 | |
| 8330 | 8330 Extraction (Explosives) | 1 | 105476 | | | 12/23/2003 1400 | |
| 3050B | Acid Digestion: Solids (ICAP) | 1 | 105701 | | | 12/29/2003 1135 | |
| 8330 | Explosives by 8330 (HPLC) | 1 | 105995 | 105476 | | 12/29/2003 2342 | 1.00000 |
| 3550B | Extraction Ultrasonic (PCBs) | 1 | 105538 | | | 12/25/2003 0900 | |
| 7471A | Mercury (CVAA) Solids | 1 | 106028 | 106001 | | 12/31/2003 1436 | |
| 6010B | Metals Analysis (ICAP Trace) | 1 | 106021 | 105701 | | 12/31/2003 0245 | |
| 6010B | Metals Analysis (ICAP Trace) | 1 | 106131 | 105701 | | 01/01/2004 0221 | |
| 8082 | PCB Analysis | 1 | 105996 | 105538 | | 12/29/2003 2113 | 1.00000 |
| 7470/7471 | SW846 Digestion (Hg) | 1 | 106001 | | | 12/31/2003 0925 | |
| 8260B | Volatile Organics | 1 | 106164 | 105443-105634 | | 12/26/2003 1843 | 1.00000 |

| Lab ID: 223218-8 | Client ID: SB25 | Date Recvd: 12/19/2003 | Sample Date: 12/17/2003 | | | | |
|------------------|-------------------------------|------------------------|-------------------------|---------|------|--------------------|----------|
| METHOD | DESCRIPTION | RUN# | BATCH# | PREP BT | #(S) | DATE/TIME ANALYZED | DILUTION |
| Method | % Solids Determination | 1 | 105971 | | | 12/30/2003 2040 | |
| 8330 | 8330 Extraction (Explosives) | 1 | 105476 | | | 12/23/2003 1400 | |
| 3050B | Acid Digestion: Solids (ICAP) | 1 | 105701 | | | 12/29/2003 1135 | |
| 8330 | Explosives by 8330 (HPLC) | 1 | 105995 | 105476 | | 12/30/2003 0014 | 1.00000 |
| 3550B | Extraction Ultrasonic (PCBs) | 1 | 105538 | | | 12/25/2003 0900 | |
| 7471A | Mercury (CVAA) Solids | 1 | 106028 | 106001 | | 12/31/2003 1438 | |
| 6010B | Metals Analysis (ICAP Trace) | 1 | 106021 | 105701 | | 12/31/2003 0252 | |
| 6010B | Metals Analysis (ICAP Trace) | 1 | 106131 | 105701 | | 01/01/2004 0228 | |
| 8082 | PCB Analysis | 1 | 105996 | 105538 | | 12/29/2003 2146 | 1.00000 |
| 7470/7471 | SW846 Digestion (Hg) | 1 | 106001 | | | 12/31/2003 0925 | |

| Lab ID: 223218-9 | Client ID: SB26 | Date Recvd: 12/19/2003 | Sample Date: 12/17/2003 | | | | |
|------------------|------------------------------|------------------------|-------------------------|---------|------|--------------------|----------|
| METHOD | DESCRIPTION | RUN# | BATCH# | PREP BT | #(S) | DATE/TIME ANALYZED | DILUTION |
| Method | % Solids Determination | 1 | 105971 | | | 12/30/2003 2040 | |
| 8330 | 8330 Extraction (Explosives) | 1 | 105476 | | | 12/23/2003 1400 | |

LABORATORY CHRONICLE

Job Number: 223218

Date: 01/28/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

| Lab ID: 223218-9 | | Client ID: SB26 | Date Recvd: 12/19/2003 | Sample Date: 12/17/2003 | | | |
|------------------|-------------------------------|-----------------|------------------------|-------------------------|------|--------------------|----------|
| METHOD | DESCRIPTION | RUN# | BATCH# | PREP BT | #(S) | DATE/TIME ANALYZED | DILUTION |
| 3050B | Acid Digestion: Solids (ICAP) | 1 | 105701 | | | 12/29/2003 1135 | |
| 8330 | Explosives by 8330 (HPLC) | 1 | 105995 | 105476 | | 12/30/2003 0047 | 1.00000 |
| 3550B | Extraction Ultrasonic (PCBs) | 1 | 105538 | | | 12/25/2003 0900 | |
| 7471A | Mercury (CVAA) Solids | 1 | 106028 | 106001 | | 12/31/2003 1440 | |
| 6010B | Metals Analysis (ICAP Trace) | 1 | 106021 | 105701 | | 12/31/2003 0258 | |
| 6010B | Metals Analysis (ICAP Trace) | 1 | 106131 | 105701 | | 01/01/2004 0234 | |
| 8082 | PCB Analysis | 1 | 105996 | 105538 | | 12/29/2003 2218 | 1.00000 |
| 7470/7471 | SW846 Digestion (Hg) | 1 | 106001 | | | 12/31/2003 0925 | |

| Lab ID: 223218-10 | | Client ID: SB27 | Date Recvd: 12/19/2003 | Sample Date: 12/17/2003 | | | |
|-------------------|-----------------------------------|-----------------|------------------------|-------------------------|------|--------------------|----------|
| METHOD | DESCRIPTION | RUN# | BATCH# | PREP BT | #(S) | DATE/TIME ANALYZED | DILUTION |
| Method | % Solids Determination | 1 | 105971 | | | 12/30/2003 2040 | |
| 3050B | Acid Digestion: Solids (ICAP) | 1 | 105701 | | | 12/29/2003 1135 | |
| 3541 | Extraction Soxhlet (DRO) | 1 | 105534 | | | 12/24/2003 1115 | |
| 3550B | Extraction Ultrasonic (PCBs) | 1 | 105538 | | | 12/25/2003 0900 | |
| 7471A | Mercury (CVAA) Solids | 1 | 106028 | 106001 | | 12/31/2003 1442 | |
| 6010B | Metals Analysis (ICAP Trace) | 1 | 106021 | 105701 | | 12/31/2003 0304 | |
| 6010B | Metals Analysis (ICAP Trace) | 1 | 106131 | 105701 | | 01/01/2004 0241 | |
| 8082 | PCB Analysis | 1 | 105996 | 105538 | | 12/29/2003 2251 | 1.00000 |
| 7470/7471 | SW846 Digestion (Hg) | 1 | 106001 | | | 12/31/2003 0925 | |
| 8015B MDRO | TPH - Diesel Range Organics (DRO) | 1 | 105934 | 105534 | | 12/29/2003 1556 | 1.00000 |

| Lab ID: 223218-11 | | Client ID: SB28 | Date Recvd: 12/19/2003 | Sample Date: 12/17/2003 | | | |
|-------------------|-------------------------------|-----------------|------------------------|-------------------------|------|--------------------|----------|
| METHOD | DESCRIPTION | RUN# | BATCH# | PREP BT | #(S) | DATE/TIME ANALYZED | DILUTION |
| Method | % Solids Determination | 1 | 105971 | | | 12/30/2003 2040 | |
| 8330 | 8330 Extraction (Explosives) | 1 | 105476 | | | 12/23/2003 1400 | |
| 3050B | Acid Digestion: Solids (ICAP) | 1 | 105701 | | | 12/29/2003 1135 | |
| 8330 | Explosives by 8330 (HPLC) | 1 | 105995 | 105476 | | 12/30/2003 0119 | 1.00000 |
| 3550B | Extraction Ultrasonic (PCBs) | 1 | 105538 | | | 12/25/2003 0900 | |
| 7471A | Mercury (CVAA) Solids | 1 | 106028 | 106001 | | 12/31/2003 1444 | |
| 6010B | Metals Analysis (ICAP Trace) | 1 | 106021 | 105701 | | 12/31/2003 0310 | |
| 6010B | Metals Analysis (ICAP Trace) | 1 | 106131 | 105701 | | 01/01/2004 0248 | |
| 8082 | PCB Analysis | 1 | 105996 | 105538 | | 12/29/2003 2356 | 1.00000 |
| 7470/7471 | SW846 Digestion (Hg) | 1 | 106001 | | | 12/31/2003 0925 | |

| Lab ID: 223218-12 | | Client ID: SB29 | Date Recvd: 12/19/2003 | Sample Date: 12/17/2003 | | | |
|-------------------|-------------------------------|-----------------|------------------------|-------------------------|------|--------------------|----------|
| METHOD | DESCRIPTION | RUN# | BATCH# | PREP BT | #(S) | DATE/TIME ANALYZED | DILUTION |
| Method | % Solids Determination | 1 | 105971 | | | 12/30/2003 2040 | |
| 8330 | 8330 Extraction (Explosives) | 1 | 105476 | | | 12/23/2003 1400 | |
| 3050B | Acid Digestion: Solids (ICAP) | 1 | 105701 | | | 12/29/2003 1135 | |
| 8330 | Explosives by 8330 (HPLC) | 1 | 105995 | 105476 | | 12/30/2003 0224 | 1.00000 |
| 3550B | Extraction Ultrasonic (PCBs) | 1 | 105538 | | | 12/25/2003 0900 | |
| 7471A | Mercury (CVAA) Solids | 1 | 106028 | 106001 | | 12/31/2003 1447 | |
| 6010B | Metals Analysis (ICAP Trace) | 1 | 106021 | 105701 | | 12/31/2003 0317 | |
| 6010B | Metals Analysis (ICAP Trace) | 1 | 106131 | 105701 | | 01/01/2004 0255 | |
| 8082 | PCB Analysis | 1 | 105996 | 105538 | | 12/30/2003 0029 | 1.00000 |
| 7470/7471 | SW846 Digestion (Hg) | 1 | 106001 | | | 12/31/2003 0925 | |

| Lab ID: 223218-13 | | Client ID: SB30 | Date Recvd: 12/19/2003 | Sample Date: 12/17/2003 | | | |
|-------------------|-------------------------------|-----------------|------------------------|-------------------------|------|--------------------|----------|
| METHOD | DESCRIPTION | RUN# | BATCH# | PREP BT | #(S) | DATE/TIME ANALYZED | DILUTION |
| Method | % Solids Determination | 1 | 105971 | | | 12/30/2003 2040 | |
| 8330 | 8330 Extraction (Explosives) | 1 | 105476 | | | 12/23/2003 1400 | |
| 3050B | Acid Digestion: Solids (ICAP) | 1 | 105701 | | | 12/29/2003 1135 | |
| 8330 | Explosives by 8330 (HPLC) | 1 | 105995 | 105476 | | 12/30/2003 0402 | 1.00000 |
| 3550B | Extraction Ultrasonic (PCBs) | 1 | 105538 | | | 12/25/2003 0900 | |

LABORATORY CHRONICLE

Job Number: 223218

Date: 01/28/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

| Lab ID: 223218-13 | | Client ID: SB30 | Date Recvd: 12/19/2003 | | Sample Date: 12/17/2003 | | |
|-------------------|------------------------------|-----------------|------------------------|---------|-------------------------|--------------------|----------|
| METHOD | DESCRIPTION | RUN# | BATCH# | PREP BT | #(S) | DATE/TIME ANALYZED | DILUTION |
| 7471A | Mercury (CVAA) Solids | 1 | 106028 | 106001 | | 12/31/2003 1453 | |
| 6010B | Metals Analysis (ICAP Trace) | 1 | 106021 | 105701 | | 12/31/2003 0323 | |
| 6010B | Metals Analysis (ICAP Trace) | 1 | 106131 | 105701 | | 01/01/2004 0301 | |
| 8082 | PCB Analysis | 1 | 105996 | 105538 | | 12/30/2003 0102 | 1.00000 |
| 7470/7471 | SW846 Digestion (Hg) | 1 | 106001 | | | 12/31/2003 0925 | |

| Lab ID: 223218-14 | | Client ID: SB31 | Date Recvd: 12/19/2003 | | Sample Date: 12/17/2003 | | |
|-------------------|-------------------------------|-----------------|------------------------|---------|-------------------------|--------------------|----------|
| METHOD | DESCRIPTION | RUN# | BATCH# | PREP BT | #(S) | DATE/TIME ANALYZED | DILUTION |
| Method | % Solids Determination | 1 | 105971 | | | 12/30/2003 2040 | |
| 8330 | 8330 Extraction (Explosives) | 1 | 105476 | | | 12/23/2003 1400 | |
| 3050B | Acid Digestion: Solids (ICAP) | 1 | 105701 | | | 12/29/2003 1135 | |
| 8330 | Explosives by 8330 (HPLC) | 1 | 105995 | 105476 | | 12/31/2003 0622 | 1.00000 |
| 3550B | Extraction Ultrasonic (PCBs) | 1 | 105538 | | | 12/25/2003 0900 | |
| 7471A | Mercury (CVAA) Solids | 1 | 106028 | 106001 | | 12/31/2003 1455 | |
| 6010B | Metals Analysis (ICAP Trace) | 1 | 106021 | 105701 | | 12/31/2003 0329 | |
| 6010B | Metals Analysis (ICAP Trace) | 1 | 106131 | 105701 | | 01/01/2004 0335 | |
| 8082 | PCB Analysis | 1 | 105996 | 105538 | | 12/30/2003 0135 | 1.00000 |
| 7470/7471 | SW846 Digestion (Hg) | 1 | 106001 | | | 12/31/2003 0925 | |

| Lab ID: 223218-15 | | Client ID: SB32 | Date Recvd: 12/19/2003 | | Sample Date: 12/17/2003 | | |
|-------------------|-------------------------------|-----------------|------------------------|---------|-------------------------|--------------------|----------|
| METHOD | DESCRIPTION | RUN# | BATCH# | PREP BT | #(S) | DATE/TIME ANALYZED | DILUTION |
| Method | % Solids Determination | 1 | 105971 | | | 12/30/2003 2040 | |
| 8330 | 8330 Extraction (Explosives) | 1 | 105476 | | | 12/23/2003 1400 | |
| 3050B | Acid Digestion: Solids (ICAP) | 1 | 105701 | | | 12/29/2003 1135 | |
| 8330 | Explosives by 8330 (HPLC) | 1 | 105995 | 105476 | | 12/30/2003 0507 | 1.00000 |
| 3550B | Extraction Ultrasonic (PCBs) | 1 | 105538 | | | 12/25/2003 0900 | |
| 7471A | Mercury (CVAA) Solids | 1 | 106028 | 106001 | | 12/31/2003 1457 | |
| 6010B | Metals Analysis (ICAP Trace) | 1 | 106021 | 105701 | | 12/31/2003 0406 | |
| 6010B | Metals Analysis (ICAP Trace) | 1 | 106131 | 105701 | | 01/01/2004 0342 | |
| 8082 | PCB Analysis | 1 | 105996 | 105538 | | 12/30/2003 0313 | 1.00000 |
| 7470/7471 | SW846 Digestion (Hg) | 1 | 106001 | | | 12/31/2003 0925 | |

| Lab ID: 223218-16 | | Client ID: SB33 | Date Recvd: 12/19/2003 | | Sample Date: 12/17/2003 | | |
|-------------------|-------------------------------|-----------------|------------------------|---------|-------------------------|--------------------|----------|
| METHOD | DESCRIPTION | RUN# | BATCH# | PREP BT | #(S) | DATE/TIME ANALYZED | DILUTION |
| Method | % Solids Determination | 1 | 105971 | | | 12/30/2003 2040 | |
| 8330 | 8330 Extraction (Explosives) | 1 | 105476 | | | 12/23/2003 1400 | |
| 3050B | Acid Digestion: Solids (ICAP) | 1 | 105701 | | | 12/29/2003 1135 | |
| 8330 | Explosives by 8330 (HPLC) | 1 | 105995 | 105476 | | 12/30/2003 0539 | 1.00000 |
| 3550B | Extraction Ultrasonic (PCBs) | 1 | 105538 | | | 12/25/2003 0900 | |
| 7471A | Mercury (CVAA) Solids | 1 | 106028 | 106001 | | 12/31/2003 1459 | |
| 6010B | Metals Analysis (ICAP Trace) | 1 | 106021 | 105701 | | 12/31/2003 0412 | |
| 6010B | Metals Analysis (ICAP Trace) | 1 | 106131 | 105701 | | 01/01/2004 0349 | |
| 8082 | PCB Analysis | 1 | 105996 | 105538 | | 12/30/2003 0346 | 1.00000 |
| 7470/7471 | SW846 Digestion (Hg) | 1 | 106001 | | | 12/31/2003 0925 | |

| Lab ID: 223218-17 | | Client ID: SB34 | Date Recvd: 12/19/2003 | | Sample Date: 12/17/2003 | | |
|-------------------|---------------------------------------|-----------------|------------------------|---------|-------------------------|--------------------|----------|
| METHOD | DESCRIPTION | RUN# | BATCH# | PREP BT | #(S) | DATE/TIME ANALYZED | DILUTION |
| Method | % Solids Determination | 1 | 105971 | | | 12/30/2003 2040 | |
| 5030A | 5030 Purge & Trap of Methanol Extract | 1 | 105814 | | | 12/30/2003 0459 | |
| 5035 | 5035 Archon Closed Purge & Trap | 1 | 105634 | | | 12/26/2003 1910 | |
| 5035 | 5035 Preservation High (Methanol) | 1 | 105448 | | | 12/17/2003 1345 | |
| 5035 | 5035 Preservation Low | 1 | 105443 | | | 12/17/2003 1345 | |
| 5035 | 5035 Preservation Low | 2 | 105443 | | | 12/17/2003 1345 | |
| 8330 | 8330 Extraction (Explosives) | 1 | 105476 | | | 12/23/2003 1400 | |
| 3050B | Acid Digestion: Solids (ICAP) | 1 | 105701 | | | 12/29/2003 1135 | |

LABORATORY CHRONICLE

Job Number: 223218

Date: 01/28/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

| Lab ID: 223218-17 Client ID: SB34 | | Date Recvd: 12/19/2003 | | | Sample Date: 12/17/2003 | | |
|-----------------------------------|------------------------------|------------------------|--------|---------------|-------------------------|----------|--|
| METHOD | DESCRIPTION | RUN# | BATCH# | PREP BT # | 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 # | 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 # | 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 # | 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 # | 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 # | DATE/TIME ANALYZED | DILUTION | |
| Method | % Solids Determination | 1 | 105972 | | 12/30/2003 2040 | | |

STL Chicago is part of Severn Trent Laboratories, Inc.

LABORATORY CHRONICLE

Job Number: 223218

Date: 01/28/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

| Lab ID: 223218-22 | Client ID: SB39 | Date Recvd: 12/19/2003 | Sample Date: 12/17/2003 | | | | | |
|-------------------|-----------------------------------|------------------------|-------------------------|---------|------|--------------------|----------|--|
| METHOD | DESCRIPTION | RUN# | BATCH# | PREP BT | #(S) | DATE/TIME ANALYZED | DILUTION | |
| 3541 | Extraction Soxhlet (DRO) | 1 | 105534 | | | 12/24/2003 1115 | | |
| 3550B | Extraction Ultrasonic (PCBs) | 1 | 105538 | | | 12/25/2003 0900 | | |
| 8082 | PCB Analysis | 1 | 105996 | 105538 | | 12/30/2003 0840 | 10.0000 | |
| 8015B MDRO | TPH - Diesel Range Organics (DRO) | 1 | 105934 | 105534 | | 12/30/2003 1003 | 1.00000 | |

| Lab ID: 223218-23 | Client ID: SB40 | Date Recvd: 12/19/2003 | Sample Date: 12/17/2003 | | | | | |
|-------------------|-----------------------------------|------------------------|-------------------------|---------|------|--------------------|----------|--|
| METHOD | DESCRIPTION | RUN# | BATCH# | PREP BT | #(S) | DATE/TIME ANALYZED | DILUTION | |
| Method | % Solids Determination | 1 | 105972 | | | 12/30/2003 2040 | | |
| 3541 | Extraction Soxhlet (DRO) | 1 | 105534 | | | 12/24/2003 1115 | | |
| 3550B | Extraction Ultrasonic (PCBs) | 1 | 105553 | | | 12/26/2003 0830 | | |
| 8082 | PCB Analysis | 1 | 105996 | 105553 | | 12/30/2003 1230 | 10.0000 | |
| 8015B MDRO | TPH - Diesel Range Organics (DRO) | 1 | 105934 | 105534 | | 12/30/2003 1120 | 1.00000 | |

STL Chicago is part of Severn Trent Laboratories, Inc.

| | | |
|---------------------|-----------------------------|--------------------------|
| Job Number.: 223218 | SURROGATE RECOVERIES REPORT | 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 |

STL Chicago is part of Severn Trent Laboratories, Inc.

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 |

STL Chicago is part of Severn Trent Laboratories, Inc.

| | | |
|---------------------|-----------------------------|--------------------------|
| Job Number.: 223218 | SURROGATE RECOVERIES REPORT | 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 | TOLDB |
|------------|----|-----------|------------|--------|--------|--------|-------|
| 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 |
| TOLDB | 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 | TOLDB |
|--------|----|-----------|------------|--------|--------|--------|-------|
| 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 |
| TOLDB | Toluene-d8 (surr) | 66 - 141 |

STL Chicago is part of Severn Trent Laboratories, Inc.

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)
Method Code...: 8330

Test Matrix...: Solid
Batch(s).....: 105995

Prep Batch...: 105476

| 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 |
|---------|-------------|------------|--------|-----------------|------|------|
|---------|-------------|------------|--------|-----------------|------|------|

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

Equipment Code....: INST0708
Batch.....: 105996

Analyst...: mgk

| | | | | | | |
|-----|---------------------------|------------|------------|--|------------|------|
| LCS | Laboratory Control Sample | 003LWLPCBA | 105538-002 | | 12/29/2003 | 1513 |
|-----|---------------------------|------------|------------|--|------------|------|

| 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 | |

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.....: 8082

Equipment Code....: INST0708

Analyst...: mgk

Method Description.: PCB Analysis

Batch.....: 105996

| | | | | | | |
|-----|---------------------------|------------|------------|--|------------|------|
| LCS | Laboratory Control Sample | 003LWLPCBA | 105553-002 | | 12/30/2003 | 1158 |
|-----|---------------------------|------------|------------|--|------------|------|

| 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 | |

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.....: B082

Equipment Code.....: INST0708

Analyst....: mgk

Method Description.: PCB Analysis

Batch.....: 105996

| | | | | | | |
|----|--------------|--|------------|--|------------|------|
| MB | Method Blank | | 105538-001 | | 12/29/2003 | 1440 |
|----|--------------|--|------------|--|------------|------|

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

QUALITY CONTROL RESULTS

Job Number.: 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.....: 8082
Method Description.: PCB Analysis

Equipment Code....: INST0708
Batch.....: 105996

Analyst...: mgk

| | | | | | | |
|----|--------------|--|------------|--|------------|------|
| MB | Method Blank | | 105553-001 | | 12/30/2003 | 1125 |
|----|--------------|--|------------|--|------------|------|

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

QUALITY CONTROL RESULTS

Job Number.: 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.....: 8082
Method Description.: PCB Analysis

Equipment Code....: INST0708
Batch.....: 105996

Analyst...: mgk

| | | | | | | |
|----|--------------|------------|----------|--|------------|------|
| MS | Matrix Spike | 003LWLPCBA | 223218-1 | | 12/29/2003 | 1619 |
|----|--------------|------------|----------|--|------------|------|

| 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 | |

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

Equipment Code.....: INST0708
Batch.....: 105996

Analyst...: mgk

| | | | | | | |
|-----|------------------------|------------|----------|--|------------|------|
| MSD | Matrix Spike Duplicate | 003LWLPCBA | 223218-1 | | 12/29/2003 | 1652 |
|-----|------------------------|------------|----------|--|------------|------|

| 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 4 | % 63-106 R 30 | |
| Aroclor 1260, Solid | ug/Kg | 148.002 | 142.732 | 206.500 | 3.091 | U 72 4 | % 68-105 R 30 | |

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.....: 8015B MDRO

Equipment Code....: INST10

Analyst....: mgk

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

Batch.....: 105934

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

| 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 | |

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.....: 8015B MDRO

Equipment Code.....: INST10

Analyst...: mgk

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

Batch.....: 105934

| | | | | | | |
|----|--------------|--|------------|--|------------|------|
| MB | Method Blank | | 105534-001 | | 12/29/2003 | 1203 |
|----|--------------|--|------------|--|------------|------|

| 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 | | | | | |

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 | |

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

Method Description.: Explosives by 8330 (HPLC)

Equipment Code....: INST43

Batch.....: 105995

Analyst...: san

| | | | | | | |
|----|--------------|--|------------|--|------------|------|
| MB | Method Blank | | 105476-001 | | 12/29/2003 | 2059 |
|----|--------------|--|------------|--|------------|------|

| 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 | | | | | |

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 | |

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

Method Description.: Explosives by 8330 (HPLC)

Equipment Code....: INST43

Batch.....: 105995

Analyst...: san

| | | | | | | |
|-----|------------------------|------------|-----------|--|------------|------|
| 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 | % 84-120 R 30 | |
| RDX, Solid | ug/Kg | 992.402 | 964.550 | 980.400 | 57.451 | U 101 5 | % 81-115 R 30 | |
| 1,3,5-Trinitrobenzene, Solid | ug/Kg | 825.392 | 859.900 | 980.400 | 17.157 | U 84 2 | % 77-114 R 30 | |
| 1,3-Dinitrobenzene, Solid | ug/Kg | 1055.000 | 1050.650 | 980.400 | 17.451 | U 108 3 | % 85-112 R 30 | |
| Nitrobenzene, Solid | ug/Kg | 1026.373 | 1023.900 | 980.400 | 21.765 | U 105 3 | % 86-112 R 30 | |
| 2,4,6-TNT, Solid | ug/Kg | 993.971 | 981.550 | 980.400 | 33.138 | U 101 3 | % 77-118 R 30 | |
| Tetryl, Solid | ug/Kg | 578.676 | 600.300 | 1961.000 | 42.549 | U 30 0 | % 35-132 R 30 | * |
| 2,4-Dinitrotoluene, Solid | ug/Kg | 1065.343 | 1080.650 | 980.400 | 34.902 | U 109 1 | % 81-121 R 30 | |
| 2,6-Dinitrotoluene, Solid | ug/Kg | 2076.177 | 2102.600 | 1961.000 | 46.569 | U 106 1 | % 84-114 R 30 | |
| 2-Amino-4,6-Dinitrotoluene, Solid | ug/Kg | 1992.892 | 1986.150 | 1961.000 | 35.294 | U 102 3 | % 83-113 R 30 | |
| 4-Amino-2,6-Dinitrotoluene, Solid | ug/Kg | 2342.794 | 2373.850 | 1961.000 | 95.295 | U 119 0 | % 80-131 R 30 | |
| 2-Nitrotoluene, Solid | ug/Kg | 1948.480 | 1911.600 | 1961.000 | 32.549 | U 99 3 | % 84-114 R 30 | |
| 4-Nitrotoluene, Solid | ug/Kg | 1883.088 | 1863.000 | 1961.000 | 45.687 | U 96 3 | % 82-112 R 30 | |
| 3-Nitrotoluene, Solid | ug/Kg | 1929.265 | 1902.100 | 1961.000 | 49.020 | U 98 3 | % 84-117 R 30 | |

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.....: 8260B

Equipment Code.....: GCL6

Analyst...: lm

Method Description.: Volatile Organics

Batch.....: 106164

| | | | | | | |
|-----|--------------------|--------|------------|--|------------|------|
| 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 |
|---------------------------------------|-------|-----------|-----------|------------|-------------|----------|----------|---|
| 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 | | | | | |

| | | |
|---------------------|-------------------------|--------------------------|
| Job Number.: 223218 | QUALITY CONTROL RESULTS | Report Date.: 01/28/2004 |
|---------------------|-------------------------|--------------------------|

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

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

| | | | | | | |
|-----|--------------------|--------|------------|--|------------|------|
| 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 | | | | | |

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.....: 8260B

Equipment Code.....: GCL6

Analyst....: lm

Method Description.: Volatile Organics

Batch.....: 106164

| | | | | | | |
|-----|----------|--------|------------|--|------------|------|
| 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 |
|---------------------------------------|-------|-----------|-----------|------------|-------------|----------|----------|---|
| 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 | | | | | |

| | | |
|---------------------|-------------------------|--------------------------|
| Job Number.: 223218 | QUALITY CONTROL RESULTS | Report Date.: 01/28/2004 |
|---------------------|-------------------------|--------------------------|

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

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

| | | | | | | |
|-----|----------|--------|------------|--|------------|------|
| 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 | | | | | |

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.....: 8260B

Equipment Code....: GCL6

Analyst....: lm

Method Description.: Volatile Organics

Batch.....: 106164

| 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 |
|---------------------------------------|-------|-----------|-----------|------------|-------------|----------|---|--------|---|
| 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 | |

| | | |
|---------------------|-------------------------|--------------------------|
| Job Number.: 223218 | QUALITY CONTROL RESULTS | Report Date.: 01/28/2004 |
|---------------------|-------------------------|--------------------------|

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

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

| | | | | | | |
|-----|---------------------------|-----------|------------|--|------------|------|
| 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 | |

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.....: 8260B

Method Description.: Volatile Organics

Equipment Code....: GCL6

Batch.....: 106164

Analyst....: lm

| | | | | | | |
|----|--------------|--|------------|--|------------|------|
| 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 |
|---------------------------------------|-------|-----------|-----------|------------|-------------|----------|----------|---|
| 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 | | | | | |

Job Number.: 223218

QUALITY CONTROL RESULTS

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN:

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

| | | | | | | |
|----|--------------|--|------------|--|------------|------|
| MB | Method Blank | | 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 | | | | | |

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 | |

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 IO | Dilution Factor | Date | Time |
|---------|-------------|------------|--------|-----------------|------|------|
|---------|-------------|------------|--------|-----------------|------|------|

Test Method.....: 6010B

Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP4

Batch.....: 106021

Analyst....: tds

| | | | | | | |
|----|--------------|--------|------------|--|------------|------|
| MB | Method Blank | 105701 | 105701-001 | | 12/31/2003 | 0103 |
|----|--------------|--------|------------|--|------------|------|

| 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 | | | | | |

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....: ICP4

Analyst....: tds

Method Description.: Metals Analysis (ICAP Trace)

Batch.....: 106021

| MD | Method Duplicate | | 223218-1 | | 12/31/2003 | 0127 |
|----|------------------|--|----------|--|------------|------|
|----|------------------|--|----------|--|------------|------|

| 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 | |

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.....: ICP4

Analyst....: tds

Method Description.: Metals Analysis (ICAP Trace)

Batch.....: 106021

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

| Parameter/Test Description | Units | QC Result | QC Result | True Value | Orig. Value | QC Calc. | * | Limits | F |
|----------------------------|-------|-----------|-----------|------------|-------------|----------|---|--------|---|
| Aluminum, Solid | mg/Kg | 21826.27 | | 241.80 | 14089.35 | 3200 | % | 75-125 | 4 |
| Antimony, Solid | mg/Kg | 19.69 | | 60.44 | 1.09 | U 33 | % | 75-125 | N |
| Arsenic, Solid | mg/Kg | 18.84 | | 12.09 | 5.49 | 110 | % | 75-125 | |
| Barium, Solid | mg/Kg | 361.83 | | 241.80 | 104.77 | 106 | % | 75-125 | |
| Beryllium, Solid | mg/Kg | 6.46 | | 6.04 | 0.86 | 93 | % | 75-125 | |
| Cadmium, Solid | mg/Kg | 4.53 | | 6.04 | 0.10 | U 75 | % | 75-125 | |
| Calcium, Solid | mg/Kg | 2944.89 | | 1209.00 | 1835.17 | 92 | % | 75-125 | |
| Chromium, Solid | mg/Kg | 45.62 | | 24.18 | 20.81 | 103 | % | 75-125 | |
| Cobalt, Solid | mg/Kg | 60.67 | | 60.44 | 5.13 | 92 | % | 75-125 | |
| Copper, Solid | mg/Kg | 44.14 | | 30.22 | 11.93 | 107 | % | 75-125 | |
| Iron, Solid | mg/Kg | 23149.64 | | 120.90 | 17313.38 | 4828 | % | 75-125 | 4 |
| Lead, Solid | mg/Kg | 21.53 | | 12.09 | 7.33 | 117 | % | 75-125 | |
| Magnesium, Solid | mg/Kg | 4535.76 | | 1209.00 | 2486.50 | 170 | % | 75-125 | N |
| Manganese, Solid | mg/Kg | 613.26 | | 60.44 | 255.86 | 591 | % | 75-125 | 4 |
| Nickel, Solid | mg/Kg | 69.51 | | 60.44 | 13.85 | 92 | % | 75-125 | |
| Selenium, Solid | mg/Kg | 9.01 | | 12.09 | 0.48 | U 75 | % | 75-125 | |
| Silver, Solid | mg/Kg | 5.07 | | 6.04 | 0.37 | U 84 | % | 75-125 | |
| Sodium, Solid | mg/Kg | 1321.83 | | 1209.00 | 221.95 | 91 | % | 75-125 | |
| Thallium, Solid | mg/Kg | 10.81 | | 12.09 | 0.80 | U 89 | % | 75-125 | |
| Zinc, Solid | mg/Kg | 97.18 | | 60.44 | 34.39 | 104 | % | 75-125 | |

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....: ICP4

Analyst....: tds

Method Description.: Metals Analysis (ICAP Trace)

Batch.....: 106021

| MSD | Matrix Spike Duplicate | M03LSPK002 | 223218-1 | | 12/31/2003 | 0140 |
|-----|------------------------|------------|----------|--|------------|------|
|-----|------------------------|------------|----------|--|------------|------|

| 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 45.4 | % 75-125 R 20 | 4 * |
| Antimony, Solid | mg/Kg | 22.91 | 19.69 | 58.91 | 1.06 | U 39 16.7 | % 75-125 R 20 | N |
| Arsenic, Solid | mg/Kg | 16.03 | 18.84 | 11.78 | 5.49 | 89 21.1 | % 75-125 R 20 | * |
| Barium, Solid | mg/Kg | 322.91 | 361.83 | 235.60 | 104.77 | 93 13.1 | % 75-125 R 20 | |
| Beryllium, Solid | mg/Kg | 6.12 | 6.46 | 5.89 | 0.86 | 89 4.4 | % 75-125 R 20 | |
| Cadmium, Solid | mg/Kg | 4.41 | 4.53 | 5.89 | 0.09 | U 75 0.0 | % 75-125 R 20 | |
| Calcium, Solid | mg/Kg | 2898.27 | 2944.89 | 1178.00 | 1835.17 | 90 2.2 | % 75-125 R 20 | |
| Chromium, Solid | mg/Kg | 46.71 | 45.62 | 23.56 | 20.81 | 110 6.6 | % 75-125 R 20 | |
| Cobalt, Solid | mg/Kg | 54.83 | 60.67 | 58.91 | 5.13 | 84 9.1 | % 75-125 R 20 | |
| Copper, Solid | mg/Kg | 39.00 | 44.14 | 29.45 | 11.93 | 92 15.1 | % 75-125 R 20 | |
| Iron, Solid | mg/Kg | 19985.89 | 23149.64 | 117.80 | 17313.38 | 2268 72.2 | % 75-125 R 20 | 4 * |
| Lead, Solid | mg/Kg | 19.15 | 21.53 | 11.78 | 7.33 | 100 15.7 | % 75-125 R 20 | |
| Magnesium, Solid | mg/Kg | 3858.29 | 4535.76 | 1178.00 | 2486.50 | 116 37.8 | % 75-125 R 20 | * |
| Manganese, Solid | mg/Kg | 397.53 | 613.26 | 58.91 | 255.86 | 240 84.5 | % 75-125 R 20 | 4 * |
| Nickel, Solid | mg/Kg | 64.78 | 69.51 | 58.91 | 13.85 | 86 6.7 | % 75-125 R 20 | |
| Selenium, Solid | mg/Kg | 9.34 | 9.01 | 11.78 | 0.47 | U 79 5.2 | % 75-125 R 20 | |
| Silver, Solid | mg/Kg | 4.86 | 5.07 | 5.89 | 0.37 | U 83 1.2 | % 75-125 R 20 | |
| Sodium, Solid | mg/Kg | 1254.17 | 1321.83 | 1178.00 | 221.95 | 88 3.4 | % 75-125 R 20 | |
| Thallium, Solid | mg/Kg | 10.77 | 10.81 | 11.78 | 0.78 | U 91 2.2 | % 75-125 R 20 | |
| Zinc, Solid | mg/Kg | 85.68 | 97.18 | 58.91 | 34.39 | 87 17.8 | % 75-125 R 20 | |

QUALITY CONTROL RESULTS

Job Number.: 223218

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN:

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

Test Method.....: 6010B

Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP4

Batch.....: 106021

Analyst...: tds

| SD | Serial Dilution | 223218-1 | 12/31/2003 | 0121 |
|----|-----------------|----------|------------|------|
|----|-----------------|----------|------------|------|

| 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 |

QUALITY CONTROL RESULTS

Job Number.: 223218

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN:

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

Test Method.....: 6010B

Method Description.: Metals Analysis (ICAP Trace)

Equipment Code....: ICP3

Batch.....: 106131

Analyst....: lmr

| LCS | Laboratory Control Sample | M03LSPK002 | 105701-002 | | 01/01/2004 | 0026 |
|-----|---------------------------|------------|------------|--|------------|------|
|-----|---------------------------|------------|------------|--|------------|------|

| Parameter/Test Description | Units | QC Result | QC Result | True Value | Orig. Value | QC Calc. | * | Limits | F |
|----------------------------|-------|-----------|-----------|------------|-------------|----------|---|--------|---|
| Potassium, Solid | mg/Kg | 816.41 | | 1000.00 | 13.80 | U 82 | % | 80-120 | |
| Vanadium, Solid | mg/Kg | 45.02 | | 50.00 | 0.21 | U 90 | % | 80-120 | |

| LCS | Laboratory Control Sample | M03LSPK002 | 105703-002 | | 01/01/2004 | 0519 |
|-----|---------------------------|------------|------------|--|------------|------|
|-----|---------------------------|------------|------------|--|------------|------|

| Parameter/Test Description | Units | QC Result | QC Result | True Value | Orig. Value | QC Calc. | * | Limits | F |
|----------------------------|-------|-----------|-----------|------------|-------------|----------|---|--------|---|
| Cadmium, Solid | mg/Kg | 4.52 | | 5.00 | 0.08 | U 90 | % | 80-120 | |
| Potassium, Solid | mg/Kg | 791.60 | | 1000.00 | 13.80 | U 79 | % | 80-120 | * |
| Vanadium, Solid | mg/Kg | 45.62 | | 50.00 | 0.21 | U 91 | % | 80-120 | |

Job Number.: 223218

QUALITY CONTROL RESULTS

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN:

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

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 | | | | | |

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.....: 6D10B

Equipment Code....: ICP3

Analyst...: lmr

Method Description.: Metals Analysis (ICAP Trace)

Batch.....: 106131

| MD | Method Duplicate | | 223218-1 | | 01/01/2004 | 0046 |
|----|------------------|--|----------|--|------------|------|
|----|------------------|--|----------|--|------------|------|

| 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 | |

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.....: 6010B

Equipment Code....: ICP3

Analyst...: lmr

Method Description.: Metals Analysis (ICAP Trace)

Batch.....: 106131

| | | | | | | |
|----|--------------|------------|----------|--|------------|------|
| MS | Matrix Spike | M03LSPK002 | 223218-1 | | 01/01/2004 | 0053 |
|----|--------------|------------|----------|--|------------|------|

| 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 | |

Job Number.: 223218

QUALITY CONTROL RESULTS

Report Date.: 01/28/2004

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN:

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

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 30.5 | % 75-125 R 20 | N * |
| Vanadium, Solid | mg/Kg | 93.37 | 100.41 | 58.91 | 32.18 | 104 8.3 | % 75-125 R 20 | |

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

| SD | Serial Dilution | 223218-1 | 01/01/2004 | 0040 |
|----|-----------------|----------|------------|------|
|----|-----------------|----------|------------|------|

| 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 | |

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 | | |

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 01/28/2004

REPORT COMMENTS

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

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

Inorganic Qualifiers (Q-Column)

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

Inorganic Flags (Flag Column)

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

Organic Qualifiers (Q - Column)

- U Analyte was not detected at or above the stated limit.
- NO Compound not detected.
- J Result is an estimated value below the reporting limit or a tentatively identified compound (TIC).
- Q Result was qualitatively confirmed, but not quantified.
- C Pesticide identification was confirmed by GC/MS.
- Y The chromatographic response resembles a typical fuel pattern.
- Z The chromatographic response does not resemble a typical fuel pattern.
- E Result exceeded calibration range, secondary dilution required.
- F AFCEE:Result is an estimated value below the reporting limit or a tentatively identified compound (TIC)

Organic Flags (Flags Column)

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

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 01/28/2004

greater than 25%.

Abbreviations

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

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 01/28/2004

RTW Retention Time Window Sample ID A 9 digit number unique for each sample, the first six digits are referred as the job number

SCB Seeded Control Blank

SD Serial Dilution (Calculated when sample concentration exceeds 50 times the MDL)

UCB Unseeded Control Blank

SSV Second Source Verification Standard

SLCS Solid Laboratory Control Standard(LCS)

PHC pH Calibration Check LCSP pH Laboratory Control Sample

LCDP pH Laboratory Control Sample Duplicate

MDPH pH Sample Duplicate

MDFP Flashpoint Sample Duplicate

LCFP Flashpoint LCS

G1 Gelex Check Standard Range 0-1

G2 Gelex Check Standard Range 1-10

G3 Gelex Check Standard Range 10-100

G4 Gelex Check Standard Range 100-1000

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

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