APPENDIX G

CONTAMINANT EXCEEDANCE SPREADSHEET

Building ID	Contaminant exceeding Standard	Sample ID	Sample Results	Standard Exceeded	Exposure Scenario Comments
102	PCB (wipe)	102FLOOR2WS	15 µg/cm^2	TSCA: 10 µg/cm^2	TSCA standard of 10 µg/cm^2 is for high density occupation and is considered to be a conservative value
102	Lead (wipe)	102CS ANNEALING WIPE, 102FLOOW1WS 1, 102FLOOR1WS 2	120 mg/Wipe, 8.5 mg/Wipe, & 4.6 mg/Wipe, respectively	MDNR (post abatement clearance level for non-residential standard on floor surfaces): 200 ug/ft^2 or ~ 1.85 mg/Wipe	Concentrations of lead in wipes are anticipated to be indicative of lead containing paint rather than surface particulate with elevated concentrations of contaminant
102	Copper (sediments)	102D SS-13, 102 SED-1	230,000 mg/Kg and 170,000 mg/Kg, respecively	MRBCA (non-residential with clayey soil scenario **and** construction worker scenario)	Possible exposure to maintenance personnel when working in the crawl space level
102	Arsenic (sediments)	102D SS-8, 102D SS-9, 102D SS-11, 102D SS-13, & 102D SS-14	17 mg/Kg, 570 mg/Kg, 200 mg/Kg, 30 mg/Kg, & 18 mg/Kg, respectively	MRBCA (non-residential with clayey soil scenario): 15.9 mg/Kg	Possible exposure to maintenance personnel when working in the crawl space level
102	Lead (sediments)	102D SS-8, 102D SS-10, 102D SS-11, 102D SS-13	2,100 mg/Kg, 1,100 mg/Kg, 880 mg/Kg, and 2,500 mg/Kg, respectively	MRBCA (non-residential with clayey soil scenario): 660 mg/Kg	Possible exposure to maintenance personnel when working in the crawl space level
102	Lead (shallow soils)	102CSSS103, 102CSSS104, 102CSSS106	2,900 mg/Kg, 2,300 mg/Kg, & 1,300 mg/Kg, respectively	MRBCA (non-residential with clayey soil scenario): 660 mg/Kg	Possible exposure to maintenance personnel when working in the crawl space level

Building ID	Contaminant exceeding Standard	Sample ID	Sample Results	Standard Exceeded	Exposure Scenario Comments
102	PAHs [benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, & dibenzo(a,h)anthracene] (shallow soils & sediments)	102D SS-8, 102D SS-9, 102D SS-10, 102D SS-11, 102D SS-13, 102D SS-14, 102CSSS104, 102CSSS106, 102CSSS108	Maximum PAH concentrations of 180,000 µg/Kg, 190,000 µg/Kg, 150,000 µg/Kg, 76,000 µg/Kg, & 24,000 µg/Kg	MRBCA (non-residential with clayey soil scenario)	Possible exposure to maintenance personnel when working in the crawl space level
102	PAHs [benzo(a)pyrene] (sediment)	102D SS-9	150,000 µg/Kg	MRBCA (construction worker scenario)	Possible exposure to maintenance personnel when working in the crawl space level
102D	Lead (wipe)	102D WIPE FLOOR 1	3.2 mgWipe	MDNR (post abatement clearance level for non-residential standard on floor surfaces): 200 ug/ft^2 or ~ 1.85 mg/Wipe	Concentrations of lead in wipes are anticipated to be indicative of lead containing paint rather than surface particulate with elevated concentrations of contaminant
102D	Arsenic (sediments)	102DCS CHEM FEED SED	46 mg/Kg	MRBCA (non-residential with clayey soil scenario): 15.9 mg/Kg	Possible exposure to maintenance personnel when working in the crawl space level
102D	Mercury (wipe)	102DCS CHEM FEED	33,000 µg/Wipe	MRBCA (construction worker scenario): 21,600 µg/Kg	Possible exposure to maintenance personnel when working in the crawl space level

Building ID	Contaminant exceeding Standard	Sample ID	Sample Results	Standard Exceeded	Exposure Scenario Comments
102E	Lead (wipe)	102ECSWS	82 mg/Wipe	MDNR (post abatement clearance level for non-residential standard on floor surfaces): 200 ug/ft^2 or ~ 1.85 mg/Wipe	Concentrations of lead in wipes are anticipated to be indicative of lead containing paint rather than surface particulate with elevated concentrations of contaminant
103	Lead (wipe)	103CSWS1, 103CSWS3, 103CWS1	6.8 mg/Wipe, 2 mg/Wipe, & 2.5 mg/Wipe, respectively	MDNR (post abatement clearance level for non-residential standard on floor surfaces): 200 ug/ft^2 or ~ 1.85 mg/Wipe	Concentrations of lead in wipes are anticipated to be indicative of lead containing paint rather than surface particulate with elevated concentrations of contaminant
103D	Lead (wipe)	103DCSWS1, 103DCSWS2, 103DWS1	13 mg/Wipe, 2.7 mg/Wipe, & 2.6 mg/Wipe, respectively	MDNR (post abatement clearance level for non-residential standard on floor surfaces): 200 ug/ft^2 or ~ 1.85 mg/Wipe	Concentrations of lead in wipes are anticipated to be indicative of lead containing paint rather than surface particulate with elevated concentrations of contaminant

Building ID	Contaminant exceeding Standard	Sample ID	Sample Results	Standard Exceeded	Exposure Scenario Comments
103E	Lead (wipe)	103ECSWS1, 103ECSWS2	33 mg/Wipe & 8.1 mg/Wipe, respectively	MDNR (post abatement clearance level for non-residential standard on floor surfaces): 200 ug/ft^2 or ~ 1.85 mg/Wipe	Concentrations of lead in wipes are anticipated to be indicative of lead containing paint rather than surface particulate with elevated concentrations of contaminant
104	Lead (wipe)	104CSWS1, 104CWS1, 104DWS1	2.5 mg/Wipe, 100 mg/Wipe, & 2 mg/Wipe, respectively	MDNR (post abatement clearance level for non-residential standard on floor surfaces): 200 ug/ft^2 or ~ 1.85 mg/Wipe	Concentrations of lead in wipes are anticipated to be indicative of lead containing paint rather than surface particulate with elevated concentrations of contaminant
104E (Child Care)	Lead (wipe)	104EWS1, 104EWS2	130 mg/Wipe & 2 mg/Wipe, respectively	MDNR (post abatement clearance level for non-residential standard on floor surfaces): 200 ug/ft^2 or ~ 1.85 mg/Wipe	Concentrations of lead in wipes are anticipated to be indicative of lead containing paint rather than surface particulate with elevated concentrations of contaminant
104E (Child Care)	Arsenic (shallow soils)	104ECSSS1	7.3 mg/Kg	MRBCA (residential with clayey soil scenario): 3.7 mg/Kg	No exposure to resident population anticipated based on contaminant location in shallow crawl space soils

Building ID	Contaminant exceeding Standard	Sample ID	Sample Results	Standard Exceeded	Exposure Scenario Comments
104E (Child Care)	Beryllium (shallow soils)	104ECSSS1	1.5 mg/Kg	MRBCA (residential with clayey soil scenario): 0.45 mg/Kg	No exposure to resident population anticipated based on contaminant location in shallow crawl space soils
Former 104K & 104L	Mercury (soil boring)	SB22	560 mg/Kg	MRBCA (construction worker scenario): 21.6 mg/Kg	No exposure to resident population based on depth of contaminant below paved parking lot
105	Lead (wipe)	105DCSWS2, 105WS1, 105WS2, 105WS3, 105WS5, 105WS7, 105WS9, 105WS10	Concentrations from 4.9 mg/Wipe to 38 mg/Wipe	MDNR (post abatement clearance level for non-residential standard on floor surfaces): 200 ug/ft^2 or ~ 1.85 mg/Wipe	Concentrations of lead in wipes are anticipated to be indicative of lead containing paint rather than surface particulate with elevated concentrations of contaminant
105	Arsenic (sediment)	105 SS-1	69 mg/Kg	MRBCA (non-residential with clayey soil scenario): 15.9 mg/Kg	Possible exposure to maintenance personnel when working in the crawl space level
105	Lead (sediment)	105 SS-1	16,000 mg/Kg	MRBCA (non-residential with clayey soil scenario): 660 mg/Kg	Possible exposure to maintenance personnel when working in the crawl space level

Building ID	Contaminant exceeding Standard	Sample ID	Sample Results	Standard Exceeded	Exposure Scenario Comments
105	PAHs [benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, & dibenzo(a,h)anthracene] (sediment)	105 SS-1	32,000 µg/Kg, 29,000 µg/Kg, 26,000 µg/Kg, & 6,300 µg/Kg, respectively	MRBCA (non-residential with clayey soil scenario)	Possible exposure to maintenance personnel when working in the crawl space level
105	SVOC [bis(2-ethylhexyl)phthalate (water)	105SUMPH2O	0.011 mg/L	MRBCA: 0.006 mg/L	Possible exposure to maintenance personnel when working in the crawl space level and potential minimal impact to non-resident population and environment
105E	Lead (wipe)	105EWS1, 105EWS2	8.4 mg/Wipe & 3.7 mg/Wipe, respectively	MDNR (post abatement clearance level for non-residential standard on floor surfaces): 200 ug/ft^2 or ~ 1.85 mg/Wipe	Concentrations of lead in wipes are anticipated to be indicative of lead containing paint rather than surface particulate with elevated concentrations of contaminant
105E	Arsenic (sediment)	105E SS-1	27 mg/Kg	MRBCA (non-residential with clayey soil scenario): 15.9 mg/Kg	Possible exposure to maintenance personnel when working in the crawl space level
105E	PAHs [benzo(a)pyrene] (soil borings)	105-3	3,700 µg/Kg	MRBCA (non-residential with clayey soil scenario): 2,110 µg/Kg	No exposure to resident population based on depth of contaminant below established vegetation

Building ID	Contaminant exceeding Standard	Sample ID	Sample Results	Standard Exceeded	Exposure Scenario Comments
105E	SVOC [bis(2-ethylhexyl)phthalate (water)	105ESUMP	0.023 mg/L	MRBCA: 0.006 mg/L	Possible exposure to maintenance personnel when working in the crawl space level and potential minimal impact to non-resident population and environment
105F	Lead (wipe)	105FWS1, 105FWS2	3.3 mg/Wipe & 5.7 mg/Wipe, respectively	MDNR (post abatement clearance level for non-residential standard on floor surfaces): 200 ug/ft^2 or ~ 1.85 mg/Wipe	Concentrations of lead in wipes are anticipated to be indicative of lead containing paint rather than surface particulate with elevated concentrations of contaminant
108A	PCB (soil borings)	SB126S-1	26,000 µg/Kg	MRBCA (construction worker with clayer soil scenario **and** non-residential with clayey soil scenario)	No exposure to resident population based on depth of contaminant below established vegetation and paved surfaces
108A	PCB (groundwater)	SB126	2.6 µg/L	MRBCA (lowest default scenario **and** residential scenario)	No exposure pathway
108B	PCB (groundwater)	SB133	0.62 µg/L	MRBCA (lowest default scenario **and** residential scenario)	No exposure pathway

Building ID	Contaminant exceeding Standard	Sample ID	Sample Results	Standard Exceeded	Exposure Scenario Comments
103F/112 (Cafeteria)	Lead (wipe)	112CSWS3, 112CSWS5, 112 WIPE 2 WOOD SHELF, 112 WIPE 17	9.3 mg/Wipe, 2.3 mg/Wipe, 2.7 mg/Wipe, & 7.9 mg/Wipe, respectively	MDNR (post abatement clearance level for non-residential standard on floor surfaces): 200 ug/ft^2 or ~ 1.85 mg/Wipe	Concentrations of lead in wipes are anticipated to be indicative of lead containing paint rather than surface particulate with elevated concentrations of contaminant
103F/112 (Cafeteria)	Mercury (sediment)	SS-12	22 mg/Kg	MRBCA (construction worker scenario): 21.6 mg/Kg	Possible exposure to maintenance personnel when working in the crawl space level
103F/112 (Cafeteria)	Antimony (sediments)	SS-8 & SS-18	21,000 mg/Kg & 10,000 mg/Kg, respectively	MRBCA (construction worker with clayey soil scenario **and** non-residential with clayey soil scenario)	Possible exposure to maintenance personnel when working in the crawl space level
103F/112 (Cafeteria)	Antimony (sediment)	SS-12	960 mg/Kg	MRBCA (non-residential with clayey soil scenario)	Possible exposure to maintenance personnel when working in the crawl space level
103F/112 (Cafeteria)	Arsenic (sediments)	SS-8, SS-12, and SS-18	560 mg/Kg, 31 mg/Kg, & 24 mg/Kg, respecively	MRBCA (non-residential with clayey soil scenario): 15.9 mg/Kg	Possible exposure to maintenance personnel when working in the crawl space level
103F/112 (Cafeteria)	Arsenic (shallow soils)	112 SS 27 (SHALLOW) & 112 SS 28 (SHALLOW)	28 mg/Kg & 20 mg/Kg, respectively	MRBCA (non-residential with clayey soil scenario): 15.9 mg/Kg	Possible exposure to maintenance personnel when working in the crawl space level

Building ID	Contaminant exceeding Standard	Sample ID	Sample Results	Standard Exceeded	Exposure Scenario Comments
103F/112 (Cafeteria)	Lead (sediments)	SS-8, SS-12, and SS-18	160,000 mg/Kg, 240,000 mg/Kg & 110,000 mg/Kg, respectively	MRBCA (non-residential with clayey soil scenario): 660 mg/Kg	Possible exposure to maintenance personnel when working in the crawl space level
103F/112 (Cafeteria)	Lead (shallow soils)	112CSSS4, 112CSSS5, SS-16 (SHALLOW), 112 SS 3 (SHALLOW), 112 SS 5 (SHALLOW), 112 SS 7 (SHALLOW), 112 SS 9 (SHALLOW), 112 SS 13 (SHALLOW), 112 SS 38 (SHALLOW), 112 SS 40 (SHALLOW), 112 SS 41 (SHALLOW), 112 SS 42 (SHALLOW), 112SS109	Ranged from 760 mg/Kg to 14,000 mg/Kg	MRBCA (non-residential with clayey soil scenario): 660 mg/Kg	Possible exposure to maintenance personnel when working in the crawl space level
103F/112 (Cafeteria)	PAHs [benzo(a)pyrene] (shallow soils)	112CSSS1	9,000 µg/Kg	MRBCA (non-residential with clayey soil scenario): 2,110 µg/Kg	Possible exposure to maintenance personnel when working in the crawl space level
Utility Tunnel	Lead (paint)	TUNNEL H20 PIPE PAINT	15,000 mg/Kg	HUD: 5,000 mg/Kg	Possible exposure to maintenance personnel when working in the crawl space level
Utility Tunnel	Arsenic (sediments)	TS-1, TUNNEL SUMP 1	16 mg/Kg & 34 mg/Kg, respectively	MRBCA (non-residential with clayey soil scenario): 15.9 mg/Kg	Possible exposure to maintenance personnel when working in the crawl space level

Building ID	Contaminant exceeding Standard	Sample ID	Sample Results	Standard Exceeded	Exposure Scenario Comments
Utility Tunnel	Lead (sediments)	TS-1, TUNNEL SUMP 1, E112T SED, 112 TUNNEL SED1 TS1, B112 TUNNEL S, B112 TUNNEL SED N, B112 T SED FAR SOUTH	Ranged from 1,800 mg/Kg to 8,300 mg/Kg	MRBCA (non-residential with clayey soil scenario): 660 mg/Kg	Possible exposure to maintenance personnel when working in the crawl space level
Utility Tunnel	Lead (water)	TW-3	0.14 mg/L	MRBCA (lowest default scenario): 0.015 mg/L	Possible exposure to maintenance personnel when working in the crawl space level and potential minimal impact to non-resident population and environment
Sewer System	Lead (sediment)	SI-4	1,900 mg/Kg	MRBCA (non-residential with clayey soil scenario): 660 mg/Kg	Possible exposure to maintenance personnel when working in the crawl space level

APPENDIX H

LABORATORY DATA QUALITY REVIEW AND DISCUSSION

DATA QUALITY

Data quality documentation provided by Severn Trent Laboratories was reviewed for conformance with guidelines established in *USEPA Contract Laboratory Program (CLP) National Functional Guidelines for Organic Data Review*, 1999, and *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review*, 2004. Since the data packages were not complete CLP packages, the following elements were reviewed: holding times, calibration verification, blanks, laboratory control samples (LCS) and laboratory control duplicates (LCD), and matrix spike (MS) and matrix spike duplicates (MSD). On the basis of this review, the overall quality of the data relative to the contaminants of concerns was acceptable, and laboratory qualification of the data was accepted. A few specific data quality issues are discussed below:

- The LCS/LCD percent recoveries and the relative percent differences were outside control limits for many of the explosive wipe samples in several of the data packages. There is no sample volume to re-extract on wipe samples, so the LCS/LCD results could not be corrected. Most of the compounds were only slightly outside control limits and/or were above the control limits. Three exceptions are particularly low recoveries noted for 2,4,6 trinitrotoluene (TNT), 1,3,5 trinitrobenzene (TNB), and tertyl in one or more of the following data packages: 211929, 219204, 211976, and 21964. Of these compounds, TNB and TNT are potential compounds of concern at the site that were detected in a number of wipe and sediment/soil samples. However, since the wipe samples were used for screening purposes, data were not further qualified on the basis of the wipe sample explosive LCS/LCD results. Detected concentrations of TNT and TNB in these samples are assumed to be estimated low.

- LCS percent recoveries were outside control limits for a few analytes and compounds in various data packages. However, the only contaminants of concern affected were Aroclor 1260 in data package 223259 and naphthalene in data package 249132. Since Aroclor 1260 recovery was slightly higher than the upper control limit, detected concentrations in the associated samples are assumed estimated high. Naphthalene recovery was below the control limit. It was not detected in the associated samples, but may be present.

- MS/MSD recoveries were outside control limits for a selected analytes and compounds in various data packages. However, with the exception of the explosive wipe samples discussed above, LCS/LCD results for the analytes and compounds of concern in these packages were generally within control limits. Two exceptions were Aroclor 1260 in data package 223259 and naphthalene in data package 249132, as discussed above. Data were not further qualified on the basis of the MS/MSD results.

- A few analytes and compounds were detected in method blanks in various data packages. However, the majority of these were either detected below the reporting

limit in the blank or also detected in the samples at more than ten times the concentration detected in the blank, so data were not further qualified as a result. Copper was detected in the method blank for data package 223220, and the results in three samples in this package that were below ten times the blank concentration are considered non-detect.

- Some metal serial dilutions were outside control limits, but these were not considered significant, and data were not further qualified as a result.

- The holding time was exceeded for the mercury analysis on one sample (104EPAINT). The concentration of mercury detected in the sample is considered estimated low.

Some surrogate recoveries in selected samples for SVOC and PCB analyses were outside control limits. A few of these were the result of sample dilution. Data were not further qualified as the result of the surrogate recoveries.

Lab Report 211929 (09/26/2002): Metals, PCBs, Explosives

Samples received by the laboratory were extracted and analyzed within applicable holding times.

Metals: Initial and continuing calibration verification percent recoveries as reported were within method-specific control limits. No analytes were detected in the method blank, except for calcium and zinc. However, calcium and zinc were detected in the samples at concentrations greater than ten times the level detected in the method blanks. Percent recoveries within the LCS were within control limits. Serial dilution analyses were within control limits except for potassium and zinc in sample Bldg105EWS1.

PCBs: No Aroclors were detected in the method blanks and all surrogate recoveries were within control limits. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines on both columns. Percent recoveries in the LCS and LCD were all within control limits and the relative percent differences were less than 20 percent.

Explosives: Surrogate recovery was within control limits and no analytes were detected in the method blank. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines.

There were numerous percent recoveries in the LCS/LCD that were outside control limits including HMX, RDX, 1,3,5-Trinitrobenzene, 1,3-Dinitrobenzene, 2,4,6-TNT, Tetryl, 2-Amino-4,6-Dinitrotoluene, 4-Amino-4,6-Dinitrotoluene, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, and 4-Nitrotoluene. Most of these however, were just outside the control limits. The exceptions are 2,4,6-TNT with LCS/LCD recoveries of 0% and 33%, respectively; Tetryl with LCS/LCD recoveries of 9% and 0%, respectively; and 1,3,5-Trinitrobenzene, with LCS/LCD recoveries of 74% and 54%, respectively. The relative

percent difference between the LCS/LCD recoveries was less than 20 percent except for 1,3,5-Trinitrobenzene (31%), 2,4,6-TNT (200%), and Tetryl (200%).

Lab Report 211927 (09/26/2002): Metals, PCBs, Explosives, Semivolatile Organics, and VOCs

Samples received by the laboratory were extracted and analyzed within applicable holding times.

Metals: Except for iron, no analytes were detected in the method blanks. Iron was not detected during reanalysis. Percent recoveries in the laboratory control sample (LCS) were within control limits. Duplicate analyses conducted for sample 105-1 had relative percent differences of less than 20 percent except for barium (23%) and calcium (67.5%).

Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for sample 105-1 were within control limits except for antimony (MS/MSD), barium (MS/MSD), chromium (MSD), lead (MS/MSD), potassium (MS/MSD), and zinc (MSD). Aluminum (29.2%), barium (102%), chromium (46.2%), iron (173.9%), lead (195.8%), manganese (212.1%), and zinc (46.6%) had MS/MSD relative percent differences of greater than 20 percent.

Serial dilution analysis for sample 105-1 was outside control limits for 12 of the 21 metals.

Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines. All initial and continuing calibration blanks were within control limits except for calcium in batch 63630. Calcium was detected in the samples at concentrations greater than ten times the level detected in the continuing calibration blanks, therefore, reanalysis was not conducted.

PCBs: No Aroclors were detected in the method blanks and all surrogate recoveries were within control limits. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines. Percent recoveries in the laboratory control sample (LCS) were all within control limits. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for 105-1 were within control limits and relative percent differences were less than 20 percent.

Explosives: No analytes were detected in the method blank. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines. All surrogate recoveries were within control limits. The percent recoveries in the LCS were within control limits. MS/MSD analyses on sample 105-1 were within control limits except for 4-Amino-2,6-Dinitrotoluene. All relative percent differences were less than 30 percent.

Semivolatile Organics: No analytes were detected in the method blanks and all surrogate recoveries were within control limits except for sample 105-3 which was diluted. The percent recoveries in the LCS were within control limits except for Benzidine (0% recovery) in batch 62700. The percent recoveries in the LCS/LCD were within control limits for batch 63295 except for Cabazole (LCD recovery of 107%). All LCS/LCD relative percent differences were less than 20 percent.

Several analytes had MS/MSD recoveries outside control limits for sample 105-3. Twelve analytes were outside MS control limits and 16 were outside MSD control limits. Twenty-four analytes had MS/MSD relative percent differences greater than 20 percent.

Volatile Organics: The method, extraction, and dilution blanks were below the reporting limits and surrogate recoveries were within control limits. The percent recoveries in the LCS were within control limits with the exception of Dichlorodifluoromehane in batch 62817; and Dibromochloromethane, 1,1,1,2-Tetrachloroethane, and Bromoform in batch 63292.

Lab Report 211977 (09/26/2002): Metals, PCBs, Explosives, Semivolatile Organics, and VOCs

Samples received by the laboratory were extracted and analyzed within applicable holding times.

Metals: Except for zinc, no analytes were detected in the method blanks. Percent recoveries in the laboratory control sample (LCS) and laboratory control sample duplicates (LCD) were within control limits. Duplicate analyses conducted for zinc in sample 105SUMPH2O, and sodium and mercury in 105DCSSS1 were within control limits. Duplicate analyses conducted on sample 105DCSSS1 were within required percent differences except for lead (41.2%).

Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for zinc in sample 105SUMPH2O, sodium in sample 105DCSSS1, cyanide in samples 105FSUMP and 105DCSSS1, phosphorous in samples105SUMPH2O and 105DCSSS1, and mercury in sample 105DCSSS1 were within control limits. MS/MSD recoveries in sample 211977-16 were outside control limits for antimony (MS/MSD), arsenic (MSD), barium (MSD), chromium (MSD), selenium (MSD), vanadium (MSD), and zinc (MSD). Aluminum, antimony, arsenic, barium, copper, iron, lead, magnesium, manganese, and zinc had MS/MSD relative percent differences of greater than 20 percent. Serial dilution analysis for sample 105SUMPH2O (zinc) and sample 105DCSSS1 (sodium) were within control limits. Serial dilution analyses for sample 105DCSSS1 were outside control limits for zinc.

Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines except for lead (107%) and calcium in an initial calibration blank (105.8 ug/L).

PCBs: No Aroclors were detected in the method blanks and all surrogate recoveries were within control limits. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines, except for Aroclor 1260 in the primary column. Percent recoveries in the laboratory control sample (LCS) and laboratory control sample duplicate (LCD) were all within control limits. The relative percent difference between the LCS and the LCD was within 20 percent. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for 105DCSSS1 were outside control limits for both Aroclor 1016 (MS 63%) and Aroclor 1260 (MS 61%, MSD 66%). Relative percent differences were less than 20 percent.

Explosives: No analytes were detected in the method blank. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines. All surrogate recoveries were within control limits. The percent recoveries in the LCS/LCD were within control limits and relative percent differences were less than 20 percent. MS/MSD analyses on sample 105DCSSS1 were within control limits and relative percent differences were less than 30 percent.

Semivolatile Organics: No analytes were detected in the method blanks and all surrogate recoveries were within control limits. The percent recoveries in the LCS/LCD were within control limits and relative percent differences were less than 20 percent. MS/MSD recoveries for sample 105DCSSS1 were within control limits except for 2,4-Dinotrophenol (MS 20%, MSD 26%), 4,6-Dinitro-2-methylphenol (MS 23%, MSD 30%), Benzoic acid (MSD 38%), and Benzidine (MSD 0%). Relative percent differences were less than 20 percent except for 2,4-Dinotrophenol (26%), 4,6-Dinitro-2-methylphenol (26%), and Benzidine (200%).

Volatile Organics: The method blanks were below the reporting limits and surrogate recoveries were within control limits. The percent recoveries in the LCS were within control limits with the exception of Dichlorodifluoromethane and Vinyl chloride in Batch 63494-022, and Isopropylbenzene in Batch 63220-017. Matrix spike analyses for sample 105DCSSS1 were outside control limits for several analytes, including: Dichlorodifluoromethane, Acetone, Methyl-tert-butyl-ether (MTBE), 2-Butanone, 4-Methyl-2-pentanone, 2-Hexanone, Styrene, Isopropylbenzene, 1,1,2,2-Tetrachloroethane, and 1,2-Dibromo-3-chloropropane.

Lab Report 211976 (09/27/2002): Metals, PCBs, and Explosives

Samples received by the laboratory were extracted and analyzed within applicable holding times.

Metals: No analytes were detected in the method blank and percent recoveries in the laboratory control sample (LCS) were within control limits. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines.

PCBs: No analytes were detected in the method blank, and percent recoveries in the laboratory control sample (LCS) and laboratory control sample duplicate (LCD) were all within control limits. The relative percent difference between the LCS and the LCD was within 20 percent. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines.

Explosives: No analytes were detected in the method blank. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines. With the exception of one sample, which had a recovery of 158% (1,2-DNB), all surrogate recoveries were within control limits. The percent recoveries in the LCS were within control limits with the exception of 1,3,5 Trinitrobenzene (53%), 2,4,6-TNT (44%), Tetryl (0%), and 4-Amino-2,6-Dinitrotoluene (157%). The LCD recoveries were within control limits with the exception of 2,4,6-TNT (63%), Tetryl (1%), and 4-Amino-2,6-Dinitrotoluene (168%). The relative percent difference between the LCS and the LCD was within 20 percent except for Tetryl (200%), 2,4,6-TNT (37%), and. 1,3,5 Trinitrobenzene (52%).

Lab Report 219164 (08/13/2003): Metals; PCBs; Explosives; Semivolatile Organics; and Cyanide, pH, and Phosphorus

Samples received by the laboratory were extracted and analyzed within applicable holding times.

Metals: Initial and continuing calibration verification percent recoveries as reported were within method-specific control limits. No analytes were detected in the method blanks except for calcium and lead; however, they were detected in the samples at concentrations greater than ten times the level detected in the method blanks. Percent recoveries within the LCS were within control limits. Serial dilution analyses were within control limits for 102D elevator shaft sample.

PCBs: No Aroclors were detected in the method blanks and all surrogate recoveries were within control limits except for sample 102DCS CHEM FEED SED, which did not allow recovery due to dilution. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines on both columns. Percent recoveries in the LCS and LCD were all within control limits and the relative percent differences were less than 30 percent.

Explosives: No analytes were detected in the method blank. All surrogate recoveries were within control limits except for sample 102D WIPE FLOOR 1, which had a 1,2-DNB recovery of 65 percent. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines except for RDX on the primary column. RDX was not detected, however, in those samples. LCS and LCD analyses were performed on two batches. The majority of percent recoveries (9 of 14 analytes) in the LCS/LCD for Batch 91652 were outside control limits. The percent recoveries in the LCS/LCD for Batch 90909 were within control limits except for 1,3,5-

Trinitrobenzene (31%, 33%), 2,4,6-TNT (16%, 13%), and Tetryl (15%, 10%). Except for Tetryl (39%), all relative percent differences were within 30 percent.

Semivolatile Organics: No analytes were detected in the method blank. All surrogate recoveries were within control limits except for the sample 102D CORNER SPILL which was diluted and allowed no surrogate recovery. The percent recoveries in the LCS were within control limits with the exception of Benzoic Acid (169%), 2,4-Dinitrophenol (36%), and Benzidine (0%).

Cyanide, pH, and Phosphorus: The method blanks were less than the reporting limits. The percent recoveries for the LCS were within control limits. The percent recoveries for MS/MSD for phosphorus in sample 102CS ANNEALING SED were within control limits. However, the MS for cyanide in sample 102D CORNER SPILL was outside control limits (128%). The lab stated that this spike was less than ¼ of the sample concentration and was not expected to be within acceptance limits.

Lab Report 219204 (08/13/2003): Metals, PCBs, Explosives, Semivolatile Organics, and VOCs

Samples received by the laboratory were extracted and analyzed within applicable holding times.

Metals: Initial and continuing calibration verification percent recoveries as reported were within method-specific control limits. No analytes were detected in the method blanks except for calcium and lead; however, they were detected in the samples at concentrations greater than ten times the level detected in the method blanks. Percent recoveries within the LCS were within control limits. Duplicate analyses conducted on 102ECSSOIL were within the 20 percent relative percent difference, except for barium (41.2%), calcium (43.2%), cobalt (36.1%), lead (59.6%), and manganese (53.9%). Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for 102ECSSOIL were all within control limits except for antimony, arsenic, barium, lead, magnesium, and potassium, and selenium. Calcium and lead had MS/MSD relative percent differences of greater than 20 percent. Serial dilution analyses were all outside control limits for sample 102ECSSOIL.

PCBs: No Aroclors were detected in the method blanks and all surrogate recoveries were within control limits except for samples that required dilution (102FLOOR2WS, 103CSWS3, 104CSWS1, 102CSCONCRETE BASIN, 104CSSS1, 104CSPIPE, and 104CSSS3). Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines. Percent recoveries in the laboratory control sample (LCS) were all within control limits. LCD recoveries were within control limits and the relative percent differences were less than 30 percent. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for 104CSWS1 were outside control limits (no recovery) due to dilution.

Explosives: No analytes were detected in the method blanks and all surrogate recoveries were within control limits. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines except for RDX on the primary column. RDX was not detected, however, in those samples. LCS and LCD analyses were performed on four batches. All LCS recoveries were within control limits for Batch 91101. The majority of percent recoveries (9 of 14 analytes) in the LCS/LCD for Batch 91352 were outside control limits. The percent recoveries in the LCS/LCD for Batch 91652 were outside control limits for 11 of 14 analytes. Three analyte recoveries were outside control limits for LCS/LCD for Batch 90909. Since these were wipe samples, there was no sample volume to re-extract. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for sample 103CSSOIL3 were all within control limits and all relative percent differences were less than 30%.

Semivolatile Organics: No analytes were detected in the method blank. All surrogate recoveries were within control limits except for the sample 103CSSSOIL2, which had a 30% recovery of 2-Fluorophenol. Additionally, sample 102CSCONCRETE BASIN was diluted and allowed no surrogate recovery. The percent recoveries in the LCS were within control limits with the exception of Benzoic Acid (169%), 2,4-Dinitrophenol (36%), and Benzidine (0%).

There were several percent recoveries in the MS/MSD that were outside control limits for sample103CSSSOIL4. Those analytes outside the MS control limits include: Benzyl alcohol (0%), Benzoic acid (212%), 4-Chloroaniline (11%), 3-Nitroaniline (25%), 2,4-Dinitrophenol (35%), 4,6-Dinitro-2-methylphenol (61%), Benzidine (0%), and 3,3-Dichlorobenzidine (0%). Those outside the MSD control limits include: Benzyl alcohol (0%), Benzoic acid (256%), 4-Chloroaniline (4%), 2,4,6-Trichlorophenol (55%), 3-Nitroaniline (20%), 2,4-Dinitrophenol (31%), 4,6-Dinitro-2-methylphenol (59%), Benzidine (0%), and 3,3-Dichlorobenzidine (0%). Except for 2,4-Dimethylphenol (86%), 4-Chloroaniline (93%), 3-Nitroaniline (22%), all relative percent differences between the MS and MSD were less than 20 percent.

VOCs: Except for Trichlorofluoromethane (5.04 ug/Kg) in one dilution blank, no analytes were detected in the method, extraction, or dilution blanks. There was insufficient volume to rerun the analysis. All surrogate recoveries were within control limits except for Dibromofluoromethane (147%) in sample 102CSCONCRETE BASIN. The percent recoveries in the LCS/LCD were within control limits and all relative percent differences were less than 20 percent.

Lab Report 219240 (08/13/2003): Metals, PCBs, Explosives, Semivolatile Organics, and VOCs

Samples received by the laboratory were extracted and analyzed within applicable holding times.

Metals: Initial and continuing calibration verification percent recoveries as reported were within method-specific control limits. No analytes were detected in the method

blanks except for calcium, however, it was detected in the samples at concentrations greater than ten times the level detected in the method blank. Percent recoveries within the LCS were within control limits. Duplicate analyses conducted on 104FCSSS1 were within the 20 percent relative percent difference, except for barium (30.9%), calcium (57.9%), cobalt (36.3%), copper (65.8%), lead (181.8%), magnesium (28.4%), and nickel (59.6%).

Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for 104FCSSS1 were all within control limits except for antimony (MS/MSD), copper (MS/MSD), lead (MS/SD), magnesium (MS), and zinc (MS/MSD). Barium, copper, iron, magnesium, and zinc had MS/MSD relative percent differences of greater than 20 percent. Serial dilution analyses for sample 104FCSSS1 were outside control limits for barium, calcium, chromium, cobalt, iron, magnesium, manganese, and zinc. Serial dilution analyses for sample 104FCSWS were outside control limits for calcium, potassium, and sodium.

PCBs: No Aroclors were detected in the method blanks. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines. All surrogate recoveries were within control limits except for TCX recovery in the LCS/LCD sample for prep batch 91046 and for samples that required dilution (112CSSS1, 112CSSS3, 112CSSS4, and 112CSSS5). Percent recoveries in the laboratory control sample (LCS) were all within control limits. LCD recoveries were within control limits and the relative percent differences were less than 30 percent. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for 104FCSSS1 were outside control limits for Aroclor 1260 (MS 108%). Relative percent differences were less than 30 percent.

Explosives: No analytes were detected in the method blanks and all surrogate recoveries were within control limits. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines.

LCS and LCD analyses were performed on three batches. All LCS recoveries were within control limits for Batch 92586. The majority of percent recoveries (9 of 14 analytes) in the LCS/LCD for Batch 92628 were outside control limits. The relative percent differences for this batch were within 30 percent, except for Tetryl (200%). The percent recoveries in the LCS/LCD for Batch 92633 were outside control limits for 11 of 14 analytes. Except for Tetryl (66%), the relative percent differences for this batch were less than 30 percent.

Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for sample 112CSSS1 were all within control limits except for RDX, 2,4,6-TNT, 4-Amino-2,6-Dinitrotoluene, and 3-Nitrotoluene, and Nitrobenzene. All relative percent differences were less than 30 percent except for 2,4,6-TNT and 2-Nitrotoluene.

Semivolatile Organics: No analytes were detected in the method blank. All surrogate recoveries were within control limits except for the sample 103ECSSS2, which had a 1% recovery of 2,4,6-Tribromophenol and sample 112CSSS1, which had a 18% recovery 2-

Fluorophenol. Additionally, sample 112CSS1 was diluted and allowed no surrogate recovery. The percent recoveries in the LCS were within control limits with the exception of Dimethyl Phthalate (36%), and Benzidine (0%).

VOCs: Except for Trichlorofluoromethane (5.04 ug/Kg) in one dilution blank, no analytes were detected in the method, extraction, or dilution blanks. All surrogate recoveries were within control limits. The percent recoveries in the LCS/LCD were within control limits and all relative percent differences were less than 20 percent.

Lab Report 219725 (08/18/2003): Metals (Silver)

Samples received by the laboratory were analyzed within applicable holding times. Initial and continuing calibration verification percent recoveries as reported were within method-specific control limits and silver was not detected in the method blank. The LCS value was within the 80 – 120% control limits. Duplicate analysis was within limits. Matrix spike (MS) recovery was within the 50 – 150% control limit.

Lab Report 220008 (09/03/2003): Metals (Mercury)

Samples received by the laboratory were not analyzed within applicable holding times. Mercury was detected in the sample (2.3 mg/Kg), so the sample was not rejected due to the exceeded holding time. This result is considered estimated low. Initial and continuing calibration verification percent recoveries as reported were within method-specific control limits and mercury was not detected in the method blank. The LCS value was within the 80 – 120% control limits.

Lab Report 223164 (12/31/2003): Metals and PCBs

Samples received by the laboratory were extracted and analyzed within applicable holding times.

Metals: Initial and continuing calibration verification percent recoveries as reported were within method-specific control limits. No analytes were detected in the method blank; except for calcium, which was greater than the method detection limit, but less than the reporting limit. Percent recoveries in the LCS were within control limits. Duplicate analyses conducted on SS-1 (shallow) were within the 20 percent relative percent difference, except for cobalt (46.2%), lead (172.5%), and zinc (73.3%). Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for SS-1 and SS-14 (deep) were all within control limits except for antimony and zinc. All relative percent differences were less than 20 percent except for iron (33.5%) and zinc (104.9%). Serial dilution analysis was within control limits except for lead and zinc in SS-1.

PCBs: No Aroclors were detected in the method blanks and all surrogate recoveries were within control limits except for TCX in samples SS-16 (shallow) (36%) SS-18 (118%) and DCB in sample SS-18 (130%). Additionally, sample SS-17 was diluted so both DCB and TCX could not be recovered.

Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines, except for Aroclor 1016 in the primary column. However, target compounds were not detected in these samples.

Percent recoveries in the laboratory control sample (LCS) were all within control limits. LCD recoveries were within control limits and the relative percent differences were less than 30 percent. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for SS-1 (deep) were all within control limits and all relative percent differences were less than 30 percent. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for SS-18 were outside control limits for both Aroclor 1016 and Aroclor 1260, however, the relative percent differences were less than 30 percent.

Lab Report 222879 (12/22/2003): Metals

Samples received by the laboratory were extracted and analyzed within applicable holding times.

Metals: Initial and continuing calibration verification percent recoveries as reported were within method-specific control limits. No analytes were detected in the method blank. The method duplicate analyses for sample SS1 ST. VINCENT PARK were within required relative percent differences except for calcium (43.2%). All LCS recoveries were within control limits. Matrix spike (MS) and/or matrix spike duplicate (MSD) recoveries for sample SS1 ST. VINCENT PARK were outside control limits for antimony, magnesium, and potassium. The relative percent difference between the MS and the MSD was within 20 percent except for aluminum (33.8%), iron (108.8%), and manganese (71%). Serial dilution analysis was within control limits, except for zinc.

Lab Report 223219 (01/07/2004): Metals, PCBs, Explosives, Semivolatile Organics, and VOCs

Samples received by the laboratory were extracted and analyzed within applicable holding times.

Metals: Initial and continuing calibration verification percent recoveries as reported were within method-specific control limits. No analytes were detected in the method blanks except for copper and iron in prep batch 105950. The iron concentrations found in the samples were greater than ten times that detected in the method blank, so no reanalysis was conducted. The samples that were less than ten times the method blank concentration for copper were reanalyzed.

Percent recoveries within the LCS were within control limits except for potassium. Duplicate analyses conducted on 102D SS-12 were within the 20 percent relative percent difference, except for barium (90.5%), copper (50.1%), iron (22.4%), and lead (52.3%). Duplicate analyses conducted on 102D SS-1 SHALLOW were within the 20 percent relative percent difference, except for calcium (40.0%), and magnesium (28.9%).

Duplicate analyses conducted on 102D SS-13 were within the 20 percent relative percent difference, except for antimony (33.4%), and zinc (25.3%).

Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for 102 SS-12 were all within control limits. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for 102D SS-1 SHALLOW were all within control limits except for antimony, magnesium, and potassium. Aluminum, calcium, iron, and magnesium had MS/MSD relative percent differences of greater than 20 percent. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for sample 102D SS-13 were all within control limits except for aluminum, arsenic, cadmium, magnesium, nickel, and thallium. MS/MSD relative percent differences were greater than 20 percent for aluminum, arsenic, chromium, lead, magnesium, manganese, nickel, selenium, silver, and sodium. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for 102D SS-1 DEEP (mercury) were within control limits with a relative percent difference of less than 20 percent.

Serial dilution analyses for sample 102 SS-12 were within control limits. Serial dilution analyses for sample 102D SS-1 SHALLOW were outside control limits for cobalt, magnesium, manganese, and zinc. Serial dilution analyses for sample 102D SS-13 were outside control limits for copper and lead.

PCBs: No Aroclors were detected in the method blanks. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines. All surrogate recoveries were within control limits except for TCX recovery in samples 102D SS-9 and 105 SS-1 and both DCB and TCX recovery in sample 102D SS-10. Additionally, sample 102D SS-8 required dilution and surrogate recovery was not possible. Percent recoveries in the laboratory control sample (LCS) were all within control limits. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for 223219-1 were outside control limits for Aroclor 1260 (MS 109%). Relative percent differences were less than 30 percent.

Explosives: No analytes were detected in the method blanks and all surrogate recoveries were within control limits. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines. All LCS recoveries were within control limits. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for sample 102D SS-1 DEEP were all within control limits with all relative percent differences less than 30 percent.

Semivolatile Organics: No analytes were detected in the method blanks. All surrogate recoveries were within control limits except for 2,4,6-Tribromophenol recovery in samples 102D SS-13 (and its subsequent dilutions) and 102D SS-12, 2-Fluorobiphenyl in sample 102D SS-14, 2-2-Fluorophenyl in sample 102D SS-12, Phenol-d5 in 102D SS-12, and Terphenyl-d14 in sample102D SS-12. Additionally, sample 105 SS-1 was diluted and allowed no surrogate recovery. The percent recoveries in the LCS were within control limits with the exception of Benzoic acid and Hexachlorocyclopentadiene. LCD percent recoveries were within control limits except for Hexachlorocyclopentadiene.

LCS/LCD relative percent differences were less than 20 percent except for Benzoic acid (86%), Benzidine (52%), and Benzo(k)fluoroanthene (31%).

VOCs: No analytes were detected in the method blanks. All surrogate recoveries were within control limits. The percent recoveries in the LCS were within control limits except for Bromomethane, Chloroethane, Trichlorofluoromethane, 1,2,4-Trimethylbenzene, n-Butylbenzene, and 1,2,3-Trichlorobenzene.

Lab Report 223220 (01/09/2004): Metals, PCBs, Explosives

Samples received by the laboratory were extracted and analyzed within applicable holding times.

Metals: Initial and continuing calibration verification percent recoveries as reported were within method-specific control limits. No analytes were detected in the method blank, except for calcium, copper, and iron. Except for copper, all sample concentrations were greater than ten times the level detected in the method blanks; reanalysis was not required. Copper results in samples 6, 8, and 9 were less than ten times the method blank, but redigestion and reanalysis could not be performed on the wipes. LCS values were within control limits except for potassium (76%).

PCBs: No Aroclors were detected in the method blanks and all surrogate recoveries were within control limits except for DCB in sample 110WS-2 (29%) and sample 108B WS-2 (21%). Additionally, sample 102 SED-1 was diluted so both DCB and TCX could not be recovered. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines, except for Aroclor 1260 in one column. However, target compounds were not identified in samples associated with that particular verification. Percent recoveries in the laboratory control sample (LCS) were all within control limits except for Aroclor 1260 (110%). LCD recoveries were within control limits and the relative percent differences were less than 30 percent.

Explosives: Surrogate recovery was within control limits and no analytes were detected in the method blank. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines. LCS values were within method-specific control limits. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for sample TS-1 were all within control limits and all relative percent differences were less than 30%.

Lab Report 223218 (01/28/2004): Metals, PCBs, Explosives, VOCs, Hydrocarbons, and pH

Samples received by the laboratory were extracted and analyzed within applicable holding times.

Metals: Initial and continuing calibration verification percent recoveries as reported were within method-specific control limits. No analytes were detected in the method

blanks. Duplicate analyses were within the required relative percent difference (20%) except for cobalt (84.6%), copper (21.3%), lead (41.4%), and manganese (82.8%). Percent recoveries within the LCS were within control limits of 80% - 120% except for potassium (79%). Serial dilution analyses were within control limits for sample SB18 except for zinc.

Matrix spike (MS) recoveries were outside control limits for antimony, magnesium, mercury, and potassium in sample SB18; MSD recoveries were outside control limits for antimony and potassium. The relative percent difference between the MS and the MSD was within 20 percent except for aluminum (45.4%), arsenic (21.1%), iron (72.2%), magnesium (37.8%), manganese (84.5%), mercury (61.4%), and potassium (30.5%).

PCBs: No Aroclors were detected in the method blanks and all surrogate recoveries were within control limits. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines on both columns. Percent recoveries in the LCS were within control limits. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for sample SB18 were within control limits and the relative percent difference was less than 30 percent.

Explosives: No analytes were detected in the method blank. All surrogate recoveries were within control limits. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines. Percent recoveries in the LCS were within control limits. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for sample SBSS23 were within control limits and the relative percent difference was less than 30 percent, except for Tetryl, which had a 30% recovery for both.

VOCs: No analytes were detected in the method, extraction, or dilution blanks. All surrogate recoveries were within control limits. The percent recoveries in the LCS were within control limits.

Hydrocarbons: The method blank was below the reporting limits for DRO and surrogate recoveries were within control limits. LCS values were within method-specific control limits.

pH: The absolute difference in pH for the duplicate was high at 0.23.

Lab Report 223259 (01/28/2004): Metals, PCBs, Hydrocarbons (DRO/GRO), Semivolatile Organics, Explosives

Samples received by the laboratory were extracted and analyzed within applicable holding times.

Metals: Initial and continuing calibration verification percent recoveries as reported were within method-specific control limits. No analytes were detected in the method blank except for calcium and iron; however, sample concentrations were greater than ten

times the level detected in the method blanks, reanalysis was not required. The relative percent differences for the duplicate analyses of sample 104 RRTRACK SUBGRD were within 20 percent, except for cobalt. LCS values were within control limits, except for potassium (76%). Matrix spike (MS) and/or matrix spike duplicate (MSD) recoveries for sample 104 RRTRACK SUBGRD were outside control limits for antimony, calcium, and lead. The relative percent difference between the MS and the MSD was within 20 percent except for calcium (26.2%), and iron (127.8%). Serial dilution analysis was within control limits.

PCBs: No Aroclors were detected in the method blanks and all surrogate recoveries were within control limits. Percent recoveries in the laboratory control sample (LCS) and laboratory control sample duplicate (LCD) were all within control limits, except for Aroclor 1260 (110%). The relative percent difference between the LCS and the LCD was within 30 percent. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines, except for Aroclor 1260 in one column. However, target compounds were not identified in samples associated with that particular verification and a second column was used.

Hydrocarbons: The method blanks were below the reporting limits for DRO and GRO and surrogate recoveries were within control limits. LCS values were within method-specific control limits. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for sample SB41 were outside control limits for DRO (124%); the relative percent difference was less than 30%. Initial and continuing calibration verification percent recoveries as reported were within method-specific control limits.

Semivolatile Organics: All surrogate recoveries were within control limits and no analytes were detected in the method blank. The percent recoveries in the LCS were within control limits with the exception of 1,2,4-Trichlorobenzene (159%), 2,6-Dinitrotoluene (55%), and 4-Bromophenyl phenyl ether (60%). The LCD recoveries were within control limits with the exception of n-Nitrosodiphenylamine (59%). The relative percent difference between the LCS and the LCD was within 20 percent except for 2-Methylnaphthalene (49%), 2,6-Dinitrotoluene (47%), 4-Bromophenyl phenyl ether (37%), Hexachlorobenzene (21%), Diethyl phthalate (40%), and n-Nitrosodiphenylamine (28%).

Explosives: Surrogate recovery was within control limits and no analytes were detected in the method blank. LCS values were within method-specific control limits. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for sample SI-1 were outside control limits for Tetryl (MS 9%, MSD 7%), 4-Amino-2,6-Dinitrotoluene (MS 165%, MSD 166%). All relative percent differences were less than 30%.

Lab Report 223146 (01/28/2004): Metals, PCBs, Hydrocarbons (DRO/GRO), VOCs, Semivolatile Organics, Explosives

Samples received by the laboratory were extracted and analyzed within applicable holding times.

Metals: Initial and continuing calibration verification percent recoveries as reported were within method-specific control limits. No analytes were detected in the method blank, except for calcium; which was greater than the method detection limit, but less than the reporting limit. The relative percent differences for the duplicate analyses for sample SB15-SB16 were within 20 percent, except for barium (49.6%), chromium (20.6%), cobalt (20.6%), and manganese (51.9%). LCS values were within control limits. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for sample SB15-SB16 were outside control limits for antimony and magnesium; MSD recoveries were outside control limits for lead and manganese. The relative percent difference between the MS and the MSD was within 20 percent except for aluminum (32.9%), iron (103.5%), lead (31.3%), manganese (157.9%), and sodium (33%). Serial dilution analysis was within control limits.

PCBs: No Aroclors were detected in the method blanks and all surrogate recoveries were within control limits except for TCX (122%) and DCB (133%). Percent recoveries in the laboratory control sample (LCS) were all within control limits. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines.

Hydrocarbons: The method blanks were below the reporting limits for DRO and GRO and surrogate recoveries were within control limits. LCS values were within method-specific control limits. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries were conducted for GRO (sample SB17) and were within control limits with a relative percent difference of less than 30%. Initial and continuing calibration verification percent recoveries as reported were within method-specific control limits.

Semivolatile Organics: All surrogate recoveries were within control limits and no analytes were detected in the method blank. The percent recoveries in the LCS were within control limits with the exception of 3-Nitroaniline (115%).

Volatile Organics: The method blanks were below the reporting limits and surrogate recoveries were within control limits. The percent recoveries in the LCS were within control limits with the exception of 4-Methyl-2-pentanone (65%), 2-Hexanone (68%), n-Butylbenzene (121%), and 1,2,3-Trichlorobenzene (121%).

Explosives: Surrogate recovery was within control limits and no analytes were detected in the method blank. LCS values were within method-specific control limits. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for sample SB7 were all within control limits and all relative percent differences were less than 30%.

Lab Report 225741 (04/22/2004): Metals, Hydrocarbons

Samples received by the laboratory were extracted and analyzed within applicable holding times.

Metals: Initial and continuing calibration verification percent recoveries as reported were within method-specific control limits. No analytes were detected in the method blank except for calcium, however, sample concentrations were greater than ten times the level detected in the method blanks. LCS values were within control limits.

Hydrocarbons: The method blanks were below the reporting limits for DRO and GRO and surrogate recoveries were within control limits. LCS values were within method-specific control limits.

Lab Report 225738 (04/23/2004): Metals, PCBs, and Semivolatile Organics,

Samples received by the laboratory were extracted and analyzed within applicable holding times.

Metals: Initial and continuing calibration verification percent recoveries as reported were within method-specific control limits. No analytes were detected in the method blank except for iron, however, sample concentrations were greater than ten times the level detected in the method blank. The relative percent differences for the duplicate analyses for sample 112 SS 27 (SHALLOW) were within 20 percent, except for lead (22.6%). LCS values were within control limits.

Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for sample 112 SS 27 (SHALLOW) were outside control limits for antimony (34%), arsenic (56%), lead (-6%), and potassium (141%); MSD recoveries were outside control limits for antimony (32%), lead (-17%) and potassium (134%). The relative percent difference between the MS and the MSD was within 20 percent except for arsenic (68.2%), iron (82.2%), and manganese (46.9%).

Serial dilution analysis was within control limits except for aluminum, calcium, chromium, iron, lead, magnesium, manganese, nickel, and zinc.

PCBs: No Aroclors were detected in the method blanks and all surrogate recoveries were within control limits except for TCX (14%) and DCB (15%) in sample PCB WIPE TUNNEL 104F. The sample was reanalyzed with similar results. Percent recoveries in the LCS/LCD were all within control limits with relative percent differences of less than 30 percent. Matrix spike (MS) recoveries for sample 112 SS 30 (SHALLOW) were outside control limits for Aroclor 1260 (139%). Matrix spike duplicate (MSD) recoveries were within control limits, however, the relative percent difference for Aroclor 1260 was 49%. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines.

Hydrocarbons: The method blanks were below the reporting limits for DRO and GRO and surrogate recoveries were within control limits. LCS values were within method-specific control limits. Initial and continuing calibration verification percent recoveries as reported were within method-specific control limits.

Semivolatile Organics: All surrogate recoveries were within control limits and no analytes were detected in the method blank. The percent recoveries in the LCS were within control limits.

Lab Report 225739 (04/23/2004): Metals, PCBs, and Semivolatile Organics,

Samples received by the laboratory were extracted and analyzed within applicable holding times.

Metals: Initial and continuing calibration verification percent recoveries as reported were within method-specific control limits. No analytes were detected in the method blanks. Percent recoveries within the LCS were within control limits of 80% - 120%. Duplicate analyses for sample 112 SS 39 (SHALLOW) were within the required relative percent difference. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries were conducted for samples 112 SS 39 (SHALLOW) and 112 SAMPLE 47 REMELT ROOM. Both were within control limits except for lead (MS 47%, MSD 151%). Relative percent differences of greater than 20% were experienced for lead (105.1%). Serial dilution analysis was within control limits for sample 112 SS 39 (SHALLOW).

PCBs: No Aroclors were detected in the method blanks. All surrogate recoveries were within control limits except for DCB (133%) in sample 112 SS 36 (SHALLOW). Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines on both columns. Percent recoveries in the LCS/LCD were within control limits with relative percent differences of less than 30 percent.

Semivolatile Organics: All surrogate recoveries were within control limits and no analytes were detected in the method blank. The percent recoveries in the LCS were within control limits. There were several percent recoveries in the MS/MSD that were outside control limits for sample 102D S-3 (DEEP). Those analytes outside the MS control limits include: 4,6-Dinitro-2-methylphenol (65%) and Benzidine (6%). Those outside the MSD control limits include: 1,3-Dichlorobenzene (40%), 1,4-Dichlorobenzene (43%), 1,2-Dichlorobenzene (47%), Hexachloroethane (40%), 1,2,4-Trichlorobenzene (52%), Hexachlorobutadiene (46%), and Benzidine (7%). All relative percent differences between the MS and MSD were less than 20 percent.

Lab Report 225740 (04/26/2004): Metals and PCBs

Samples received by the laboratory were extracted and analyzed within applicable holding times.

Metals: Initial and continuing calibration verification percent recoveries as reported were within method-specific control limits. No analytes were detected in the method blank except for calcium; however, it was detected in the samples at concentrations greater than ten times the level detected in the method blank. Percent recoveries within the LCS were within control limits of 80% - 120%. Duplicate analyses were within the

required relative percent difference (20%) except for iron (22.2%) in sample 112 VAULT 3 SED.SAMPLE and lead (50.4%) in sample 112 SS 13 (SHALLOW). Matrix spike (MS) and matrix spike duplicate (MSD) recoveries were conducted for sample 112 VAULT 3 SED.SAMPLE and were within control limits except for calcium (MS 183%) and magnesium (MSD 128%). Relative percent differences of greater than 20% were experienced for aluminum, calcium, and iron.

PCBs: No Aroclors were detected in the method blanks and all surrogate recoveries were within control limits. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines on both columns. Percent recoveries in the LCS were within control limits. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries were conducted for sample 112 SS 17 (DEEP). MSD recoveries were outside control limits for Aroclor 1016 (62%). Relative percent differences were within 30 percent.

Lab Report 228707 (08/05/2004): Metals and PCBs

Samples received by the laboratory were extracted and analyzed within applicable holding times.

Metals: Initial and continuing calibration verification percent recoveries as reported were within method-specific control limits. No analytes were detected in the method blanks. Duplicate analyses were within the required relative percent difference (20%) except for copper (23.4%) and lead (51.3%). Percent recoveries within the LCS were within control limits of 80% - 120%. Matrix spike (MS) recoveries were outside control limits for antimony and lead in sample 112SS101; MSD recoveries were outside control limits for antimony, copper, and lead. Except for antimony, the relative percent difference between the MS and the MSD were outside the 20 percent control limits.

PCBs: No Aroclors were detected in the method blanks and all surrogate recoveries were within control limits. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines on both columns. Percent recoveries in the LCS were within control limits.

Lab Report 230049 (09/23/2004): Metals

Samples received by the laboratory were extracted and analyzed within applicable holding times. Initial and continuing calibration verification percent recoveries as reported were within method-specific control limits. No analytes were detected in the method blanks. Percent recoveries within the LCS were within control limits of 80% - 120%. Matrix spike (MS) and MSD recoveries were outside control limits for antimony in sample 112SS201. The relative percent difference between the MS and the MSD were within the 20 percent control limits. Duplicate analyses conducted on sample 112SS201 were within control limits. Serial dilution analyses conducted on sample112SS201 were within control limits.

Lab Report 233070 (01/12/2005): Semivolatile Organics

Samples received by the laboratory were extracted and analyzed within applicable holding times. No analytes were detected in the method blank. All surrogate recoveries were within control limits except for the sample 112SS304 which had a recovery of 123% for 2-Fluoroiphenyl. The percent recoveries in the LCS/LCD were within control limits with the exception of Benzidine (LCS 0%, LCD 1%) and 4,6-Dinitro-2-methylphenol (LCS 60%, LCD 65%). All relative percent differences were less than 20 percent.

There were numerous percent recoveries in the MS/MSD that were outside control limits for sample 112SS304. Those analytes outside the MS control limits include: 2-Chlorophenol, Benzoic Acid, 2,4-Dichlorophenol, 2,4,6-Trichlorophenol, 2,4,5-Trichlorophenol, Hexachlorocyclopentadiene, 2-Chloronaphthalene, 4-Chloro-3-methylphenol,2,6-Dinitrotoluene, Dimethyl phthalate, 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 4-Nitrophenol, 4-Bromophenyl phenyl ether, Hexachlorobenzene, Diethyl phthalate, 4-Chlrorophenyl phenyl ether, Pentachlorophenol, n-Nitrosodiphenylamine, 4,6-Dinitro-2-methylphenol, Phenanthrene, Carbazole, Benzidine, Fluoranthene, Butyl benzyl phthalate, Benzo(a)anthracene, Benzo(b)fluoranthene, and Benzo(a)pyrene. Those outside the MSD control limits include: 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, 2,2-oxybis (1-chloropropane), Hexachloroethane, 2-Nitroanaline, 4-Bromophenyl phenyl ether, Hexachlorobenzene, Phenanthrene, Benzidine, Pyrene, Ideno(1,2,3-cd)pyrene, and Benzo(ghi)perylene. Only 11 of the 67 analytes had MS/MSD relative percent differences of less than 20 percent.

Lab Report 248531 (09/21/2006): Mercury, PCBs, and Hydrocarbons

Samples received by the laboratory were extracted and analyzed within applicable holding times.

Mercury: Initial and continuing calibration verification percent recoveries as reported were within method-specific control limits. Mercury was not detected in the method blanks. Percent recoveries within the LCS were within control limits of 80% - 120%.

PCBs: No Aroclors were detected in the method blanks and all surrogate recoveries were within control limits, except for sample SB1115-1 with a 145% recovery of DBC. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines on both columns. Percent recoveries in the LCS were within control limits.

Hydrocarbons: The method blanks were below the reporting limits for DRO and GRO and surrogate recoveries were within control limits. LCS values were within method-specific control limits. DRO Matrix spike (MS) and matrix spike duplicate (MSD) recoveries were conducted for sample SB1185-2 and were outside control limits with a relative percent difference of greater than 30%. MS/MSD analyses were not conducted for GRO.

Lab Report 248554 (09/25/2006): PCBs and Hydrocarbons

Samples received by the laboratory were extracted and analyzed within applicable holding times.

PCBs: No Aroclors were detected in the method blanks and all surrogate recoveries were within control limits, except for sample SB1265-4 with a 56% recovery of DBC, sample SB1295-1 with a DBC recovery of 140%, and sample SB1265-1, which did not allow recovery due to dilution. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines on both columns. Percent recoveries in the LCS/LCD were within control limits with a relative percent difference of less than 20 percent. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries were conducted for sample SB1315-1; recoveries were within control limits and relative percent differences were within 30 percent.

Hydrocarbons: The method blanks were below the reporting limits for DRO and GRO. All surrogate recoveries were within control limits, except for sample SB118 with a 41% recovery of o-Terphenyl (DRO) and sample SB1265-4, which did not allow recovery due to dilution (DRO). LCS/LCD values for both DRO and GRO were within method-specific control limits with a relative percent difference of less than 20 percent.

Lab Report 248582 (09/25/2006): PCBs and Hydrocarbons

Samples received by the laboratory were extracted and analyzed within applicable holding times.

PCBs: No Aroclors were detected in the method blanks and all surrogate recoveries were within control limits. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines on both columns. Percent recoveries in the LCS/LCD were within control limits with a relative percent difference of less than 20 percent.

Hydrocarbons: The method blanks were below the reporting limits for DRO and GRO. All surrogate recoveries were within control limits. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines. LCS/LCD values for DRO and LCS values for GRO were within method-specific control limits with a relative percent difference of less than 20 percent.

Lab Report 248821 (10/06/2006): PCBs, Hydrocarbons

Samples received by the laboratory were extracted and analyzed within applicable holding times.

PCBs: No Aroclors were detected in the method blanks and all surrogate recoveries were within control limits. Percent recoveries in the LCS/LCD were within control limits with a relative percent difference of less than 20 percent.

Hydrocarbons: The method blanks were below the reporting limits for DRO. All surrogate recoveries were within control limits except for sample 108BLSSS1 (including MS/MSD for this sample), which did not allow recovery due to dilution. LCS/LCD values for DRO were within method-specific control limits with a relative percent difference of less than 20 percent. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries were conducted for sample 108BLSSS1; recoveries were not within control limits (0%) due to dilution.

Lab Report 249132 (10/27/2006): Metals, PCBs, Explosives, Semivolatile Organics

Samples received by the laboratory were extracted and analyzed within applicable holding times.

Metals: Initial and continuing calibration verification percent recoveries as reported were within method-specific control limits. No analytes were detected in the method blanks. Percent recoveries within the LCS were within control limits. Matrix spike (MS) and matrix spike duplicate (MSD) recoveries for mercury (sample 102csss104) were all within control limits, however, the relative percent difference was greater than 20 percent (21.1%). The method duplicate analysis for mercury was within the required relative percent difference of 20 percent.

PCBs: No Aroclors were detected in the method blanks and all surrogate recoveries were within control limits. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines on both columns. Percent recoveries in the LCS and LCD were all within control limits and the relative percent differences were less than 30 percent.

Explosives: Surrogate recovery was within control limits and no analytes were detected in the method blank. Initial and continuing calibration verification percent recoveries as reported were within method-specific guidelines. All percent recoveries in the LCS were within control limits.

Semivolatile Organics: No analytes were detected in the method blank. All surrogate recoveries were within control limits except for the LCS sample (Nitrobenzene-d5), sample 102csss105 (Nitrobenzene-d5), and sample 102csss106 (Terphenyl-d14). Additionally, sample 102csss104 was diluted so none of the surrogates were recovered. The percent recoveries in the LCS were within control limits with the exception of Naphthalene (43%). There were numerous percent recoveries in the MS/MSD that were outside control limits for sample 102csss103 including Acenapthene, Phenanthrene, Anthracene, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene,

Benzo(a)pyrene, Ideno(1,2,3-cd)pyrene, and Benzo(ghi)perylene. Of these, only Phenanthrene (44%) had a relative percent difference greater than 30 percent.

Lab Report 249639 (12/06/2006): Hydrocarbons

Samples received by the laboratory were extracted and analyzed within applicable holding times. The method blanks were below the reporting limits for DRO. All surrogate recoveries were within control limits. LCS/LCD values for DRO were within method-specific control limits with a relative percent difference of less than 20 percent.

APPENDIX I

LABORATORY ANALYTICAL REPORTS

SEVERN TRENT SERVICES

STL Chicago

SEVERN TRENT LABORATORIES ANALYTICAL REPORT

JOB NUMBER: 211927

Prepared For:

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

Project: GSA - SLOP - Investigation

Attention: David Brewer

Date: 09/26/2002

(b) (6)

Signature

Name: Richard C. Wright

Title: Project Manager

E-Mail: rwright@stl-inc.com

9/26/02

Date

STL Chicago
2417 Bond Street
University Park, IL 60466

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

STL Chicago is part of Severn Trent Laboratories, Inc.

STL Chicago
Wet Chemistry Case Narrative

Client: SCS Engineers, Inc.
Job #: **211927** Date Rec'd: 09/11/02

1. This narrative covers the analysis of the samples in the above Job # for cyanide and phosphorus by the methods cited on the Laboratory Test Results pages.

2. Refer to the Laboratory Chronicle Page for dates of sampling, receipt, and analysis.

3. The calibration curves and the initial and continuing verification standards and blanks met acceptance criteria.

4. The method blanks were less than the reporting limits.

5. The LCS recoveries were within acceptance limits.

6. Duplicate phosphorus matrix spikes were done on sample 211927-1. Both recoveries were biased low, at 67% and 69%.

(b) (6)

Diane L. Harper
Wet Chemistry Section Manager

9-26-02
Date

Severn Trent Laboratories - Chicago
METALS CASE NARRATIVE

Client: SCS Engineers, Inc. Date Rec'd: 09/11/02
Project: GSA – SLOP
STL Job #: 211927

1. This narrative covers the Metals analysis of samples in the above Job #211927.

   Method Ref: USEPA SW-846

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

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

4. All Initial and Continuing Calibration Blanks (ICB/CCB's) were within control limits except for:
   ICP Batch 63630 CCB (Initial) Ca 112.8 ug/L
   Samples 1-4 were bracketed. Calcium in the samples were greater than 10X the CCB concentration. Therefore, re analysis was not performed.

5. All ICP Interference Check Samples (ICSA and ICSAB) were within control limits.

6. All Laboratory Control Sample (LCS) recoveries were within the 80-120% control limits.

7. All Method blank concentrations were less than the Reporting Limits (RL).

8. Matrix QC was performed on sample 1.

   All Serial dilution analysis were within control limits except for Al,BA,Ca,Cr,Co,Fe,Pb,Mg,Mn, Ni,V & Zn.

   All Matrix spike (MS/MSD) recoveries were within the 75-125% control limits (except- control limits are not applicable when the sample concentration exceed the spike added concentration by a factor of 4 or more) except for Sb,Ba,Pb,K (MS/MSD) & ;Cr,Zn (MSD).

   All Duplicate results were within the 20% RPD control limits for sample concentration greater than 4X the RL or +\- the RL for sample concentration less than 4X the RL except for Ba, & Ca..

(b) (6) [redacted]

Mani S. Iyer
Metals Section Manager

9/25/02
Date

Severn Trent Laboratories Chicago
GC/MS Case Narrative

SCS Engineers
GSA - SLOP
Job Number: 211927
VOA DATA:

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

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

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

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

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

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

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

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

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

(b) (6) [redacted]

Gary Rynkar
GC/MS Section Manager

9/23/2
Date

Severn Trent Services - Chicago
GC/MS BNA Case Narrative

SCS Engineers, Inc./GSA-SLOP
JOB Number: 211927
BNA DATA:

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

2. The MB (Method Blank) had all analytes below the CRQL (Contract Required Quantitation Limits).

3. A BNA LCS/LCD (Laboratory Control Sample/Laboratory Control Duplicate) spike solution was used (100 µg/mL) and 1.0 mL was spiked in the LCS/LCD samples (prep batches 62700 & 63295). In-house generated QC limits and the 11 method control compounds were used for QC evaluation. All control spike recoveries and RPD values were within the QC limits in the LCS/LCD samples.

4. A MS/MSD (Matrix Spike/Matrix Spike Duplicate) analysis was performed on sample –3. A BNA LCS spike solution was used (100 µg/mL) and 1.0 mL was spiked in the MS/MSD. In-house generated QC limits and the 11 method control compounds were used for QC evaluation. The MS/MSD had one and two spike recoveries, respectively, outside the QC limits and three RPD values above the QC limit.

5. A BNA surrogate spike solution (Acids at 150 µg/mL & Base-Neutrals at 100 µg/mL) was used and 0.5 mL was spiked in all samples. All samples had surrogate recoveries within the in-house generated QC limits. The secondary dilution for sample –3 (sample –3D1) had all surrogate recoveries reported as "D".

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

7. The samples were extracted and analyzed as low-level soils, therefore, normal detection limits apply. Sample –3 required a 4x secondary dilution. Sample -3 results were adjusted for the dilution and all results were reported on a dry-weight basis.

(b) (6) [redacted]

Gary Rynkar
GC/MS Section Manager

9/25/12
Date

STL Chicago
PCB Case Narrative

SCS Engineers, Inc.
GSA – SLOP - Investigation
Job #: 211927-1 through 7
PCBs

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

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

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

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

4. The method blank was below the reporting limits for all Aroclors.

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

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 211927-1 (105-1). All matrix spike and matrix spike duplicate recoveries were within statistical control limits. All RPDs were <20%.

9. All initial and continuing standard calibrations associated with these samples were in control. However, a slight retention time shift was observed and taken into account during data review.

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

(b) (6) [redacted]

Patti Gibson
Organics Section Manager

9/25/02
Date

STL Chicago
Explosives Case Narrative

SCS Engineers, Inc.
GSA – SLOP - Investigation
Job #: 211927-1 through 7
Explosives

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

ID#	INSTRUMENT	COLUMN TYPE	DETECTOR
43	Agilent 1100	C-18	UV - 254nm
44	Agilent 1100	CN	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 211927-1 (105-1). All matrix spike and matrix spike duplicate recoveries were within statistical control limits except 4-Amino-2,6-Dinitrotoluene, which had recoveries of 121% and 122%, respectively. All RPDs were <30%.

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

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

(b) (6)

Patti Gibson
Organics Section Manager

9/25/02
Date

SEVERN TRENT SERVICES

STL Chicago

SAMPLE INFORMATION
Date: 09/26/2002

Job Number.: 211927
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
211927-1	105-1	Soil	09/10/2002	15:30	09/11/2002	08:45
211927-2	105-2	Soil	09/10/2002	15:40	09/11/2002	08:45
211927-3	105-3	Soil	09/10/2002	16:10	09/11/2002	08:45
211927-4	105-4	Soil	09/10/2002	16:50	09/11/2002	08:45
211927-5	105-5	Soil	09/10/2002	17:30	09/11/2002	08:45
211927-6	101-1	Soil	09/10/2002	18:25	09/11/2002	08:45
211927-7	101-2	Soil	09/10/2002	18:30	09/11/2002	08:45
211927-8	101-3	Soil	09/10/2002	18:40	09/11/2002	08:45
211927-9	101-4	Soil	09/10/2002	18:50	09/11/2002	08:45

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-1
Date Sampled.....: 09/10/2002
Time Sampled.....: 15:30
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-1
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	85.2			0.10	0.10	1	%	62415		09/12/02 0008	clb
	% Moisture, Solid	14.8			0.10	0.10	1	%	62415		09/12/02 0008	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	3.3	19	1.00000	ug/Kg	63718		09/24/02 2304	mgk
	Aroclor 1221, Solid*	ND		U	7.7	19	1.00000	ug/Kg	63718		09/24/02 2304	mgk
	Aroclor 1232, Solid*	ND		U	3.4	19	1.00000	ug/Kg	63718		09/24/02 2304	mgk
	Aroclor 1242, Solid*	ND		U	7.2	19	1.00000	ug/Kg	63718		09/24/02 2304	mgk
	Aroclor 1248, Solid*	ND		U	2.6	19	1.00000	ug/Kg	63718		09/24/02 2304	mgk
	Aroclor 1254, Solid*	ND		U	3.1	19	1.00000	ug/Kg	63718		09/24/02 2304	mgk
	Aroclor 1260, Solid*	ND		U	2.9	19	1.00000	ug/Kg	63718		09/24/02 2304	mgk
9014/9010B	Cyanide (Colorimetric)											
	Cyanide, Total, Solid*	ND		U	0.13	0.42	1	mg/Kg	63170		09/18/02 1443	rnm
4500PE	Phosphorous, All Forms											
	Phosphorous, Total as P, Solid*	510			9.6	56	10.00	mg/Kg	63806		09/25/02 1617	cvw
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND		U	110	250	1.00000	ug/Kg	63654		09/17/02 2330	san
	RDX, Solid	ND		U	59	100	1.00000	ug/Kg	63654		09/17/02 2330	san
	1,3,5-Trinitrobenzene, Solid	ND		U	18	100	1.00000	ug/Kg	63654		09/17/02 2330	san
	1,3-Dinitrobenzene, Solid	ND		U	18	100	1.00000	ug/Kg	63654		09/17/02 2330	san
	Nitrobenzene, Solid	ND		U	22	100	1.00000	ug/Kg	63654		09/17/02 2330	san
	2,4,6-TNT, Solid	ND		U	34	100	1.00000	ug/Kg	63654		09/17/02 2330	san
	Tetryl, Solid	ND		U	43	200	1.00000	ug/Kg	63654		09/17/02 2330	san
	2,4-Dinitrotoluene, Solid	ND		U	36	100	1.00000	ug/Kg	63654		09/17/02 2330	san
	2,6-Dinitrotoluene, Solid	ND		U	48	200	1.00000	ug/Kg	63654		09/17/02 2330	san

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-1
Date Sampled.....: 09/10/2002
Time Sampled.....: 15:30
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-1
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		36	200	1.00000	ug/Kg	63654		09/17/02 2330	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		97	200	1.00000	ug/Kg	63654		09/17/02 2330	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	63654		09/17/02 2330	san
	4-Nitrotoluene, Solid	ND	U		47	500	1.00000	ug/Kg	63654		09/17/02 2330	san
	3-Nitrotoluene, Solid	ND	U		50	200	1.00000	ug/Kg	63654		09/17/02 2330	san
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.022	B		0.0063	0.039	1	mg/Kg	63552		09/23/02 1210	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	9900			1.8	15	1	mg/Kg	63630		09/23/02 1151	tds
	Antimony, Solid*	ND	U		0.68	1.5	1	mg/Kg	63630		09/23/02 1151	tds
	Arsenic, Solid*	5.7			0.39	0.76	1	mg/Kg	63630		09/23/02 1151	tds
	Barium, Solid*	140			0.12	0.76	1	mg/Kg	63630		09/23/02 1151	tds
	Beryllium, Solid*	0.28	B		0.033	0.30	1	mg/Kg	63630		09/23/02 1151	tds
	Cadmium, Solid*	0.16			0.061	0.15	1	mg/Kg	63630		09/23/02 1151	tds
	Calcium, Solid*	27000			2.4	7.6	1	mg/Kg	63630		09/23/02 1151	tds
	Chromium, Solid*	18			0.17	0.76	1	mg/Kg	63630		09/23/02 1151	tds
	Cobalt, Solid*	6.1			0.11	0.38	1	mg/Kg	63630		09/23/02 1151	tds
	Copper, Solid*	13			0.68	0.76	1	mg/Kg	63630		09/23/02 1151	tds
	Iron, Solid*	14000			2.3	3.8	1	mg/Kg	63630		09/23/02 1151	tds
	Lead, Solid*	19			0.33	0.38	1	mg/Kg	63630		09/23/02 1151	tds
	Magnesium, Solid*	3300			1.3	7.6	1	mg/Kg	63630		09/23/02 1151	tds
	Manganese, Solid*	360			0.099	0.76	1	mg/Kg	63630		09/23/02 1151	tds
	Nickel, Solid*	14			0.19	0.76	1	mg/Kg	63630		09/23/02 1151	tds
	Potassium, Solid*	1200			10	38	1	mg/Kg	63630		09/23/02 1151	tds
	Selenium, Solid*	ND	U		0.30	0.76	1	mg/Kg	63630		09/23/02 1151	tds
	Silver, Solid*	ND	U		0.24	0.38	1	mg/Kg	63630		09/23/02 1151	tds
	Sodium, Solid*	760			66	76	1	mg/Kg	63672		09/24/02 1146	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-1
Date Sampled.....: 09/10/2002
Time Sampled.....: 15:30
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-1
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Thallium, Solid*	ND	U		0.50	0.76	1	mg/Kg	63630		09/23/02 1151	tds
	Vanadium, Solid*	30			0.16	0.38	1	mg/Kg	63630		09/23/02 1151	tds
	Zinc, Solid*	56			0.30	1.5	1	mg/Kg	63630		09/23/02 1151	tds
8270C	Semivolatile Organics											
	Phenol, Solid*	ND	U		97	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Bis(2-chloroethyl)ether, Solid*	ND	U		110	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	1,3-Dichlorobenzene, Solid*	ND	U		110	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	1,4-Dichlorobenzene, Solid*	ND	U		86	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	1,2-Dichlorobenzene, Solid*	ND	U		100	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Benzyl alcohol, Solid*	ND	U		120	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	2-Methylphenol (o-cresol), Solid*	ND	U		140	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	2,2-oxybis (1-chloropropane), Solid*	ND	U		200	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	n-Nitroso-di-n-propylamine, Solid*	ND	U		120	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Hexachloroethane, Solid*	ND	U		91	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	4-Methylphenol (m/p-cresol), Solid*	ND	U		140	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	2-Chlorophenol, Solid*	ND	U		80	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Nitrobenzene, Solid*	ND	U		73	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Bis(2-chloroethoxy)methane, Solid*	ND	U		69	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	1,2,4-Trichlorobenzene, Solid*	ND	U		57	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Benzoic acid, Solid*	ND	U		200	2000	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Isophorone, Solid*	ND	U		58	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	2,4-Dimethylphenol, Solid*	ND	U		260	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Hexachlorobutadiene, Solid*	ND	U		80	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Naphthalene, Solid*	ND	U		74	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	2,4-Dichlorophenol, Solid*	ND	U		66	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	4-Chloroaniline, Solid*	ND	U		150	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	2,4,6-Trichlorophenol, Solid*	ND	U		79	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	2,4,5-Trichlorophenol, Solid*	ND	U		78	2000	1.00000	ug/Kg	63720		09/21/02 0010	dpk

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-1
Date Sampled.....: 09/10/2002
Time Sampled.....: 15:30
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-1
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Hexachlorocyclopentadiene, Solid*	ND	U		140	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	2-Methylnaphthalene, Solid*	ND	U		280	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	2-Nitroaniline, Solid*	ND	U		120	2000	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	2-Chloronaphthalene, Solid*	ND	U		63	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	4-Chloro-3-methylphenol, Solid*	ND	U		99	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	2,6-Dinitrotoluene, Solid*	ND	U		91	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	2-Nitrophenol, Solid*	ND	U		90	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	3-Nitroaniline, Solid*	ND	U		160	2000	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Dimethyl phthalate, Solid*	ND	U		87	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	2,4-Dinitrophenol, Solid*	ND	U		230	2000	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Acenaphthylene, Solid*	ND	U		64	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	2,4-Dinitrotoluene, Solid*	ND	U		86	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Acenaphthene, Solid*	75	J		62	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Dibenzofuran, Solid*	ND	U		64	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	4-Nitrophenol, Solid*	ND	U		430	2000	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Fluorene, Solid*	ND	U		110	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	4-Nitroaniline, Solid*	ND	U		160	2000	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	4-Bromophenyl phenyl ether, Solid*	ND	U		110	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Hexachlorobenzene, Solid*	ND	U		83	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Diethyl phthalate, Solid*	ND	U		110	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	4-Chlorophenyl phenyl ether, Solid*	ND	U		100	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Pentachlorophenol, Solid*	ND	U		220	2000	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	n-Nitrosodiphenylamine, Solid*	ND	U		130	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	4,6-Dinitro-2-methylphenol, Solid*	ND	U		160	2000	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Phenanthrene, Solid*	1000			80	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Anthracene, Solid*	160	J		85	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Carbazole, Solid*	140	J		99	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Di-n-butyl phthalate, Solid*	ND	U		84	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Benzidine, Solid*	ND	U	*	2300	3800	1.00000	ug/Kg	63720		09/21/02 0010	dpk

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-1
Date Sampled.....: 09/10/2002
Time Sampled.....: 15:30
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-1
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Fluoranthene, Solid*	1400			110	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Pyrene, Solid*	1300			170	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Butyl benzyl phthalate, Solid*	ND	U		130	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Benzo(a)anthracene, Solid*	530			62	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Chrysene, Solid*	700			47	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	3,3-Dichlorobenzidine, Solid*	ND	U		130	780	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Bis(2-ethylhexyl)phthalate, Solid*	ND	U		130	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Di-n-octyl phthalate, Solid*	ND	U		310	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Benzo(b)fluoranthene, Solid*	580			130	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Benzo(k)fluoranthene, Solid*	520		M	130	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Benzo(a)pyrene, Solid*	520			67	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Indeno(1,2,3-cd)pyrene, Solid*	350	J		130	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Dibenzo(a,h)anthracene, Solid*	160	J		130	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
	Benzo(ghi)perylene, Solid*	400			180	380	1.00000	ug/Kg	63720		09/21/02 0010	dpk
8260B	Volatile Organics											
	Dichlorodifluoromethane, Solid*	ND	U	*	0.69	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	Chloromethane, Solid*	ND	U		0.86	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	Vinyl chloride, Solid*	ND	U		0.68	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	Bromomethane, Solid*	ND	U		2.7	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	Chloroethane, Solid*	ND	U		1.5	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	Trichlorofluoromethane, Solid*	ND	U		0.65	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	1,1-Dichloroethene, Solid*	ND	U		0.92	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	Carbon disulfide, Solid*	ND	U		1.8	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	Acetone, Solid*	7.1			3.8	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	Methylene chloride, Solid*	ND	U		1.7	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	trans-1,2-Dichloroethene, Solid*	ND	U		0.86	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	Methyl-tert-butyl-ether (MTBE), Solid*	ND	U		0.59	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	1,1-Dichloroethane, Solid*	ND	U		0.81	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-1
Date Sampled.....: 09/10/2002
Time Sampled.....: 15:30
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-1
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2,2-Dichloropropane, Solid*	ND	U		1.2	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	cis-1,2-Dichloroethene, Solid*	ND	U		1.1	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	2-Butanone (MEK), Solid*	ND	U		3.9	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	Bromochloromethane, Solid*	ND	U		0.91	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	Chloroform, Solid*	ND	U		0.57	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	1,1,1-Trichloroethane, Solid*	ND	U		0.56	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	1,1-Dichloropropene, Solid*	ND	U		0.73	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	Carbon tetrachloride, Solid*	ND	U		0.76	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	Benzene, Solid*	ND	U		0.61	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	1,2-Dichloroethane, Solid*	ND	U		0.53	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	Trichloroethene, Solid*	ND	U		0.54	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	1,2-Dichloropropane, Solid*	ND	U		0.88	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	Dibromomethane, Solid*	ND	U		0.63	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	Bromodichloromethane, Solid*	ND	U		0.62	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	cis-1,3-Dichloropropene, Solid*	ND	U		0.73	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	4-Methyl-2-pentanone (MIBK), Solid*	ND	U		2.8	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	Toluene, Solid*	ND	U		0.92	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	trans-1,3-Dichloropropene, Solid*	ND	U		0.77	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	1,1,2-Trichloroethane, Solid*	ND	U		0.65	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	Tetrachloroethene, Solid*	ND	U		0.62	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	1,3-Dichloropropane, Solid*	ND	U		0.85	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	2-Hexanone, Solid*	ND	U		1.6	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	Dibromochloromethane, Solid*	ND	U	*	0.63	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	1,2-Dibromoethane (EDB), Solid*	ND	U		0.70	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	Chlorobenzene, Solid*	ND	U		0.84	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	1,1,1,2-Tetrachloroethane, Solid*	ND	U	*	0.67	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	Ethylbenzene, Solid*	ND	U		1.0	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	m&p-Xylenes, Solid*	ND	U		1.9	9.2	1.00000	ug/Kg	63482		09/19/02 1159	jso
	o-Xylene, Solid*	ND	U		0.85	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-1
Date Sampled.....: 09/10/2002
Time Sampled.....: 15:30
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-1
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Styrene, Solid*	ND	U		0.92	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	Bromoform, Solid*	ND	U	*	0.84	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	Isopropylbenzene, Solid*	ND	U		0.69	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	Bromobenzene, Solid*	ND	U		0.65	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	1,1,2,2-Tetrachloroethane, Solid*	ND	U		0.59	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	1,2,3-Trichloropropane, Solid*	ND	U		1.0	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	n-Propylbenzene, Solid*	ND	U		0.79	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	2-Chlorotoluene, Solid*	ND	U		0.92	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	1,3,5-Trimethylbenzene, Solid*	ND	U		0.53	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	4-Chlorotoluene, Solid*	ND	U		0.71	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	tert-Butylbenzene, Solid*	ND	U		0.72	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	1,2,4-Trimethylbenzene, Solid*	ND	U		0.75	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	sec-Butylbenzene, Solid*	ND	U		0.74	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	p-Isopropyltoluene, Solid*	ND	U		0.62	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	n-Butylbenzene, Solid*	ND	U		0.77	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	1,2-Dibromo-3-chloropropane, Solid*	ND	U		1.0	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso
	1,2,3-Trichlorobenzene, Solid*	ND	U		0.91	4.6	1.00000	ug/Kg	63482		09/19/02 1159	jso

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-2
Date Sampled.....: 09/10/2002
Time Sampled.....: 15:40
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-2
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	81.0			0.10	0.10	1	%	62415		09/12/02 0008	clb
	% Moisture, Solid	19.0			0.10	0.10	1	%	62415		09/12/02 0008	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	3.5	20	1.00000	ug/Kg	63718		09/25/02 0041	mgk
	Aroclor 1221, Solid*	ND		U	8.1	20	1.00000	ug/Kg	63718		09/25/02 0041	mgk
	Aroclor 1232, Solid*	ND		U	3.6	20	1.00000	ug/Kg	63718		09/25/02 0041	mgk
	Aroclor 1242, Solid*	ND		U	7.6	20	1.00000	ug/Kg	63718		09/25/02 0041	mgk
	Aroclor 1248, Solid*	ND		U	2.8	20	1.00000	ug/Kg	63718		09/25/02 0041	mgk
	Aroclor 1254, Solid*	ND		U	3.3	20	1.00000	ug/Kg	63718		09/25/02 0041	mgk
	Aroclor 1260, Solid*	ND		U	3.0	20	1.00000	ug/Kg	63718		09/25/02 0041	mgk
9014/9010B	Cyanide (Colorimetric)											
	Cyanide, Total, Solid*	ND		U	0.15	0.48	1	mg/Kg	63170		09/18/02 1444	rnm
4500PE	Phosphorous, All Forms											
	Phosphorous, Total as P, Solid*	600			18	110	20.00	mg/Kg	63806		09/25/02 1617	cvw
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND		U	110	250	1.00000	ug/Kg	63654		09/18/02 0245	san
	RDX, Solid	ND		U	58	100	1.00000	ug/Kg	63654		09/18/02 0245	san
	1,3,5-Trinitrobenzene, Solid	ND		U	17	100	1.00000	ug/Kg	63654		09/18/02 0245	san
	1,3-Dinitrobenzene, Solid	ND		U	18	100	1.00000	ug/Kg	63654		09/18/02 0245	san
	Nitrobenzene, Solid	ND		U	22	100	1.00000	ug/Kg	63654		09/18/02 0245	san
	2,4,6-TNT, Solid	ND		U	34	100	1.00000	ug/Kg	63654		09/18/02 0245	san
	Tetryl, Solid	ND		U	43	200	1.00000	ug/Kg	63654		09/18/02 0245	san
	2,4-Dinitrotoluene, Solid	ND		U	35	100	1.00000	ug/Kg	63654		09/18/02 0245	san
	2,6-Dinitrotoluene, Solid	ND		U	47	200	1.00000	ug/Kg	63654		09/18/02 0245	san

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-2
Date Sampled.....: 09/10/2002
Time Sampled.....: 15:40
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-2
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		36	200	1.00000	ug/Kg	63654		09/18/02 0245	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		97	200	1.00000	ug/Kg	63654		09/18/02 0245	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	63654		09/18/02 0245	san
	4-Nitrotoluene, Solid	ND	U		46	500	1.00000	ug/Kg	63654		09/18/02 0245	san
	3-Nitrotoluene, Solid	ND	U		50	200	1.00000	ug/Kg	63654		09/18/02 0245	san
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.022	B		0.0067	0.041	1	mg/Kg	63552		09/23/02 1221	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	9700			1.8	15	1	mg/Kg	63630		09/23/02 1222	tds
	Antimony, Solid*	ND	U		0.68	1.5	1	mg/Kg	63630		09/23/02 1222	tds
	Arsenic, Solid*	3.9			0.38	0.75	1	mg/Kg	63630		09/23/02 1222	tds
	Barium, Solid*	93			0.12	0.75	1	mg/Kg	63630		09/23/02 1222	tds
	Beryllium, Solid*	0.33			0.033	0.30	1	mg/Kg	63630		09/23/02 1222	tds
	Cadmium, Solid*	ND	U		0.060	0.15	1	mg/Kg	63630		09/23/02 1222	tds
	Calcium, Solid*	3800			2.3	7.5	1	mg/Kg	63630		09/23/02 1222	tds
	Chromium, Solid*	18			0.17	0.75	1	mg/Kg	63630		09/23/02 1222	tds
	Cobalt, Solid*	4.5			0.11	0.38	1	mg/Kg	63630		09/23/02 1222	tds
	Copper, Solid*	11			0.68	0.75	1	mg/Kg	63630		09/23/02 1222	tds
	Iron, Solid*	14000			2.3	3.8	1	mg/Kg	63630		09/23/02 1222	tds
	Lead, Solid*	15			0.32	0.38	1	mg/Kg	63630		09/23/02 1222	tds
	Magnesium, Solid*	2700			1.3	7.5	1	mg/Kg	63630		09/23/02 1222	tds
	Manganese, Solid*	200			0.098	0.75	1	mg/Kg	63630		09/23/02 1222	tds
	Nickel, Solid*	13			0.19	0.75	1	mg/Kg	63630		09/23/02 1222	tds
	Potassium, Solid*	660			10	38	1	mg/Kg	63630		09/23/02 1222	tds
	Selenium, Solid*	ND	U		0.30	0.75	1	mg/Kg	63630		09/23/02 1222	tds
	Silver, Solid*	ND	U		0.23	0.38	1	mg/Kg	63630		09/23/02 1222	tds
	Sodium, Solid*	380			65	75	1	mg/Kg	63672		09/24/02 1219	tds

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SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927 Date:09/26/2002

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

Customer Sample ID: 105-2
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Time Sampled.....: 15:40
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-2
Date Received.....: 09/11/2002
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TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Thallium, Solid*	ND	U		0.50	0.75	1	mg/Kg	63630		09/23/02 1222	tds
	Vanadium, Solid*	28			0.16	0.38	1	mg/Kg	63630		09/23/02 1222	tds
	Zinc, Solid*	38			0.30	1.5	1	mg/Kg	63630		09/23/02 1222	tds
8270C	Semivolatile Organics											
	Phenol, Solid*	ND	U		100	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Bis(2-chloroethyl)ether, Solid*	ND	U		110	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	1,3-Dichlorobenzene, Solid*	ND	U		110	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	1,4-Dichlorobenzene, Solid*	ND	U		90	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	1,2-Dichlorobenzene, Solid*	ND	U		100	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Benzyl alcohol, Solid*	ND	U		120	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	2-Methylphenol (o-cresol), Solid*	ND	U		150	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	2,2-oxybis (1-chloropropane), Solid*	ND	U		210	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	n-Nitroso-di-n-propylamine, Solid*	ND	U		120	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Hexachloroethane, Solid*	ND	U		94	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	4-Methylphenol (m/p-cresol), Solid*	ND	U		140	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	2-Chlorophenol, Solid*	ND	U		83	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Nitrobenzene, Solid*	ND	U		76	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Bis(2-chloroethoxy)methane, Solid*	ND	U		71	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	1,2,4-Trichlorobenzene, Solid*	ND	U		59	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Benzoic acid, Solid*	ND	U		210	2100	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Isophorone, Solid*	ND	U		60	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	2,4-Dimethylphenol, Solid*	ND	U		270	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Hexachlorobutadiene, Solid*	ND	U		83	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Naphthalene, Solid*	ND	U		77	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	2,4-Dichlorophenol, Solid*	ND	U		69	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	4-Chloroaniline, Solid*	ND	U		150	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	2,4,6-Trichlorophenol, Solid*	ND	U		82	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	2,4,5-Trichlorophenol, Solid*	ND	U		81	2100	1.00000	ug/Kg	63720		09/21/02 0042	dpk

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-2
Date Sampled.....: 09/10/2002
Time Sampled.....: 15:40
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-2
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Hexachlorocyclopentadiene, Solid*	ND	U		150	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	2-Methylnaphthalene, Solid*	ND	U		290	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	2-Nitroaniline, Solid*	ND	U		130	2100	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	2-Chloronaphthalene, Solid*	ND	U		65	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	4-Chloro-3-methylphenol, Solid*	ND	U		100	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	2,6-Dinitrotoluene, Solid*	ND	U		94	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	2-Nitrophenol, Solid*	ND	U		93	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	3-Nitroaniline, Solid*	ND	U		170	2100	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Dimethyl phthalate, Solid*	ND	U		91	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	2,4-Dinitrophenol, Solid*	ND	U		240	2100	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Acenaphthylene, Solid*	ND	U		67	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	2,4-Dinitrotoluene, Solid*	ND	U		90	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Acenaphthene, Solid*	ND	U		64	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Dibenzofuran, Solid*	ND	U		67	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	4-Nitrophenol, Solid*	ND	U		440	2100	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Fluorene, Solid*	ND	U		120	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	4-Nitroaniline, Solid*	ND	U		160	2100	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	4-Bromophenyl phenyl ether, Solid*	ND	U		110	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Hexachlorobenzene, Solid*	ND	U		86	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Diethyl phthalate, Solid*	ND	U		110	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	4-Chlorophenyl phenyl ether, Solid*	ND	U		110	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Pentachlorophenol, Solid*	ND	U		220	2100	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	n-Nitrosodiphenylamine, Solid*	ND	U		130	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	4,6-Dinitro-2-methylphenol, Solid*	ND	U		170	2100	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Phenanthrene, Solid*	ND	U		83	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Anthracene, Solid*	ND	U		88	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Carbazole, Solid*	ND	U		100	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Di-n-butyl phthalate, Solid*	ND	U		87	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Benzidine, Solid*	ND	U	*	2400	4000	1.00000	ug/Kg	63720		09/21/02 0042	dpk

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-2
Date Sampled.....: 09/10/2002
Time Sampled.....: 15:40
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-2
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Fluoranthene, Solid*	ND	U		110	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Pyrene, Solid*	ND	U		170	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Butyl benzyl phthalate, Solid*	ND	U		140	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Benzo(a)anthracene, Solid*	ND	U		64	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Chrysene, Solid*	ND	U		48	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	3,3-Dichlorobenzidine, Solid*	ND	U		140	810	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Bis(2-ethylhexyl)phthalate, Solid*	ND	U		140	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Di-n-octyl phthalate, Solid*	ND	U		320	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Benzo(b)fluoranthene, Solid*	ND	U		130	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Benzo(k)fluoranthene, Solid*	ND	U		140	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Benzo(a)pyrene, Solid*	ND	U		70	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Indeno(1,2,3-cd)pyrene, Solid*	ND	U		140	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Dibenzo(a,h)anthracene, Solid*	ND	U		140	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
	Benzo(ghi)perylene, Solid*	ND	U		180	400	1.00000	ug/Kg	63720		09/21/02 0042	dpk
8260B	Volatile Organics											
	Dichlorodifluoromethane, Solid*	ND	U	*	0.80	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	Chloromethane, Solid*	ND	U		1.0	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	Vinyl chloride, Solid*	ND	U		0.79	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	Bromomethane, Solid*	ND	U		3.1	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	Chloroethane, Solid*	ND	U		1.7	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	Trichlorofluoromethane, Solid*	ND	U		0.76	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	1,1-Dichloroethene, Solid*	ND	U		1.1	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	Carbon disulfide, Solid*	ND	U		2.1	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	Acetone, Solid*	100			4.4	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	Methylene chloride, Solid*	ND	U		1.9	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	trans-1,2-Dichloroethene, Solid*	ND	U		1.0	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	Methyl-tert-butyl-ether (MTBE), Solid*	ND	U		0.69	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	1,1-Dichloroethane, Solid*	ND	U		0.94	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso

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SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

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Time Sampled.....: 15:40
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-2
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2,2-Dichloropropane, Solid*	ND	U		1.4	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	cis-1,2-Dichloroethene, Solid*	ND	U		1.3	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	2-Butanone (MEK), Solid*	10			4.5	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	Bromochloromethane, Solid*	ND	U		1.1	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	Chloroform, Solid*	ND	U		0.66	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	1,1,1-Trichloroethane, Solid*	ND	U		0.65	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	1,1-Dichloropropene, Solid*	ND	U		0.86	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	Carbon tetrachloride, Solid*	ND	U		0.89	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	Benzene, Solid*	ND	U		0.71	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	1,2-Dichloroethane, Solid*	ND	U		0.62	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	Trichloroethene, Solid*	ND	U		0.63	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	1,2-Dichloropropane, Solid*	ND	U		1.0	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	Dibromomethane, Solid*	ND	U		0.74	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	Bromodichloromethane, Solid*	ND	U		0.73	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	cis-1,3-Dichloropropene, Solid*	ND	U		0.85	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	4-Methyl-2-pentanone (MIBK), Solid*	ND	U		3.2	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	Toluene, Solid*	9.1			1.1	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	trans-1,3-Dichloropropene, Solid*	ND	U		0.90	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	1,1,2-Trichloroethane, Solid*	ND	U		0.76	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	Tetrachloroethene, Solid*	ND	U		0.72	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	1,3-Dichloropropane, Solid*	ND	U		1.0	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	2-Hexanone, Solid*	ND	U		1.8	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	Dibromochloromethane, Solid*	ND	U	*	0.74	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	1,2-Dibromoethane (EDB), Solid*	ND	U		0.81	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	Chlorobenzene, Solid*	ND	U		0.98	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	1,1,1,2-Tetrachloroethane, Solid*	ND	U	*	0.78	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	Ethylbenzene, Solid*	ND	U		1.2	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	m&p-Xylenes, Solid*	ND	U		2.3	11	1.00000	ug/Kg	63482		09/19/02 1102	jso
	o-Xylene, Solid*	ND	U		1.0	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-2
Date Sampled.....: 09/10/2002
Time Sampled.....: 15:40
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-2
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Styrene, Solid*	ND	U		1.1	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	Bromoform, Solid*	ND	U	*	0.98	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	Isopropylbenzene, Solid*	ND	U		0.80	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	Bromobenzene, Solid*	ND	U		0.76	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	1,1,2,2-Tetrachloroethane, Solid*	ND	U		0.69	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	1,2,3-Trichloropropane, Solid*	ND	U		1.2	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	n-Propylbenzene, Solid*	ND	U		0.92	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	2-Chlorotoluene, Solid*	ND	U		1.1	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	1,3,5-Trimethylbenzene, Solid*	ND	U		0.62	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	4-Chlorotoluene, Solid*	ND	U		0.83	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	tert-Butylbenzene, Solid*	ND	U		0.84	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	1,2,4-Trimethylbenzene, Solid*	3.4	J	a	0.88	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	sec-Butylbenzene, Solid*	ND	U		0.87	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	p-Isopropyltoluene, Solid*	46			0.73	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	n-Butylbenzene, Solid*	ND	U		0.90	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	1,2-Dibromo-3-chloropropane, Solid*	ND	U		1.2	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso
	1,2,3-Trichlorobenzene, Solid*	ND	U		1.1	5.4	1.00000	ug/Kg	63482		09/19/02 1102	jso

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-3
Date Sampled.....: 09/10/2002
Time Sampled.....: 16:10
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-3
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	83.1			0.10	0.10	1	%	62415		09/12/02 0008	clb
	% Moisture, Solid	16.9			0.10	0.10	1	%	62415		09/12/02 0008	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.4	20	1.00000	ug/Kg	63718		09/25/02 0114	mgk
	Aroclor 1221, Solid*	ND	U		7.9	20	1.00000	ug/Kg	63718		09/25/02 0114	mgk
	Aroclor 1232, Solid*	ND	U		3.5	20	1.00000	ug/Kg	63718		09/25/02 0114	mgk
	Aroclor 1242, Solid*	ND	U		7.5	20	1.00000	ug/Kg	63718		09/25/02 0114	mgk
	Aroclor 1248, Solid*	ND	U		2.7	20	1.00000	ug/Kg	63718		09/25/02 0114	mgk
	Aroclor 1254, Solid*	ND	U		3.2	20	1.00000	ug/Kg	63718		09/25/02 0114	mgk
	Aroclor 1260, Solid*	ND	U		3.0	20	1.00000	ug/Kg	63718		09/25/02 0114	mgk
9014/9010B	Cyanide (Colorimetric)											
	Cyanide, Total, Solid*	ND	U		0.11	0.34	1	mg/Kg	63170		09/18/02 1444	rnm
4500PE	Phosphorous, All Forms											
	Phosphorous, Total as P, Solid*	430			9.9	58	10.00	mg/Kg	63806		09/25/02 1618	cvw
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND	U		110	250	1.00000	ug/Kg	63654		09/18/02 0422	san
	RDX, Solid	ND	U		58	99	1.00000	ug/Kg	63654		09/18/02 0422	san
	1,3,5-Trinitrobenzene, Solid	ND	U		17	99	1.00000	ug/Kg	63654		09/18/02 0422	san
	1,3-Dinitrobenzene, Solid	ND	U		18	99	1.00000	ug/Kg	63654		09/18/02 0422	san
	Nitrobenzene, Solid	ND	U		22	99	1.00000	ug/Kg	63654		09/18/02 0422	san
	2,4,6-TNT, Solid	ND	U		33	99	1.00000	ug/Kg	63654		09/18/02 0422	san
	Tetryl, Solid	ND	U		43	200	1.00000	ug/Kg	63654		09/18/02 0422	san
	2,4-Dinitrotoluene, Solid	ND	U		35	99	1.00000	ug/Kg	63654		09/18/02 0422	san
	2,6-Dinitrotoluene, Solid	ND	U		47	200	1.00000	ug/Kg	63654		09/18/02 0422	san

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-3
Date Sampled.....: 09/10/2002
Time Sampled.....: 16:10
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-3
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		36	200	1.00000	ug/Kg	63654		09/18/02 0422	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		96	200	1.00000	ug/Kg	63654		09/18/02 0422	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	63654		09/18/02 0422	san
	4-Nitrotoluene, Solid	ND	U		46	500	1.00000	ug/Kg	63654		09/18/02 0422	san
	3-Nitrotoluene, Solid	ND	U		50	200	1.00000	ug/Kg	63654		09/18/02 0422	san
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.029	B		0.0065	0.040	1	mg/Kg	63552		09/23/02 1223	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	12000			1.8	15	1	mg/Kg	63630		09/23/02 1228	tds
	Antimony, Solid*	ND	U		0.69	1.5	1	mg/Kg	63630		09/23/02 1228	tds
	Arsenic, Solid*	5.8			0.39	0.77	1	mg/Kg	63630		09/23/02 1228	tds
	Barium, Solid*	110			0.12	0.77	1	mg/Kg	63630		09/23/02 1228	tds
	Beryllium, Solid*	0.38			0.034	0.31	1	mg/Kg	63630		09/23/02 1228	tds
	Cadmium, Solid*	0.071	B		0.061	0.15	1	mg/Kg	63630		09/23/02 1228	tds
	Calcium, Solid*	24000			2.4	7.7	1	mg/Kg	63630		09/23/02 1228	tds
	Chromium, Solid*	18			0.17	0.77	1	mg/Kg	63630		09/23/02 1228	tds
	Cobalt, Solid*	6.5			0.11	0.38	1	mg/Kg	63630		09/23/02 1228	tds
	Copper, Solid*	13			0.69	0.77	1	mg/Kg	63630		09/23/02 1228	tds
	Iron, Solid*	15000			2.3	3.8	1	mg/Kg	63630		09/23/02 1228	tds
	Lead, Solid*	14			0.33	0.38	1	mg/Kg	63630		09/23/02 1228	tds
	Magnesium, Solid*	2700			1.3	7.7	1	mg/Kg	63630		09/23/02 1228	tds
	Manganese, Solid*	420			0.1	0.77	1	mg/Kg	63630		09/23/02 1228	tds
	Nickel, Solid*	15			0.19	0.77	1	mg/Kg	63630		09/23/02 1228	tds
	Potassium, Solid*	1100			11	38	1	mg/Kg	63630		09/23/02 1228	tds
	Selenium, Solid*	ND	U		0.31	0.77	1	mg/Kg	63630		09/23/02 1228	tds
	Silver, Solid*	ND	U		0.24	0.38	1	mg/Kg	63630		09/23/02 1228	tds
	Sodium, Solid*	760			66	77	1	mg/Kg	63672		09/24/02 1225	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-3
Date Sampled.....: 09/10/2002
Time Sampled.....: 16:10
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-3
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Thallium, Solid*	ND	U		0.51	0.77	1	mg/Kg	63630		09/23/02 1228	tds
	Vanadium, Solid*	31			0.16	0.38	1	mg/Kg	63630		09/23/02 1228	tds
	Zinc, Solid*	42			0.31	1.5	1	mg/Kg	63630		09/23/02 1228	tds
8270C	Semivolatile Organics											
	Phenol, Solid*	ND	U		98	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Bis(2-chloroethyl)ether, Solid*	ND	U		110	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	1,3-Dichlorobenzene, Solid*	ND	U		110	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	1,4-Dichlorobenzene, Solid*	ND	U		87	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	1,2-Dichlorobenzene, Solid*	ND	U		100	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Benzyl alcohol, Solid*	ND	U		120	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	2-Methylphenol (o-cresol), Solid*	ND	U		150	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	2,2-oxybis (1-chloropropane), Solid*	ND	U		200	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	n-Nitroso-di-n-propylamine, Solid*	ND	U		120	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Hexachloroethane, Solid*	ND	U		92	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	4-Methylphenol (m/p-cresol), Solid*	ND	U		140	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	2-Chlorophenol, Solid*	ND	U		82	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Nitrobenzene, Solid*	ND	U		74	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Bis(2-chloroethoxy)methane, Solid*	ND	U		70	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	1,2,4-Trichlorobenzene, Solid*	ND	U		58	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Benzoic acid, Solid*	ND	U		200	2000	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Isophorone, Solid*	ND	U		59	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	2,4-Dimethylphenol, Solid*	ND	U		260	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Hexachlorobutadiene, Solid*	ND	U		82	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Naphthalene, Solid*	ND	U		76	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	2,4-Dichlorophenol, Solid*	ND	U		67	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	4-Chloroaniline, Solid*	ND	U		150	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	2,4,6-Trichlorophenol, Solid*	ND	U		80	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	2,4,5-Trichlorophenol, Solid*	ND	U		79	2000	1.00000	ug/Kg	63721		09/20/02 2233	dpk

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-3
Date Sampled.....: 09/10/2002
Time Sampled.....: 16:10
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-3
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Hexachlorocyclopentadiene, Solid*	ND	U		140	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	2-Methylnaphthalene, Solid*	ND	U		280	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	2-Nitroaniline, Solid*	ND	U		130	2000	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	2-Chloronaphthalene, Solid*	ND	U		64	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	4-Chloro-3-methylphenol, Solid*	ND	U		100	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	2,6-Dinitrotoluene, Solid*	ND	U		92	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	2-Nitrophenol, Solid*	ND	U		91	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	3-Nitroaniline, Solid*	ND	U		160	2000	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Dimethyl phthalate, Solid*	ND	U		89	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	2,4-Dinitrophenol, Solid*	ND	U		230	2000	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Acenaphthylene, Solid*	ND	U		65	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	2,4-Dinitrotoluene, Solid*	ND	U		87	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Acenaphthene, Solid*	870			63	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Dibenzofuran, Solid*	390			65	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	4-Nitrophenol, Solid*	ND	U		430	2000	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Fluorene, Solid*	1000			120	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	4-Nitroaniline, Solid*	ND	U		160	2000	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	4-Bromophenyl phenyl ether, Solid*	ND	U		110	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Hexachlorobenzene, Solid*	ND	U		84	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Diethyl phthalate, Solid*	ND	U		110	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	4-Chlorophenyl phenyl ether, Solid*	ND	U		100	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Pentachlorophenol, Solid*	ND	U		220	2000	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	n-Nitrosodiphenylamine, Solid*	ND	U		130	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	4,6-Dinitro-2-methylphenol, Solid*	ND	U		170	2000	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Phenanthrene, Solid*	11000			330	1600	4.00000	ug/Kg	63721	D1	09/24/02 1518	dpk
	Anthracene, Solid*	1800			86	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Carbazole, Solid*	990		*	100	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Di-n-butyl phthalate, Solid*	ND	U		85	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Benzidine, Solid*	ND	U		2300	3900	1.00000	ug/Kg	63721		09/20/02 2233	dpk

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-3
Date Sampled.....: 09/10/2002
Time Sampled.....: 16:10
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-3
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Fluoranthene, Solid*	14000			440	1600	4.00000	ug/Kg	63721	D1	09/24/02 1518	dpk
	Pyrene, Solid*	11000			680	1600	4.00000	ug/Kg	63721	D1	09/24/02 1518	dpk
	Butyl benzyl phthalate, Solid*	ND	U		140	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Benzo(a)anthracene, Solid*	4400			63	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Chrysene, Solid*	5300			47	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	3,3-Dichlorobenzidine, Solid*	ND	U		130	790	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Bis(2-ethylhexyl)phthalate, Solid*	ND	U		130	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Di-n-octyl phthalate, Solid*	ND	U		310	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Benzo(b)fluoranthene, Solid*	4800			130	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Benzo(k)fluoranthene, Solid*	3500		M	140	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Benzo(a)pyrene, Solid*	3700			69	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Indeno(1,2,3-cd)pyrene, Solid*	2400			130	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Dibenzo(a,h)anthracene, Solid*	1100			130	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
	Benzo(ghi)perylene, Solid*	2600			180	390	1.00000	ug/Kg	63721		09/20/02 2233	dpk
8260B	Volatile Organics											
	Dichlorodifluoromethane, Solid*	ND	U	*	0.83	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	Chloromethane, Solid*	ND	U		1.0	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	Vinyl chloride, Solid*	ND	U		0.82	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	Bromomethane, Solid*	ND	U		3.2	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	Chloroethane, Solid*	ND	U		1.8	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	Trichlorofluoromethane, Solid*	ND	U		0.79	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	1,1-Dichloroethene, Solid*	ND	U		1.1	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	Carbon disulfide, Solid*	ND	U		2.2	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	Acetone, Solid*	ND	U		4.5	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	Methylene chloride, Solid*	ND	U		2.0	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	trans-1,2-Dichloroethene, Solid*	ND	U		1.0	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	Methyl-tert-butyl-ether (MTBE), Solid*	ND	U		0.71	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	1,1-Dichloroethane, Solid*	ND	U		0.97	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-3
Date Sampled.....: 09/10/2002
Time Sampled.....: 16:10
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-3
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2,2-Dichloropropane, Solid*	ND	U		1.4	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	cis-1,2-Dichloroethene, Solid*	ND	U		1.3	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	2-Butanone (MEK), Solid*	ND	U		4.6	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	Bromochloromethane, Solid*	ND	U		1.1	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	Chloroform, Solid*	ND	U		0.69	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	1,1,1-Trichloroethane, Solid*	ND	U		0.67	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	1,1-Dichloropropene, Solid*	ND	U		0.88	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	Carbon tetrachloride, Solid*	ND	U		0.92	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	Benzene, Solid*	ND	U		0.73	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	1,2-Dichloroethane, Solid*	ND	U		0.64	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	Trichloroethene, Solid*	ND	U		0.65	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	1,2-Dichloropropane, Solid*	ND	U		1.1	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	Dibromomethane, Solid*	ND	U		0.76	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	Bromodichloromethane, Solid*	ND	U		0.75	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	cis-1,3-Dichloropropene, Solid*	ND	U		0.87	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	4-Methyl-2-pentanone (MIBK), Solid*	ND	U		3.3	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	Toluene, Solid*	ND	U		1.1	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	trans-1,3-Dichloropropene, Solid*	ND	U		0.93	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	1,1,2-Trichloroethane, Solid*	ND	U		0.79	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	Tetrachloroethene, Solid*	ND	U		0.74	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	1,3-Dichloropropane, Solid*	ND	U		1.0	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	2-Hexanone, Solid*	ND	U		1.9	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	Dibromochloromethane, Solid*	ND	U	*	0.76	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	1,2-Dibromoethane (EDB), Solid*	ND	U		0.84	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	Chlorobenzene, Solid*	ND	U		1.0	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	1,1,1,2-Tetrachloroethane, Solid*	ND	U	*	0.81	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	Ethylbenzene, Solid*	ND	U		1.2	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	m&p-Xylenes, Solid*	ND	U		2.3	11	1.00000	ug/Kg	63482		09/19/02 1227	jso
	o-Xylene, Solid*	ND	U		1.0	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

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Time Sampled.....: 16:10
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-3
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Styrene, Solid*	ND	U		1.1	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	Bromoform, Solid*	ND	U	*	1.0	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	Isopropylbenzene, Solid*	ND	U		0.83	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	Bromobenzene, Solid*	ND	U		0.79	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	1,1,2,2-Tetrachloroethane, Solid*	ND	U		0.71	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	1,2,3-Trichloropropane, Solid*	ND	U		1.2	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	n-Propylbenzene, Solid*	ND	U		0.95	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	2-Chlorotoluene, Solid*	ND	U		1.1	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	1,3,5-Trimethylbenzene, Solid*	ND	U		0.64	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	4-Chlorotoluene, Solid*	ND	U		0.85	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	tert-Butylbenzene, Solid*	ND	U		0.86	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	1,2,4-Trimethylbenzene, Solid*	ND	U		0.91	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	sec-Butylbenzene, Solid*	ND	U		0.90	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	p-Isopropyltoluene, Solid*	ND	U		0.75	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	n-Butylbenzene, Solid*	ND	U		0.93	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	1,2-Dibromo-3-chloropropane, Solid*	ND	U		1.2	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso
	1,2,3-Trichlorobenzene, Solid*	ND	U		1.1	5.5	1.00000	ug/Kg	63482		09/19/02 1227	jso

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SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-4
Date Sampled.....: 09/10/2002
Time Sampled.....: 16:50
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-4
Date Received.....: 09/11/2002
Time Received.....: 08:45

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	%	62415		09/12/02 0008	clb
	% Moisture, Solid	18.6			0.10	0.10	1	%	62415		09/12/02 0008	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	3.5	20	1.00000	ug/Kg	63718		09/25/02 0147	mgk
	Aroclor 1221, Solid*	ND		U	8.1	20	1.00000	ug/Kg	63718		09/25/02 0147	mgk
	Aroclor 1232, Solid*	ND		U	3.6	20	1.00000	ug/Kg	63718		09/25/02 0147	mgk
	Aroclor 1242, Solid*	ND		U	7.6	20	1.00000	ug/Kg	63718		09/25/02 0147	mgk
	Aroclor 1248, Solid*	ND		U	2.8	20	1.00000	ug/Kg	63718		09/25/02 0147	mgk
	Aroclor 1254, Solid*	ND		U	3.3	20	1.00000	ug/Kg	63718		09/25/02 0147	mgk
	Aroclor 1260, Solid*	ND		U	3.0	20	1.00000	ug/Kg	63718		09/25/02 0147	mgk
9014/9010B	Cyanide (Colorimetric)											
	Cyanide, Total, Solid*	ND		U	0.13	0.40	1	mg/Kg	63170		09/18/02 1444	rnm
4500PE	Phosphorous, All Forms											
	Phosphorous, Total as P, Solid*	520			19	110	20.00	mg/Kg	63806		09/25/02 1618	cvw
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND		U	110	250	1.00000	ug/Kg	63654		09/18/02 0527	san
	RDX, Solid	ND		U	57	98	1.00000	ug/Kg	63654		09/18/02 0527	san
	1,3,5-Trinitrobenzene, Solid	ND		U	17	98	1.00000	ug/Kg	63654		09/18/02 0527	san
	1,3-Dinitrobenzene, Solid	ND		U	17	98	1.00000	ug/Kg	63654		09/18/02 0527	san
	Nitrobenzene, Solid	ND		U	22	98	1.00000	ug/Kg	63654		09/18/02 0527	san
	2,4,6-TNT, Solid	ND		U	33	98	1.00000	ug/Kg	63654		09/18/02 0527	san
	Tetryl, Solid	ND		U	43	200	1.00000	ug/Kg	63654		09/18/02 0527	san
	2,4-Dinitrotoluene, Solid	ND		U	35	98	1.00000	ug/Kg	63654		09/18/02 0527	san
	2,6-Dinitrotoluene, Solid	ND		U	47	200	1.00000	ug/Kg	63654		09/18/02 0527	san

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TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		35	200	1.00000	ug/Kg	63654		09/18/02 0527	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		95	200	1.00000	ug/Kg	63654		09/18/02 0527	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	63654		09/18/02 0527	san
	4-Nitrotoluene, Solid	ND	U		46	490	1.00000	ug/Kg	63654		09/18/02 0527	san
	3-Nitrotoluene, Solid	ND	U		49	200	1.00000	ug/Kg	63654		09/18/02 0527	san
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.073			0.0066	0.041	1	mg/Kg	63552		09/23/02 1226	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	11000			1.9	16	1	mg/Kg	63630		09/23/02 1234	tds
	Antimony, Solid*	ND	U		0.72	1.6	1	mg/Kg	63630		09/23/02 1234	tds
	Arsenic, Solid*	4.3			0.41	0.80	1	mg/Kg	63630		09/23/02 1234	tds
	Barium, Solid*	120			0.13	0.80	1	mg/Kg	63630		09/23/02 1234	tds
	Beryllium, Solid*	0.36			0.035	0.32	1	mg/Kg	63630		09/23/02 1234	tds
	Cadmium, Solid*	ND	U		0.064	0.16	1	mg/Kg	63630		09/23/02 1234	tds
	Calcium, Solid*	4100			2.5	8.0	1	mg/Kg	63630		09/23/02 1234	tds
	Chromium, Solid*	22			0.18	0.80	1	mg/Kg	63630		09/23/02 1234	tds
	Cobalt, Solid*	5.2			0.11	0.40	1	mg/Kg	63630		09/23/02 1234	tds
	Copper, Solid*	13			0.72	0.80	1	mg/Kg	63630		09/23/02 1234	tds
	Iron, Solid*	15000			2.4	4.0	1	mg/Kg	63630		09/23/02 1234	tds
	Lead, Solid*	13			0.34	0.40	1	mg/Kg	63630		09/23/02 1234	tds
	Magnesium, Solid*	2700			1.4	8.0	1	mg/Kg	63630		09/23/02 1234	tds
	Manganese, Solid*	210			0.10	0.80	1	mg/Kg	63630		09/23/02 1234	tds
	Nickel, Solid*	14			0.20	0.80	1	mg/Kg	63630		09/23/02 1234	tds
	Potassium, Solid*	1100			11	40	1	mg/Kg	63630		09/23/02 1234	tds
	Selenium, Solid*	ND	U		0.32	0.80	1	mg/Kg	63630		09/23/02 1234	tds
	Silver, Solid*	ND	U		0.25	0.40	1	mg/Kg	63630		09/23/02 1234	tds
	Sodium, Solid*	360			70	80	1	mg/Kg	63672		09/24/02 1231	tds

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TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Thallium, Solid*	0.56	B		0.53	0.80	1	mg/Kg	63630		09/23/02 1234	tds
	Vanadium, Solid*	30			0.17	0.40	1	mg/Kg	63630		09/23/02 1234	tds
	Zinc, Solid*	43			0.32	1.6	1	mg/Kg	63630		09/23/02 1234	tds
8270C	Semivolatile Organics											
	Phenol, Solid*	ND	U		100	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Bis(2-chloroethyl)ether, Solid*	ND	U		110	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	1,3-Dichlorobenzene, Solid*	ND	U		110	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	1,4-Dichlorobenzene, Solid*	ND	U		89	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	1,2-Dichlorobenzene, Solid*	ND	U		100	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Benzyl alcohol, Solid*	ND	U		120	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	2-Methylphenol (o-cresol), Solid*	ND	U		150	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	2,2-oxybis (1-chloropropane), Solid*	ND	U		210	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	n-Nitroso-di-n-propylamine, Solid*	ND	U		120	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Hexachloroethane, Solid*	ND	U		94	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	4-Methylphenol (m/p-cresol), Solid*	ND	U		140	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	2-Chlorophenol, Solid*	ND	U		83	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Nitrobenzene, Solid*	ND	U		76	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Bis(2-chloroethoxy)methane, Solid*	ND	U		71	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	1,2,4-Trichlorobenzene, Solid*	ND	U		59	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Benzoic acid, Solid*	ND	U		210	2000	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Isophorone, Solid*	ND	U		60	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	2,4-Dimethylphenol, Solid*	ND	U		270	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Hexachlorobutadiene, Solid*	ND	U		83	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Naphthalene, Solid*	ND	U		77	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	2,4-Dichlorophenol, Solid*	ND	U		69	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	4-Chloroaniline, Solid*	ND	U		150	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	2,4,6-Trichlorophenol, Solid*	ND	U		82	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	2,4,5-Trichlorophenol, Solid*	ND	U		81	2000	1.00000	ug/Kg	63720		09/24/02 1551	dpk

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	Hexachlorocyclopentadiene, Solid*	ND	U		150	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	2-Methylnaphthalene, Solid*	ND	U		290	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	2-Nitroaniline, Solid*	ND	U		130	2000	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	2-Chloronaphthalene, Solid*	ND	U		65	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	4-Chloro-3-methylphenol, Solid*	ND	U		100	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	2,6-Dinitrotoluene, Solid*	ND	U		94	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	2-Nitrophenol, Solid*	ND	U		93	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	3-Nitroaniline, Solid*	ND	U		170	2000	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Dimethyl phthalate, Solid*	ND	U		90	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	2,4-Dinitrophenol, Solid*	ND	U		240	2000	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Acenaphthylene, Solid*	ND	U		66	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	2,4-Dinitrotoluene, Solid*	ND	U		89	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Acenaphthene, Solid*	ND	U		64	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Dibenzofuran, Solid*	ND	U		66	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	4-Nitrophenol, Solid*	ND	U		440	2000	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Fluorene, Solid*	ND	U		120	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	4-Nitroaniline, Solid*	ND	U		160	2000	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	4-Bromophenyl phenyl ether, Solid*	ND	U		110	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Hexachlorobenzene, Solid*	ND	U		86	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Diethyl phthalate, Solid*	ND	U		110	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	4-Chlorophenyl phenyl ether, Solid*	ND	U		100	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Pentachlorophenol, Solid*	ND	U		220	2000	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	n-Nitrosodiphenylamine, Solid*	ND	U		130	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	4,6-Dinitro-2-methylphenol, Solid*	ND	U		170	2000	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Phenanthrene, Solid*	200	J		83	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Anthracene, Solid*	ND	U		88	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Carbazole, Solid*	ND	U		100	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Di-n-butyl phthalate, Solid*	ND	U		87	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Benzidine, Solid*	ND	U	*	2400	4000	1.00000	ug/Kg	63720		09/24/02 1551	dpk

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SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

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

Customer Sample ID: 105-4
Date Sampled.....: 09/10/2002
Time Sampled.....: 16:50
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-4
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Fluoranthene, Solid*	370	J		110	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Pyrene, Solid*	270	J		170	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Butyl benzyl phthalate, Solid*	ND	U		140	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Benzo(a)anthracene, Solid*	130	J		64	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Chrysene, Solid*	160	J		48	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	3,3-Dichlorobenzidine, Solid*	ND	U		140	810	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Bis(2-ethylhexyl)phthalate, Solid*	ND	U		140	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Di-n-octyl phthalate, Solid*	ND	U		320	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Benzo(b)fluoranthene, Solid*	150	J		130	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Benzo(k)fluoranthene, Solid*	ND	U		140	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Benzo(a)pyrene, Solid*	130	J		70	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Indeno(1,2,3-cd)pyrene, Solid*	ND	U		130	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Dibenzo(a,h)anthracene, Solid*	ND	U		130	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
	Benzo(ghi)perylene, Solid*	ND	U		180	400	1.00000	ug/Kg	63720		09/24/02 1551	dpk
8260B	Volatile Organics											
	Dichlorodifluoromethane, Solid*	ND	U	*	0.79	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	Chloromethane, Solid*	ND	U		0.99	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	Vinyl chloride, Solid*	ND	U		0.78	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	Bromomethane, Solid*	ND	U		3.1	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	Chloroethane, Solid*	ND	U		1.7	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	Trichlorofluoromethane, Solid*	ND	U		0.75	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	1,1-Dichloroethene, Solid*	ND	U		1.1	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	Carbon disulfide, Solid*	ND	U		2.1	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	Acetone, Solid*	6.9			4.3	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	Methylene chloride, Solid*	ND	U		1.9	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	trans-1,2-Dichloroethene, Solid*	ND	U		0.99	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	Methyl-tert-butyl-ether (MTBE), Solid*	ND	U		0.68	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	1,1-Dichloroethane, Solid*	ND	U		0.93	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-4
Date Sampled.....: 09/10/2002
Time Sampled.....: 16:50
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-4
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2,2-Dichloropropane, Solid*	ND	U		1.4	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	cis-1,2-Dichloroethene, Solid*	ND	U		1.3	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	2-Butanone (MEK), Solid*	ND	U		4.4	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	Bromochloromethane, Solid*	ND	U		1.0	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	Chloroform, Solid*	ND	U		0.65	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	1,1,1-Trichloroethane, Solid*	ND	U		0.64	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	1,1-Dichloropropene, Solid*	ND	U		0.84	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	Carbon tetrachloride, Solid*	ND	U		0.88	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	Benzene, Solid*	ND	U		0.70	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	1,2-Dichloroethane, Solid*	ND	U		0.61	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	Trichloroethene, Solid*	ND	U		0.62	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	1,2-Dichloropropane, Solid*	ND	U		1.0	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	Dibromomethane, Solid*	ND	U		0.73	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	Bromodichloromethane, Solid*	ND	U		0.72	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	cis-1,3-Dichloropropene, Solid*	ND	U		0.83	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	4-Methyl-2-pentanone (MIBK), Solid*	ND	U		3.2	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	Toluene, Solid*	ND	U		1.1	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	trans-1,3-Dichloropropene, Solid*	ND	U		0.89	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	1,1,2-Trichloroethane, Solid*	ND	U		0.75	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	Tetrachloroethene, Solid*	ND	U		0.71	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	1,3-Dichloropropane, Solid*	ND	U		0.98	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	2-Hexanone, Solid*	ND	U		1.8	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	Dibromochloromethane, Solid*	ND	U	*	0.73	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	1,2-Dibromoethane (EDB), Solid*	ND	U		0.80	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	Chlorobenzene, Solid*	ND	U		0.96	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	1,1,1,2-Tetrachloroethane, Solid*	ND	U	*	0.77	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	Ethylbenzene, Solid*	ND	U		1.2	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	m&p-Xylenes, Solid*	ND	U		2.2	11	1.00000	ug/Kg	63482		09/19/02 1130	jso
	o-Xylene, Solid*	ND	U		0.98	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-4
Date Sampled.....: 09/10/2002
Time Sampled.....: 16:50
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-4
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Styrene, Solid*	ND	U		1.1	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	Bromoform, Solid*	ND	U	*	0.96	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	Isopropylbenzene, Solid*	ND	U		0.79	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	Bromobenzene, Solid*	ND	U		0.75	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	1,1,2,2-Tetrachloroethane, Solid*	ND	U		0.68	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	1,2,3-Trichloropropane, Solid*	ND	U		1.2	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	n-Propylbenzene, Solid*	ND	U		0.91	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	2-Chlorotoluene, Solid*	ND	U		1.1	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	1,3,5-Trimethylbenzene, Solid*	ND	U		0.61	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	4-Chlorotoluene, Solid*	ND	U		0.81	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	tert-Butylbenzene, Solid*	ND	U		0.82	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	1,2,4-Trimethylbenzene, Solid*	ND	U		0.87	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	sec-Butylbenzene, Solid*	ND	U		0.85	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	p-Isopropyltoluene, Solid*	ND	U		0.72	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	n-Butylbenzene, Solid*	ND	U		0.89	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	1,2-Dibromo-3-chloropropane, Solid*	ND	U		1.2	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso
	1,2,3-Trichlorobenzene, Solid*	ND	U		1.0	5.3	1.00000	ug/Kg	63482		09/19/02 1130	jso

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-5
Date Sampled.....: 09/10/2002
Time Sampled.....: 17:30
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-5
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	75.7			0.10	0.10	1	%	62415		09/12/02 0008	clb
	% Moisture, Solid	24.3			0.10	0.10	1	%	62415		09/12/02 0008	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.8	22	1.00000	ug/Kg	63718		09/25/02 0252	mgk
	Aroclor 1221, Solid*	ND	U		8.7	22	1.00000	ug/Kg	63718		09/25/02 0252	mgk
	Aroclor 1232, Solid*	ND	U		3.9	22	1.00000	ug/Kg	63718		09/25/02 0252	mgk
	Aroclor 1242, Solid*	ND	U		8.2	22	1.00000	ug/Kg	63718		09/25/02 0252	mgk
	Aroclor 1248, Solid*	ND	U		3.0	22	1.00000	ug/Kg	63718		09/25/02 0252	mgk
	Aroclor 1254, Solid*	ND	U		3.5	22	1.00000	ug/Kg	63718		09/25/02 0252	mgk
	Aroclor 1260, Solid*	ND	U		3.2	22	1.00000	ug/Kg	63718		09/25/02 0252	mgk
9014/9010B	Cyanide (Colorimetric)											
	Cyanide, Total, Solid*	ND	U		0.16	0.49	1	mg/Kg	63170		09/18/02 1444	rnm
4500PE	Phosphorous, All Forms											
	Phosphorous, Total as P, Solid*	510			11	65	10.00	mg/Kg	63806		09/25/02 1619	cvw
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND	U		110	250	1.00000	ug/Kg	63654		09/18/02 0632	san
	RDX, Solid	ND	U		57	98	1.00000	ug/Kg	63654		09/18/02 0632	san
	1,3,5-Trinitrobenzene, Solid	ND	U		17	98	1.00000	ug/Kg	63654		09/18/02 0632	san
	1,3-Dinitrobenzene, Solid	ND	U		17	98	1.00000	ug/Kg	63654		09/18/02 0632	san
	Nitrobenzene, Solid	ND	U		22	98	1.00000	ug/Kg	63654		09/18/02 0632	san
	2,4,6-TNT, Solid	ND	U		33	98	1.00000	ug/Kg	63654		09/18/02 0632	san
	Tetryl, Solid	ND	U		43	200	1.00000	ug/Kg	63654		09/18/02 0632	san
	2,4-Dinitrotoluene, Solid	ND	U		35	98	1.00000	ug/Kg	63654		09/18/02 0632	san
	2,6-Dinitrotoluene, Solid	ND	U		47	200	1.00000	ug/Kg	63654		09/18/02 0632	san

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-5
Date Sampled.....: 09/10/2002
Time Sampled.....: 17:30
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-5
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		35	200	1.00000	ug/Kg	63654		09/18/02 0632	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		95	200	1.00000	ug/Kg	63654		09/18/02 0632	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	63654		09/18/02 0632	san
	4-Nitrotoluene, Solid	ND	U		46	490	1.00000	ug/Kg	63654		09/18/02 0632	san
	3-Nitrotoluene, Solid	ND	U		49	200	1.00000	ug/Kg	63654		09/18/02 0632	san
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.039	B		0.0071	0.044	1	mg/Kg	63552		09/23/02 1228	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	12000			2.1	17	1	mg/Kg	63630		09/23/02 1259	tds
	Antimony, Solid*	ND	U		0.78	1.7	1	mg/Kg	63630		09/23/02 1259	tds
	Arsenic, Solid*	5.2			0.44	0.87	1	mg/Kg	63630		09/23/02 1259	tds
	Barium, Solid*	210			0.14	0.87	1	mg/Kg	63630		09/23/02 1259	tds
	Beryllium, Solid*	0.40			0.038	0.35	1	mg/Kg	63630		09/23/02 1259	tds
	Cadmium, Solid*	ND	U		0.070	0.17	1	mg/Kg	63630		09/23/02 1259	tds
	Calcium, Solid*	6900			2.7	8.7	1	mg/Kg	63630		09/23/02 1259	tds
	Chromium, Solid*	19			0.19	0.87	1	mg/Kg	63630		09/23/02 1259	tds
	Cobalt, Solid*	5.9			0.12	0.44	1	mg/Kg	63630		09/23/02 1259	tds
	Copper, Solid*	16			0.78	0.87	1	mg/Kg	63630		09/23/02 1259	tds
	Iron, Solid*	20000			2.6	4.4	1	mg/Kg	63630		09/23/02 1259	tds
	Lead, Solid*	22			0.37	0.44	1	mg/Kg	63630		09/23/02 1259	tds
	Magnesium, Solid*	2700			1.5	8.7	1	mg/Kg	63630		09/23/02 1259	tds
	Manganese, Solid*	730			0.11	0.87	1	mg/Kg	63630		09/23/02 1259	tds
	Nickel, Solid*	20			0.22	0.87	1	mg/Kg	63630		09/23/02 1259	tds
	Potassium, Solid*	950			12	44	1	mg/Kg	63630		09/23/02 1259	tds
	Selenium, Solid*	ND	U		0.35	0.87	1	mg/Kg	63630		09/23/02 1259	tds
	Silver, Solid*	ND	U		0.27	0.44	1	mg/Kg	63630		09/23/02 1259	tds
	Sodium, Solid*	320			75	87	1	mg/Kg	63672		09/24/02 1256	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-5
Date Sampled.....: 09/10/2002
Time Sampled.....: 17:30
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-5
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Thallium, Solid*	ND	U		0.57	0.87	1	mg/Kg	63630		09/23/02 1259	tds
	Vanadium, Solid*	26			0.18	0.44	1	mg/Kg	63630		09/23/02 1259	tds
	Zinc, Solid*	47			0.35	1.7	1	mg/Kg	63630		09/23/02 1259	tds
8270C	Semivolatile Organics											
	Phenol, Solid*	ND	U		110	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Bis(2-chloroethyl)ether, Solid*	ND	U		120	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	1,3-Dichlorobenzene, Solid*	ND	U		120	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	1,4-Dichlorobenzene, Solid*	ND	U		96	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	1,2-Dichlorobenzene, Solid*	ND	U		110	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Benzyl alcohol, Solid*	ND	U		130	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	2-Methylphenol (o-cresol), Solid*	ND	U		160	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	2,2-oxybis (1-chloropropane), Solid*	ND	U		220	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	n-Nitroso-di-n-propylamine, Solid*	ND	U		130	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Hexachloroethane, Solid*	ND	U		100	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	4-Methylphenol (m/p-cresol), Solid*	ND	U		150	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	2-Chlorophenol, Solid*	ND	U		90	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Nitrobenzene, Solid*	ND	U		82	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Bis(2-chloroethoxy)methane, Solid*	ND	U		77	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	1,2,4-Trichlorobenzene, Solid*	ND	U		64	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Benzoic acid, Solid*	ND	U		220	2200	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Isophorone, Solid*	ND	U		65	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	2,4-Dimethylphenol, Solid*	ND	U		290	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Hexachlorobutadiene, Solid*	ND	U		90	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Naphthalene, Solid*	ND	U		83	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	2,4-Dichlorophenol, Solid*	ND	U		74	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	4-Chloroaniline, Solid*	ND	U		160	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	2,4,6-Trichlorophenol, Solid*	ND	U		88	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	2,4,5-Trichlorophenol, Solid*	ND	U		87	2200	1.00000	ug/Kg	63720		09/24/02 1623	dpk

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-5
Date Sampled.....: 09/10/2002
Time Sampled.....: 17:30
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-5
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Hexachlorocyclopentadiene, Solid*	ND	U		160	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	2-Methylnaphthalene, Solid*	ND	U		310	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	2-Nitroaniline, Solid*	ND	U		140	2200	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	2-Chloronaphthalene, Solid*	ND	U		70	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	4-Chloro-3-methylphenol, Solid*	ND	U		110	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	2,6-Dinitrotoluene, Solid*	ND	U		100	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	2-Nitrophenol, Solid*	ND	U		100	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	3-Nitroaniline, Solid*	ND	U		180	2200	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Dimethyl phthalate, Solid*	ND	U		97	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	2,4-Dinitrophenol, Solid*	ND	U		260	2200	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Acenaphthylene, Solid*	ND	U		71	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	2,4-Dinitrotoluene, Solid*	ND	U		96	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Acenaphthene, Solid*	150	J		69	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Dibenzofuran, Solid*	79	J		71	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	4-Nitrophenol, Solid*	ND	U		470	2200	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Fluorene, Solid*	200	J		130	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	4-Nitroaniline, Solid*	ND	U		180	2200	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	4-Bromophenyl phenyl ether, Solid*	ND	U		120	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Hexachlorobenzene, Solid*	ND	U		92	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Diethyl phthalate, Solid*	ND	U		120	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	4-Chlorophenyl phenyl ether, Solid*	ND	U		110	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Pentachlorophenol, Solid*	ND	U		240	2200	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	n-Nitrosodiphenylamine, Solid*	ND	U		140	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	4,6-Dinitro-2-methylphenol, Solid*	ND	U		180	2200	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Phenanthrene, Solid*	1700			90	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Anthracene, Solid*	330	J		95	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Carbazole, Solid*	160	J		110	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Di-n-butyl phthalate, Solid*	ND	U		93	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Benzidine, Solid*	ND	U	*	2600	4300	1.00000	ug/Kg	63720		09/24/02 1623	dpk

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-5
Date Sampled.....: 09/10/2002
Time Sampled.....: 17:30
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-5
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Fluoranthene, Solid*	1900			120	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Pyrene, Solid*	1700			190	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Butyl benzyl phthalate, Solid*	ND	U		150	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Benzo(a)anthracene, Solid*	770			69	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Chrysene, Solid*	900			52	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	3,3-Dichlorobenzidine, Solid*	ND	U		150	870	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Bis(2-ethylhexyl)phthalate, Solid*	ND	U		150	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Di-n-octyl phthalate, Solid*	ND	U		350	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Benzo(b)fluoranthene, Solid*	710			140	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Benzo(k)fluoranthene, Solid*	640			150	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Benzo(a)pyrene, Solid*	670			75	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Indeno(1,2,3-cd)pyrene, Solid*	470			150	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Dibenzo(a,h)anthracene, Solid*	ND	U		150	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
	Benzo(ghi)perylene, Solid*	530			200	430	1.00000	ug/Kg	63720		09/24/02 1623	dpk
8260B	Volatile Organics											
	Dichlorodifluoromethane, Solid*	ND	U	*	0.84	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	Chloromethane, Solid*	ND	U		1.1	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	Vinyl chloride, Solid*	ND	U		0.83	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	Bromomethane, Solid*	ND	U		3.3	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	Chloroethane, Solid*	ND	U		1.8	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	Trichlorofluoromethane, Solid*	ND	U		0.80	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	1,1-Dichloroethene, Solid*	ND	U		1.1	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	Carbon disulfide, Solid*	ND	U		2.2	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	Acetone, Solid*	13			4.6	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	Methylene chloride, Solid*	ND	U		2.0	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	trans-1,2-Dichloroethene, Solid*	ND	U		1.1	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	Methyl-tert-butyl-ether (MTBE), Solid*	ND	U		0.72	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	1,1-Dichloroethane, Solid*	ND	U		0.99	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-5
Date Sampled.....: 09/10/2002
Time Sampled.....: 17:30
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-5
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2,2-Dichloropropane, Solid*	ND	U		1.5	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	cis-1,2-Dichloroethene, Solid*	ND	U		1.3	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	2-Butanone (MEK), Solid*	ND	U		4.7	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	Bromochloromethane, Solid*	ND	U		1.1	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	Chloroform, Solid*	ND	U		0.70	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	1,1,1-Trichloroethane, Solid*	ND	U		0.68	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	1,1-Dichloropropene, Solid*	ND	U		0.90	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	Carbon tetrachloride, Solid*	ND	U		0.93	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	Benzene, Solid*	ND	U		0.74	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	1,2-Dichloroethane, Solid*	ND	U		0.65	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	Trichloroethene, Solid*	ND	U		0.66	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	1,2-Dichloropropane, Solid*	ND	U		1.1	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	Dibromomethane, Solid*	ND	U		0.77	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	Bromodichloromethane, Solid*	ND	U		0.76	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	cis-1,3-Dichloropropene, Solid*	ND	U		0.89	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	4-Methyl-2-pentanone (MIBK), Solid*	ND	U		3.4	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	Toluene, Solid*	ND	U		1.1	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	trans-1,3-Dichloropropene, Solid*	ND	U		0.94	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	1,1,2-Trichloroethane, Solid*	ND	U		0.80	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	Tetrachloroethene, Solid*	ND	U		0.75	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	1,3-Dichloropropane, Solid*	ND	U		1.0	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	2-Hexanone, Solid*	ND	U		1.9	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	Dibromochloromethane, Solid*	ND	U	*	0.77	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	1,2-Dibromoethane (EDB), Solid*	ND	U		0.85	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	Chlorobenzene, Solid*	ND	U		1.0	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	1,1,1,2-Tetrachloroethane, Solid*	ND	U	*	0.82	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	Ethylbenzene, Solid*	ND	U		1.2	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	m&p-Xylenes, Solid*	ND	U		2.4	11	1.00000	ug/Kg	63482		09/19/02 1325	jso
	o-Xylene, Solid*	ND	U		1.0	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 105-5
Date Sampled.....: 09/10/2002
Time Sampled.....: 17:30
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-5
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Styrene, Solid*	ND	U		1.1	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	Bromoform, Solid*	ND	U	*	1.0	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	Isopropylbenzene, Solid*	ND	U		0.84	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	Bromobenzene, Solid*	ND	U		0.80	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	1,1,2,2-Tetrachloroethane, Solid*	ND	U		0.72	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	1,2,3-Trichloropropane, Solid*	ND	U		1.2	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	n-Propylbenzene, Solid*	ND	U		0.96	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	2-Chlorotoluene, Solid*	ND	U		1.1	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	1,3,5-Trimethylbenzene, Solid*	ND	U		0.65	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	4-Chlorotoluene, Solid*	ND	U		0.86	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	tert-Butylbenzene, Solid*	ND	U		0.87	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	1,2,4-Trimethylbenzene, Solid*	ND	U		0.92	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	sec-Butylbenzene, Solid*	ND	U		0.91	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	p-Isopropyltoluene, Solid*	ND	U		0.76	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	n-Butylbenzene, Solid*	ND	U		0.94	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	1,2-Dibromo-3-chloropropane, Solid*	ND	U		1.2	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso
	1,2,3-Trichlorobenzene, Solid*	ND	U		1.1	5.6	1.00000	ug/Kg	63482		09/19/02 1325	jso

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 101-1
Date Sampled.....: 09/10/2002
Time Sampled.....: 18:25
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-6
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	90.4			0.10	0.10	1	%	62415		09/12/02 0008	clb
	% Moisture, Solid	9.6			0.10	0.10	1	%	62415		09/12/02 0008	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.2	18	1.00000	ug/Kg	63718		09/25/02 0325	mgk
	Aroclor 1221, Solid*	ND	U		7.3	18	1.00000	ug/Kg	63718		09/25/02 0325	mgk
	Aroclor 1232, Solid*	ND	U		3.3	18	1.00000	ug/Kg	63718		09/25/02 0325	mgk
	Aroclor 1242, Solid*	ND	U		6.9	18	1.00000	ug/Kg	63718		09/25/02 0325	mgk
	Aroclor 1248, Solid*	ND	U		2.5	18	1.00000	ug/Kg	63718		09/25/02 0325	mgk
	Aroclor 1254, Solid*	ND	U		3.0	18	1.00000	ug/Kg	63718		09/25/02 0325	mgk
	Aroclor 1260, Solid*	ND	U		2.7	18	1.00000	ug/Kg	63718		09/25/02 0325	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND	U		110	250	1.00000	ug/Kg	63654		09/18/02 0737	san
	RDX, Solid	ND	U		58	99	1.00000	ug/Kg	63654		09/18/02 0737	san
	1,3,5-Trinitrobenzene, Solid	ND	U		17	99	1.00000	ug/Kg	63654		09/18/02 0737	san
	1,3-Dinitrobenzene, Solid	ND	U		18	99	1.00000	ug/Kg	63654		09/18/02 0737	san
	Nitrobenzene, Solid	ND	U		22	99	1.00000	ug/Kg	63654		09/18/02 0737	san
	2,4,6-TNT, Solid	ND	U		33	99	1.00000	ug/Kg	63654		09/18/02 0737	san
	Tetryl, Solid	ND	U		43	200	1.00000	ug/Kg	63654		09/18/02 0737	san
	2,4-Dinitrotoluene, Solid	ND	U		35	99	1.00000	ug/Kg	63654		09/18/02 0737	san
	2,6-Dinitrotoluene, Solid	ND	U		47	200	1.00000	ug/Kg	63654		09/18/02 0737	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		36	200	1.00000	ug/Kg	63654		09/18/02 0737	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		96	200	1.00000	ug/Kg	63654		09/18/02 0737	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	63654		09/18/02 0737	san
	4-Nitrotoluene, Solid	ND	U		46	500	1.00000	ug/Kg	63654		09/18/02 0737	san
	3-Nitrotoluene, Solid	ND	U		50	200	1.00000	ug/Kg	63654		09/18/02 0737	san

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 101-1
Date Sampled.....: 09/10/2002
Time Sampled.....: 18:25
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-6
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.053			0.0060	0.037	1	mg/Kg	63552		09/23/02 1230	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	13000			1.7	14	1	mg/Kg	63630		09/23/02 1305	tds
	Antimony, Solid*	ND	U		0.63	1.4	1	mg/Kg	63630		09/23/02 1305	tds
	Arsenic, Solid*	9.1			0.36	0.70	1	mg/Kg	63630		09/23/02 1305	tds
	Barium, Solid*	150			0.11	0.70	1	mg/Kg	63630		09/23/02 1305	tds
	Beryllium, Solid*	0.43			0.031	0.28	1	mg/Kg	63630		09/23/02 1305	tds
	Cadmium, Solid*	0.19			0.056	0.14	1	mg/Kg	63630		09/23/02 1305	tds
	Calcium, Solid*	3200			2.2	7.0	1	mg/Kg	63630		09/23/02 1305	tds
	Chromium, Solid*	18			0.15	0.70	1	mg/Kg	63630		09/23/02 1305	tds
	Cobalt, Solid*	9.2			0.098	0.35	1	mg/Kg	63630		09/23/02 1305	tds
	Copper, Solid*	18			0.63	0.70	1	mg/Kg	63630		09/23/02 1305	tds
	Iron, Solid*	18000			2.1	3.5	1	mg/Kg	63630		09/23/02 1305	tds
	Lead, Solid*	31			0.30	0.35	1	mg/Kg	63630		09/23/02 1305	tds
	Magnesium, Solid*	2600			1.2	7.0	1	mg/Kg	63630		09/23/02 1305	tds
	Manganese, Solid*	800			0.091	0.70	1	mg/Kg	63672		09/24/02 1303	tds
	Nickel, Solid*	19			0.18	0.70	1	mg/Kg	63630		09/23/02 1305	tds
	Potassium, Solid*	1400			9.7	35	1	mg/Kg	63630		09/23/02 1305	tds
	Selenium, Solid*	ND	U		0.28	0.70	1	mg/Kg	63630		09/23/02 1305	tds
	Silver, Solid*	ND	U		0.22	0.35	1	mg/Kg	63630		09/23/02 1305	tds
	Sodium, Solid*	230			61	70	1	mg/Kg	63672		09/24/02 1303	tds
	Thallium, Solid*	ND	U		0.46	0.70	1	mg/Kg	63630		09/23/02 1305	tds
	Vanadium, Solid*	32			0.15	0.35	1	mg/Kg	63630		09/23/02 1305	tds
	Zinc, Solid*	64			0.28	1.4	1	mg/Kg	63630		09/23/02 1305	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 101-2
Date Sampled.....: 09/10/2002
Time Sampled.....: 18:30
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-7
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	89.1			0.10	0.10	1	%	62415		09/12/02 0008	clb
	% Moisture, Solid	10.9			0.10	0.10	1	%	62415		09/12/02 0008	clb
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND	U		3.2	19	1.00000	ug/Kg	63718		09/25/02 0357	mgk
	Aroclor 1221, Solid*	ND	U		7.5	19	1.00000	ug/Kg	63718		09/25/02 0357	mgk
	Aroclor 1232, Solid*	ND	U		3.4	19	1.00000	ug/Kg	63718		09/25/02 0357	mgk
	Aroclor 1242, Solid*	ND	U		7.0	19	1.00000	ug/Kg	63718		09/25/02 0357	mgk
	Aroclor 1248, Solid*	ND	U		2.6	19	1.00000	ug/Kg	63718		09/25/02 0357	mgk
	Aroclor 1254, Solid*	ND	U		3.0	19	1.00000	ug/Kg	63718		09/25/02 0357	mgk
	Aroclor 1260, Solid*	ND	U		2.8	19	1.00000	ug/Kg	63718		09/25/02 0357	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Solid	ND	U		110	250	1.00000	ug/Kg	63654		09/18/02 0842	san
	RDX, Solid	ND	U		58	100	1.00000	ug/Kg	63654		09/18/02 0842	san
	1,3,5-Trinitrobenzene, Solid	ND	U		17	100	1.00000	ug/Kg	63654		09/18/02 0842	san
	1,3-Dinitrobenzene, Solid	ND	U		18	100	1.00000	ug/Kg	63654		09/18/02 0842	san
	Nitrobenzene, Solid	ND	U		22	100	1.00000	ug/Kg	63654		09/18/02 0842	san
	2,4,6-TNT, Solid	ND	U		34	100	1.00000	ug/Kg	63654		09/18/02 0842	san
	Tetryl, Solid	ND	U		43	200	1.00000	ug/Kg	63654		09/18/02 0842	san
	2,4-Dinitrotoluene, Solid	ND	U		35	100	1.00000	ug/Kg	63654		09/18/02 0842	san
	2,6-Dinitrotoluene, Solid	ND	U		47	200	1.00000	ug/Kg	63654		09/18/02 0842	san
	2-Amino-4,6-Dinitrotoluene, Solid	ND	U		36	200	1.00000	ug/Kg	63654		09/18/02 0842	san
	4-Amino-2,6-Dinitrotoluene, Solid	ND	U		97	200	1.00000	ug/Kg	63654		09/18/02 0842	san
	2-Nitrotoluene, Solid	ND	U		33	200	1.00000	ug/Kg	63654		09/18/02 0842	san
	4-Nitrotoluene, Solid	ND	U		46	500	1.00000	ug/Kg	63654		09/18/02 0842	san
	3-Nitrotoluene, Solid	ND	U		50	200	1.00000	ug/Kg	63654		09/18/02 0842	san

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 101-2
Date Sampled.....: 09/10/2002
Time Sampled.....: 18:30
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-7
Date Received.....: 09/11/2002
Time Received.....: 08:45

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			0.0061	0.037	1	mg/Kg	63552		09/23/02 1232	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	13000			1.7	14	1	mg/Kg	63630		09/23/02 1312	tds
	Antimony, Solid*	ND	U		0.62	1.4	1	mg/Kg	63630		09/23/02 1312	tds
	Arsenic, Solid*	8.5			0.35	0.69	1	mg/Kg	63630		09/23/02 1312	tds
	Barium, Solid*	140			0.11	0.69	1	mg/Kg	63630		09/23/02 1312	tds
	Beryllium, Solid*	0.44			0.030	0.28	1	mg/Kg	63630		09/23/02 1312	tds
	Cadmium, Solid*	0.20			0.055	0.14	1	mg/Kg	63630		09/23/02 1312	tds
	Calcium, Solid*	4800			2.1	6.9	1	mg/Kg	63630		09/23/02 1312	tds
	Chromium, Solid*	19			0.15	0.69	1	mg/Kg	63630		09/23/02 1312	tds
	Cobalt, Solid*	8.3			0.097	0.35	1	mg/Kg	63630		09/23/02 1312	tds
	Copper, Solid*	17			0.62	0.69	1	mg/Kg	63630		09/23/02 1312	tds
	Iron, Solid*	18000			2.1	3.5	1	mg/Kg	63630		09/23/02 1312	tds
	Lead, Solid*	25			0.30	0.35	1	mg/Kg	63630		09/23/02 1312	tds
	Magnesium, Solid*	2900			1.2	6.9	1	mg/Kg	63630		09/23/02 1312	tds
	Manganese, Solid*	750			0.090	0.69	1	mg/Kg	63672		09/24/02 1309	tds
	Nickel, Solid*	19			0.17	0.69	1	mg/Kg	63630		09/23/02 1312	tds
	Potassium, Solid*	1300			9.5	35	1	mg/Kg	63630		09/23/02 1312	tds
	Selenium, Solid*	ND	U		0.28	0.69	1	mg/Kg	63630		09/23/02 1312	tds
	Silver, Solid*	ND	U		0.21	0.35	1	mg/Kg	63630		09/23/02 1312	tds
	Sodium, Solid*	840			60	69	1	mg/Kg	63672		09/24/02 1309	tds
	Thallium, Solid*	ND	U		0.46	0.69	1	mg/Kg	63630		09/23/02 1312	tds
	Vanadium, Solid*	31			0.15	0.35	1	mg/Kg	63630		09/23/02 1312	tds
	Zinc, Solid*	56			0.28	1.4	1	mg/Kg	63630		09/23/02 1312	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 101-3
Date Sampled.....: 09/10/2002
Time Sampled.....: 18:40
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-8
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	95.0			0.10	0.10	1	%	62415		09/12/02 0008	clb
	% Moisture, Solid	5.0			0.10	0.10	1	%	62415		09/12/02 0008	clb
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.038			0.0057	0.035	1	mg/Kg	63552		09/23/02 1235	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	9900			1.6	13	1	mg/Kg	63630		09/23/02 1318	tds
	Antimony, Solid*	ND	U		0.60	1.3	1	mg/Kg	63630		09/23/02 1318	tds
	Arsenic, Solid*	10			0.34	0.66	1	mg/Kg	63630		09/23/02 1318	tds
	Barium, Solid*	130			0.11	0.66	1	mg/Kg	63630		09/23/02 1318	tds
	Beryllium, Solid*	0.51			0.029	0.26	1	mg/Kg	63630		09/23/02 1318	tds
	Cadmium, Solid*	0.33			0.053	0.13	1	mg/Kg	63630		09/23/02 1318	tds
	Calcium, Solid*	11000			2.1	6.6	1	mg/Kg	63630		09/23/02 1318	tds
	Chromium, Solid*	21			0.15	0.66	1	mg/Kg	63630		09/23/02 1318	tds
	Cobalt, Solid*	6.9			0.093	0.33	1	mg/Kg	63630		09/23/02 1318	tds
	Copper, Solid*	16			0.60	0.66	1	mg/Kg	63630		09/23/02 1318	tds
	Iron, Solid*	17000			2.0	3.3	1	mg/Kg	63630		09/23/02 1318	tds
	Lead, Solid*	25			0.28	0.33	1	mg/Kg	63630		09/23/02 1318	tds
	Magnesium, Solid*	4200			1.1	6.6	1	mg/Kg	63630		09/23/02 1318	tds
	Manganese, Solid*	530			0.086	0.66	1	mg/Kg	63630		09/23/02 1318	tds
	Nickel, Solid*	15			0.17	0.66	1	mg/Kg	63630		09/23/02 1318	tds
	Potassium, Solid*	1100			9.1	33	1	mg/Kg	63630		09/23/02 1318	tds
	Selenium, Solid*	ND	U		0.26	0.66	1	mg/Kg	63630		09/23/02 1318	tds
	Silver, Solid*	ND	U		0.21	0.33	1	mg/Kg	63630		09/23/02 1318	tds
	Sodium, Solid*	630			57	66	1	mg/Kg	63672		09/24/02 1315	tds
	Thallium, Solid*	ND	U		0.44	0.66	1	mg/Kg	63630		09/23/02 1318	tds
	Vanadium, Solid*	35			0.14	0.33	1	mg/Kg	63630		09/23/02 1318	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 101-3
Date Sampled.....: 09/10/2002
Time Sampled.....: 18:40
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-8
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Zinc, Solid*	54			0.26	1.3	1	mg/Kg	63630		09/23/02 1318	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

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

Customer Sample ID: 101-4
Date Sampled.....: 09/10/2002
Time Sampled.....: 18:50
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-9
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
Method	% Solids Determination											
	% Solids, Solid	91.5			0.10	0.10	1	%	62415		09/12/02 0008	clb
	% Moisture, Solid	8.5			0.10	0.10	1	%	62415		09/12/02 0008	clb
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.089			0.0059	0.036	1	mg/Kg	63552		09/23/02 1237	gok
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	12000			1.7	14	1	mg/Kg	63630		09/23/02 1324	tds
	Antimony, Solid*	ND	U		0.64	1.4	1	mg/Kg	63630		09/23/02 1324	tds
	Arsenic, Solid*	8.5			0.36	0.71	1	mg/Kg	63630		09/23/02 1324	tds
	Barium, Solid*	160			0.11	0.71	1	mg/Kg	63630		09/23/02 1324	tds
	Beryllium, Solid*	0.44			0.031	0.28	1	mg/Kg	63630		09/23/02 1324	tds
	Cadmium, Solid*	0.47			0.057	0.14	1	mg/Kg	63630		09/23/02 1324	tds
	Calcium, Solid*	4000			2.2	7.1	1	mg/Kg	63630		09/23/02 1324	tds
	Chromium, Solid*	24			0.16	0.71	1	mg/Kg	63630		09/23/02 1324	tds
	Cobalt, Solid*	7.6			0.099	0.35	1	mg/Kg	63630		09/23/02 1324	tds
	Copper, Solid*	22			0.64	0.71	1	mg/Kg	63630		09/23/02 1324	tds
	Iron, Solid*	18000			2.1	3.5	1	mg/Kg	63630		09/23/02 1324	tds
	Lead, Solid*	68			0.30	0.35	1	mg/Kg	63630		09/23/02 1324	tds
	Magnesium, Solid*	2400			1.2	7.1	1	mg/Kg	63630		09/23/02 1324	tds
	Manganese, Solid*	600			0.092	0.71	1	mg/Kg	63630		09/23/02 1324	tds
	Nickel, Solid*	18			0.18	0.71	1	mg/Kg	63630		09/23/02 1324	tds
	Potassium, Solid*	1600			9.8	35	1	mg/Kg	63630		09/23/02 1324	tds
	Selenium, Solid*	ND	U		0.28	0.71	1	mg/Kg	63630		09/23/02 1324	tds
	Silver, Solid*	ND	U		0.22	0.35	1	mg/Kg	63630		09/23/02 1324	tds
	Sodium, Solid*	200			61	71	1	mg/Kg	63672		09/24/02 1321	tds
	Thallium, Solid*	ND	U		0.47	0.71	1	mg/Kg	63630		09/23/02 1324	tds
	Vanadium, Solid*	31			0.15	0.35	1	mg/Kg	63630		09/23/02 1324	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211927

Date:09/26/2002

CUSTOMER: SCS Engineers, Inc.

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: 101-4
Date Sampled.....: 09/10/2002
Time Sampled.....: 18:50
Sample Matrix.....: Soil

Laboratory Sample ID: 211927-9
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Zinc, Solid*	87			0.28	1.4	1	mg/Kg	63630		09/23/02 1324	tds

* In Description = Dry Wgt.

LABORATORY CHRONICLE

Job Number: 211927 Date: 09/26/2002

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

Lab ID: 211927-1 Client ID: 105-1 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	62415		09/12/2002	0008	
5035	5035 Archon Closed Purge & Trap	1	63292		09/19/2002	1159	
5035	5035 Preservation High (Methanol)	1	63412		09/11/2002	2259	
5035	5035 Preservation Low	1	63411		09/11/2002	2259	
8330	8330 Extraction (Explosives)	1	62869		09/16/2002	2130	
3050B	Acid Digestion: Solids (ICAP)	1	62896		09/17/2002	0935	
9014/9010B	Cyanide (Colorimetric)	1	63170	63170	09/18/2002	1443	
EDD	Electronic Data Deliverable	1					
8330	Explosives by 8330 (HPLC)	1	63654	62869	09/17/2002	2330	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	62701		09/14/2002	0830	
3550B	Extraction Ultrasonic (SVOC)	1	62700		09/14/2002	0815	
7471A	Mercury (CVAA) Solids	1	63552	63433	09/23/2002	1210	
6010B	Metals Analysis (ICAP Trace)	1	63630	62896	09/23/2002	1151	
6010B	Metals Analysis (ICAP Trace)	1	63672	62896	09/24/2002	1146	
8082	PCB Analysis	1	63718	62701	09/24/2002	2304	1.00000
4500PE	Phosphorous, All Forms	1	63806	63806	09/25/2002	1617	10.00
7470/7471	SW846 Digestion (Hg)	1	63433		09/23/2002	1045	
8270C	Semivolatile Organics	1	63720	62700	09/21/2002	0010	1.00000
8260B	Volatile Organics	1	63482	63411 -63292	09/19/2002	1159	1.00000

Lab ID: 211927-2 Client ID: 105-2 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	62415		09/12/2002	0008	
5035	5035 Archon Closed Purge & Trap	1	63292		09/19/2002	1102	
5035	5035 Preservation High (Methanol)	1	63412		09/11/2002	2301	
5035	5035 Preservation Low	1	63411		09/11/2002	2301	
8330	8330 Extraction (Explosives)	1	62869		09/16/2002	2130	
3050B	Acid Digestion: Solids (ICAP)	1	62896		09/17/2002	0935	
9014/9010B	Cyanide (Colorimetric)	1	63170	63170	09/18/2002	1444	
8330	Explosives by 8330 (HPLC)	1	63654	62869	09/18/2002	0245	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	62701		09/14/2002	0830	
3550B	Extraction Ultrasonic (SVOC)	1	62700		09/14/2002	0815	
7471A	Mercury (CVAA) Solids	1	63552	63433	09/23/2002	1221	
6010B	Metals Analysis (ICAP Trace)	1	63630	62896	09/23/2002	1222	
6010B	Metals Analysis (ICAP Trace)	1	63672	62896	09/24/2002	1219	
8082	PCB Analysis	1	63718	62701	09/25/2002	0041	1.00000
4500PE	Phosphorous, All Forms	1	63806	63806	09/25/2002	1617	20.00
7470/7471	SW846 Digestion (Hg)	1	63433		09/23/2002	1045	
8270C	Semivolatile Organics	1	63720	62700	09/21/2002	0042	1.00000
8260B	Volatile Organics	1	63482	63411 -63292	09/19/2002	1102	1.00000

Lab ID: 211927-3 Client ID: 105-3 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	62415		09/12/2002	0008	
5035	5035 Archon Closed Purge & Trap	1	63292		09/19/2002	1227	
5035	5035 Preservation High (Methanol)	1	63412		09/11/2002	2303	
5035	5035 Preservation Low	1	63411		09/11/2002	2303	
8330	8330 Extraction (Explosives)	1	62869		09/16/2002	2130	
3050B	Acid Digestion: Solids (ICAP)	1	62896		09/17/2002	0935	
9014/9010B	Cyanide (Colorimetric)	1	63170	63170	09/18/2002	1444	
8330	Explosives by 8330 (HPLC)	1	63654	62869	09/18/2002	0422	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	62701		09/14/2002	0830	
3550B	Extraction Ultrasonic (SVOC)	1	62700		09/14/2002	0815	
3550B	Extraction Ultrasonic (SVOC)	2	63295		09/20/2002	0815	
7471A	Mercury (CVAA) Solids	1	63552	63433	09/23/2002	1223	

LABORATORY CHRONICLE

Job Number: 211927 Date: 09/26/2002

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

Lab ID: 211927-3 Client ID: 105-3 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
6010B	Metals Analysis (ICAP Trace)	1	63630	62896	09/23/2002	1228	
6010B	Metals Analysis (ICAP Trace)	1	63672	62896	09/24/2002	1225	
8082	PCB Analysis	1	63718	62701	09/25/2002	0114	1.00000
4500PE	Phosphorous, All Forms	1	63806	63806	09/25/2002	1618	10.00
7470/7471	SW846 Digestion (Hg)	1	63433		09/23/2002	1045	
8270C	Semivolatile Organics	1	63721	63295	09/20/2002	2233	1.00000
8270C	Semivolatile Organics	1	63721	63295	09/24/2002	1518	4.00000
8260B	Volatile Organics	1	63482	63411 -63292	09/19/2002	1227	1.00000

Lab ID: 211927-4 Client ID: 105-4 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	62415		09/12/2002	0008	
5035	5035 Archon Closed Purge & Trap	1	63292		09/19/2002	1130	
5035	5035 Preservation High (Methanol)	1	63412		09/11/2002	2306	
5035	5035 Preservation Low	1	63411		09/11/2002	2305	
8330	8330 Extraction (Explosives)	1	62869		09/16/2002	2130	
3050B	Acid Digestion: Solids (ICAP)	1	62896		09/17/2002	0935	
9014/9010B	Cyanide (Colorimetric)	1	63170	63170	09/18/2002	1444	
8330	Explosives by 8330 (HPLC)	1	63654	62869	09/18/2002	0527	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	62701		09/14/2002	0830	
3550B	Extraction Ultrasonic (SVOC)	1	62700		09/14/2002	0815	
7471A	Mercury (CVAA) Solids	1	63552	63433	09/23/2002	1226	
6010B	Metals Analysis (ICAP Trace)	1	63630	62896	09/23/2002	1234	
6010B	Metals Analysis (ICAP Trace)	1	63672	62896	09/24/2002	1231	
8082	PCB Analysis	1	63718	62701	09/25/2002	0147	1.00000
4500PE	Phosphorous, All Forms	1	63806	63806	09/25/2002	1618	20.00
7470/7471	SW846 Digestion (Hg)	1	63433		09/23/2002	1045	
8270C	Semivolatile Organics	1	63720	62700	09/24/2002	1551	1.00000
8260B	Volatile Organics	1	63482	63411 -63292	09/19/2002	1130	1.00000

Lab ID: 211927-5 Client ID: 105-5 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	62415		09/12/2002	0008	
5035	5035 Archon Closed Purge & Trap	1	63292		09/19/2002	1325	
5035	5035 Preservation High (Methanol)	1	63412		09/11/2002	2308	
5035	5035 Preservation Low	1	63411		09/11/2002	2306	
8330	8330 Extraction (Explosives)	1	62869		09/16/2002	2130	
3050B	Acid Digestion: Solids (ICAP)	1	62896		09/17/2002	0935	
9014/9010B	Cyanide (Colorimetric)	1	63170	63170	09/18/2002	1444	
8330	Explosives by 8330 (HPLC)	1	63654	62869	09/18/2002	0632	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	62701		09/14/2002	0830	
3550B	Extraction Ultrasonic (SVOC)	1	62700		09/14/2002	0815	
7471A	Mercury (CVAA) Solids	1	63552	63433	09/23/2002	1228	
6010B	Metals Analysis (ICAP Trace)	1	63630	62896	09/23/2002	1259	
6010B	Metals Analysis (ICAP Trace)	1	63672	62896	09/24/2002	1256	
8082	PCB Analysis	1	63718	62701	09/25/2002	0252	1.00000
4500PE	Phosphorous, All Forms	1	63806	63806	09/25/2002	1619	10.00
7470/7471	SW846 Digestion (Hg)	1	63433		09/23/2002	1045	
8270C	Semivolatile Organics	1	63720	62700	09/24/2002	1623	1.00000
8260B	Volatile Organics	1	63482	63411 -63292	09/19/2002	1325	1.00000

Lab ID: 211927-6 Client ID: 101-1 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	62415		09/12/2002	0008	
8330	8330 Extraction (Explosives)	1	62869		09/16/2002	2130	

LABORATORY CHRONICLE

Job Number: 211927 Date: 09/26/2002

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

Lab ID: 211927-6 Client ID: 101-1 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	62896		09/17/2002	0935	
8330	Explosives by 8330 (HPLC)	1	63654	62869	09/18/2002	0737	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	62701		09/14/2002	0830	
7471A	Mercury (CVAA) Solids	1	63552	63433	09/23/2002	1230	
6010B	Metals Analysis (ICAP Trace)	1	63630	62896	09/23/2002	1305	
6010B	Metals Analysis (ICAP Trace)	1	63672	62896	09/24/2002	1303	
8082	PCB Analysis	1	63718	62701	09/25/2002	0325	1.00000
7470/7471	SW846 Digestion (Hg)	1	63433		09/23/2002	1045	

Lab ID: 211927-7 Client ID: 101-2 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	62415		09/12/2002	0008	
8330	8330 Extraction (Explosives)	1	62869		09/16/2002	2130	
3050B	Acid Digestion: Solids (ICAP)	1	62896		09/17/2002	0935	
8330	Explosives by 8330 (HPLC)	1	63654	62869	09/18/2002	0842	1.00000
3550B	Extraction Ultrasonic (PCBs)	1	62701		09/14/2002	0830	
7471A	Mercury (CVAA) Solids	1	63552	63433	09/23/2002	1232	
6010B	Metals Analysis (ICAP Trace)	1	63630	62896	09/23/2002	1312	
6010B	Metals Analysis (ICAP Trace)	1	63672	62896	09/24/2002	1309	
8082	PCB Analysis	1	63718	62701	09/25/2002	0357	1.00000
7470/7471	SW846 Digestion (Hg)	1	63433		09/23/2002	1045	

Lab ID: 211927-8 Client ID: 101-3 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	62415		09/12/2002	0008	
3050B	Acid Digestion: Solids (ICAP)	1	62896		09/17/2002	0935	
7471A	Mercury (CVAA) Solids	1	63552	63433	09/23/2002	1235	
6010B	Metals Analysis (ICAP Trace)	1	63630	62896	09/23/2002	1318	
6010B	Metals Analysis (ICAP Trace)	1	63672	62896	09/24/2002	1315	
7470/7471	SW846 Digestion (Hg)	1	63433		09/23/2002	1045	

Lab ID: 211927-9 Client ID: 101-4 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
Method	% Solids Determination	1	62415		09/12/2002	0008	
3050B	Acid Digestion: Solids (ICAP)	1	62896		09/17/2002	0935	
7471A	Mercury (CVAA) Solids	1	63552	63433	09/23/2002	1237	
6010B	Metals Analysis (ICAP Trace)	1	63630	62896	09/23/2002	1324	
6010B	Metals Analysis (ICAP Trace)	1	63672	62896	09/24/2002	1321	
7470/7471	SW846 Digestion (Hg)	1	63433		09/23/2002	1045	

SURROGATE RECOVERIES REPORT

Job Number.: 211927 Report Date.: 09/26/2002

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

Method.....: PCB Analysis Method Code...: 8082 Prep Batch....: 62701
Batch(s).....: 63718 Test Matrix...: Solid Equipment Code: INST0708

Lab ID	DT	Sample ID	Date	DCB	TCX
LCS			09/24/2002	81	65
MB			09/24/2002	78	66
211927- 1		105-1	09/24/2002	72	71
211927- 1	MS	105-1	09/24/2002	68	75
211927- 1	MSD	105-1	09/25/2002	79	77
211927- 2		105-2	09/25/2002	77	70
211927- 3		105-3	09/25/2002	70	58
211927- 4		105-4	09/25/2002	77	67
211927- 5		105-5	09/25/2002	75	67
211927- 6		101-1	09/25/2002	79	66
211927- 7		101-2	09/25/2002	76	68

Test	Test Description	Limits
DCB	Decachlorobiphenyl (surr)	24 - 154
TCX	Tetrachloro-m-xylene (surr)	25 - 138

SURROGATE RECOVERIES REPORT

Job Number.: 211927 Report Date.: 09/26/2002

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

Method.....: Volatile Organics Method Code...: 8260B Prep Batch....: 62817
Batch(s).....: 63482 Test Matrix...: Solid Equipment Code: GCL5

Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
LCS			09/15/2002	107	107	104	106
MB			09/15/2002	97	104	101	103

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

Method.....: Volatile Organics Method Code...: 8260B Prep Batch....: 63292
Batch(s).....: 63482 Test Matrix...: Solid Equipment Code: GCL5

Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
LCS			09/19/2002	102	108	98	115
MB			09/19/2002	94	91	95	110

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

Method.....: Volatile Organics Method Code...: 8260B Prep Batch....: 63411
Batch(s).....: 63482 Test Matrix...: Solid Equipment Code: GCL5

Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
EB1			09/15/2002	108	104	103	102
EB3			09/15/2002	102	105	104	103
211927- 1		105-1	09/19/2002	96	93	94	111
211927- 2		105-2	09/19/2002	109	90	105	110
211927- 3		105-3	09/19/2002	96	94	93	110
211927- 4		105-4	09/19/2002	104	94	104	113
211927- 5		105-5	09/19/2002	101	97	101	117

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

SURROGATE RECOVERIES REPORT

Job Number.: 211927 Report Date.: 09/26/2002

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

Method.....: Semivolatile Organics Method Code...: 8270 Prep Batch....: 62700
Batch(s).....: 63720 Test Matrix...: Solid Equipment Code: GCL4

Lab ID	DT	Sample ID	Date	246TBP	2FLUBP	2FLUPH	NITRD5	PHEND5	TERD14
LCS			09/19/2002	80	73	65	64	70	77
MB			09/19/2002	58	78	66	76	75	102
211927- 1		105-1	09/21/2002	68	67	47	46	60	90
211927- 2		105-2	09/21/2002	72	76	61	73	77	92
211927- 4		105-4	09/24/2002	57	60	51	57	63	68
211927- 5		105-5	09/24/2002	74	68	60	62	74	83

Test	Test Description	Limits
246TBP	2,4,6-Tribromophenol (surr)	41 - 126
2FLUBP	2-Fluorobiphenyl (surr)	38 - 121
2FLUPH	2-Fluorophenol (surr)	37 - 113
NITRD5	Nitrobenzene-d5 (surr)	31 - 120
PHEND5	Phenol-d5 (surr)	44 - 113
TERD14	Terphenyl-d14 (surr)	43 - 121

Method.....: Semivolatile Organics Method Code...: 8270 Prep Batch....: 63295
Batch(s).....: 63721 Test Matrix...: Solid Equipment Code: GCL4

Lab ID	DT	Sample ID	Date	246TBP	2FLUBP	2FLUPH	NITRD5	PHEND5	TERD14
LCD			09/20/2002	104	88	84	88	85	99
LCS			09/20/2002	102	88	80	87	85	100
MB			09/20/2002	76	78	69	72	82	91
211927- 3		105-3	09/20/2002	91	79	69	74	82	94
211927- 3	D1	105-3	09/24/2002	0 D	0 D	0 D	0 D	0 D	0 D
211927- 3 MS		105-3	09/20/2002	93	78	69	71	75	101
211927- 3 MSD		105-3	09/20/2002	85	75	53	61	66	99

Test	Test Description	Limits
246TBP	2,4,6-Tribromophenol (surr)	41 - 126
2FLUBP	2-Fluorobiphenyl (surr)	38 - 121
2FLUPH	2-Fluorophenol (surr)	37 - 113
NITRD5	Nitrobenzene-d5 (surr)	31 - 120
PHEND5	Phenol-d5 (surr)	44 - 113
TERD14	Terphenyl-d14 (surr)	43 - 121

SURROGATE RECOVERIES REPORT

Job Number.: 211927 Report Date.: 09/26/2002

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

Method.....: Explosives by 8330 (HPLC) Method Code...: 8330 Prep Batch.....: 62869
Batch(s).....: 63654 Test Matrix...: Solid Equipment Code: INST43

Lab ID	DT	Sample ID	Date	12DNBZ
LCS			09/17/2002	99
MB			09/17/2002	97
211927- 1		105-1	09/17/2002	99
211927- 1	MS	105-1	09/18/2002	99
211927- 1	MSD	105-1	09/18/2002	101
211927- 2		105-2	09/18/2002	100
211927- 3		105-3	09/18/2002	99
211927- 4		105-4	09/18/2002	100
211927- 5		105-5	09/18/2002	101
211927- 6		101-1	09/18/2002	101
211927- 7		101-2	09/18/2002	99

Test	Test Description	Limits
12DNBZ	1,2-Dinitrobenzene (surr)	80 - 120

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211927

Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	002IWLPCBA	62701 -002		09/24/2002	2158

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

Equipment Code....: INST0708
Batch.....: 63718

Analyst...: mgk

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Solid	ug/Kg	124.650		166.700	2.900 U	75	%	66-104	
Aroclor 1260, Solid	ug/Kg	131.770		167.000	2.500 U	79	%	68-108	

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

QUALITY CONTROL RESULTS

Job Number.: 211927

Report Date.: 09/26/2002

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.....: 63718

Analyst...: mgk

MB	Method Blank		62701 -001		09/24/2002	2126

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

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

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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.....: 63718

MS	Matrix Spike	002IWLPCBA	211927-1		09/24/2002	2336

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Solid	ug/Kg	156.361		191.200	3.325 U	82	%	66-104	
Aroclor 1260, Solid	ug/Kg	154.843		191.500	2.867 U	81	%	68-108	

QUALITY CONTROL RESULTS

Job Number.: 211927

Report Date.: 09/26/2002

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.....: 63718

Analyst...: mgk

MSD	Matrix Spike Duplicate	002IWLPCBA	211927-1		09/25/2002	0009

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Aroclor 1016, Solid	ug/Kg	160.243	156.361	193.500	3.366	U	83	%	66-104	
							1	R	20	
Aroclor 1260, Solid	ug/Kg	157.465	154.843	193.900	2.902	U	81	%	68-108	
							0	R	20	

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211927

Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	002HWLEXPA	62869 -002		09/17/2002	2257

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

Equipment Code....: INST43
Batch.....: 63654

Analyst...: san

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
HMX, Solid	ug/Kg	1021.350		1000.000	113.000 U	102	%	79-122	
RDX, Solid	ug/Kg	1021.650		1000.000	58.600 U	102	%	73-120	
1,3,5-Trinitrobenzene, Solid	ug/Kg	986.150		1000.000	17.500 U	99	%	78-112	
1,3-Dinitrobenzene, Solid	ug/Kg	1019.600		1000.000	17.800 U	102	%	84-110	
Nitrobenzene, Solid	ug/Kg	1004.750		1000.000	22.200 U	100	%	80-109	
2,4,6-TNT, Solid	ug/Kg	1000.850		1000.000	33.800 U	100	%	79-115	
Tetryl, Solid	ug/Kg	1753.600		2000.000	43.400 U	88	%	27-147	
2,4-Dinitrotoluene, Solid	ug/Kg	983.750		1000.000	35.600 U	98	%	83-114	
2,6-Dinitrotoluene, Solid	ug/Kg	2098.650		2000.000	47.500 U	105	%	82-108	
2-Amino-4,6-Dinitrotoluene, Solid	ug/Kg	2060.350		2000.000	36.000 U	103	%	81-109	
4-Amino-2,6-Dinitrotoluene, Solid	ug/Kg	2246.400		2000.000	97.200 U	112	%	84-119	
2-Nitrotoluene, Solid	ug/Kg	2018.800		2000.000	33.200 U	101	%	79-113	
4-Nitrotoluene, Solid	ug/Kg	1974.100		2000.000	46.600 U	99	%	78-112	
3-Nitrotoluene, Solid	ug/Kg	2060.500		2000.000	50.000 U	103	%	79-114	

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

QUALITY CONTROL RESULTS

Job Number.: 211927

Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		62869 -001		09/17/2002	2225

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

Equipment Code....: INST43
Batch.....: 63654

Analyst...: san

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

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

QUALITY CONTROL RESULTS

Job Number.: 211927

Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	002HWLEXPA	211927-1		09/18/2002	0035

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

Equipment Code....: INST43
Batch.....: 63654

Analyst...: san

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
HMX, Solid	ug/Kg	1163.657		1162.000	131.316 U	100	%	79-122	
RDX, Solid	ug/Kg	1106.133		1162.000	68.098 U	95	%	73-120	
1,3,5-Trinitrobenzene, Solid	ug/Kg	1217.113		1162.000	20.337 U	105	%	78-112	
1,3-Dinitrobenzene, Solid	ug/Kg	1195.091		1162.000	20.685 U	103	%	84-110	
Nitrobenzene, Solid	ug/Kg	1189.630		1162.000	25.798 U	102	%	80-109	
2,4,6-TNT, Solid	ug/Kg	1188.584		1162.000	39.279 U	102	%	79-115	
Tetryl, Solid	ug/Kg	2023.137		2324.000	50.435 U	87	%	27-147	
2,4-Dinitrotoluene, Solid	ug/Kg	1161.042		1162.000	41.370 U	100	%	83-114	
2,6-Dinitrotoluene, Solid	ug/Kg	2442.419		2324.000	55.199 U	105	%	82-108	
2-Amino-4,6-Dinitrotoluene, Solid	ug/Kg	2413.483		2324.000	41.835 U	104	%	81-109	
4-Amino-2,6-Dinitrotoluene, Solid	ug/Kg	2804.932		2324.000	112.955 U	121	%	84-119	*
2-Nitrotoluene, Solid	ug/Kg	2372.809		2324.000	38.581 U	102	%	79-113	
4-Nitrotoluene, Solid	ug/Kg	2309.069		2324.000	54.153 U	99	%	78-112	
3-Nitrotoluene, Solid	ug/Kg	2421.269		2324.000	58.104 U	104	%	79-114	

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

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QUALITY CONTROL RESULTS

Job Number.: 211927 — Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	002HWLEXPA	211927-1		09/18/2002	0140

Test Method.....: 8330 — Equipment Code....: INST43 — Analyst...: san
Method Description.: Explosives by 8330 (HPLC) — Batch.....: 63654

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
HMX, Solid	ug/Kg	1173.475	1163.657	1168.000	131.966 U	100 0	% R	79-122 30	
RDX, Solid	ug/Kg	1123.490	1106.133	1168.000	68.435 U	96 1	% R	73-120 30	
1,3,5-Trinitrobenzene, Solid	ug/Kg	1232.102	1217.113	1168.000	20.437 U	106 1	% R	78-112 30	
1,3-Dinitrobenzene, Solid	ug/Kg	1213.008	1195.091	1168.000	20.788 U	104 1	% R	84-110 30	
Nitrobenzene, Solid	ug/Kg	1201.446	1189.630	1168.000	25.926 U	103 1	% R	80-109 30	
2,4,6-TNT, Solid	ug/Kg	1190.117	1188.584	1168.000	39.473 U	102 0	% R	79-115 30	
Tetryl, Solid	ug/Kg	2026.429	2023.137	2336.000	50.684 U	87 0	% R	27-147 30	
2,4-Dinitrotoluene, Solid	ug/Kg	1156.308	1161.042	1168.000	41.575 U	99 1	% R	83-114 30	
2,6-Dinitrotoluene, Solid	ug/Kg	2438.979	2442.419	2336.000	55.472 U	104 1	% R	82-108 30	
2-Amino-4,6-Dinitrotoluene, Solid	ug/Kg	2440.322	2413.483	2336.000	42.042 U	104 0	% R	81-109 30	
4-Amino-2,6-Dinitrotoluene, Solid	ug/Kg	2850.127	2804.932	2336.000	113.514 U	122 1	% R	84-119 30	*
2-Nitrotoluene, Solid	ug/Kg	2400.789	2372.809	2336.000	38.772 U	103 1	% R	79-113 30	
4-Nitrotoluene, Solid	ug/Kg	2334.162	2309.069	2336.000	54.421 U	100 1	% R	78-112 30	
3-Nitrotoluene, Solid	ug/Kg	2446.161	2421.269	2336.000	58.392 U	105 1	% R	79-114 30	

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211927

Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	0021WLBNAA	62700 -002		09/19/2002	1626

Test Method.....: 8270C
Method Description.: Semivolatile Organics

Equipment Code....: GCL4
Batch.....: 63720

Analyst...: dpk

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Phenol, Solid	ug/Kg	2193.861		3333.000	83.000 U	66	%	45-109	
Bis(2-chloroethyl)ether, Solid	ug/Kg	2181.898		3333.000	91.000 U	65	%	42-101	
1,3-Dichlorobenzene, Solid	ug/Kg	1997.283		3333.000	93.000 U	60	%	48-100	
1,4-Dichlorobenzene, Solid	ug/Kg	1968.367		3333.000	74.000 U	59	%	50-100	
1,2-Dichlorobenzene, Solid	ug/Kg	2125.029		3333.000	86.000 U	64	%	49-104	
Benzyl alcohol, Solid	ug/Kg	2345.597		3333.000	103.000 U	70	%	14-150	
2-Methylphenol (o-cresol), Solid	ug/Kg	2289.510		3333.000	124.000 U	69	%	50-102	
2,2-oxybis (1-chloropropane), Solid	ug/Kg	2380.633		3333.000	172.000 U	71	%	48-100	
n-Nitroso-di-n-propylamine, Solid	ug/Kg	2198.561		3333.000	101.000 U	66	%	49-138	
Hexachloroethane, Solid	ug/Kg	2231.661		3333.000	78.000 U	67	%	46-100	
4-Methylphenol (m/p-cresol), Solid	ug/Kg	2426.779		3333.000	118.000 U	73	%	49-109	
2-Chlorophenol, Solid	ug/Kg	2178.578		3333.000	69.000 U	65	%	52-103	
Nitrobenzene, Solid	ug/Kg	2136.325		3333.000	63.000 U	64	%	50-100	
Bis(2-chloroethoxy)methane, Solid	ug/Kg	2344.780		3333.000	59.000 U	70	%	55-116	
1,2,4-Trichlorobenzene, Solid	ug/Kg	2160.052		3333.000	49.000 U	65	%	53-107	
Benzoic acid, Solid	ug/Kg	2867.065		3333.000	171.000 U	86	%	40-143	
Isophorone, Solid	ug/Kg	2041.260		3333.000	50.000 U	61	%	52-116	
2,4-Dimethylphenol, Solid	ug/Kg	2403.806		3333.000	223.000 U	72	%	57-100	
Hexachlorobutadiene, Solid	ug/Kg	2131.092		3333.000	69.000 U	64	%	52-118	
Naphthalene, Solid	ug/Kg	2224.578		3333.000	64.000 U	67	%	57-100	
2,4-Dichlorophenol, Solid	ug/Kg	2369.803		3333.000	57.000 U	71	%	58-103	
4-Chloroaniline, Solid	ug/Kg	1289.537		3333.000	127.000 U	39	%	15-114	
2,4,6-Trichlorophenol, Solid	ug/Kg	2700.593		3333.000	68.000 U	81	%	57-105	
2,4,5-Trichlorophenol, Solid	ug/Kg	2147.099		3333.000	67.000 U	64	%	62-118	
Hexachlorocyclopentadiene, Solid	ug/Kg	1671.573		3333.000	121.000 U	50	%	32-100	
2-Methylnaphthalene, Solid	ug/Kg	2131.785		3333.000	238.000 U	64	%	53-100	
2-Nitroaniline, Solid	ug/Kg	2556.764		3333.000	107.000 U	77	%	55-106	
2-Chloronaphthalene, Solid	ug/Kg	2488.125		3333.000	54.000 U	75	%	59-114	
4-Chloro-3-methylphenol, Solid	ug/Kg	2488.062		3333.000	85.000 U	75	%	56-110	
2,6-Dinitrotoluene, Solid	ug/Kg	2670.287		3333.000	78.000 U	80	%	62-111	
2-Nitrophenol, Solid	ug/Kg	2222.354		3333.000	77.000 U	67	%	53-102	
3-Nitroaniline, Solid	ug/Kg	1797.085		3333.000	139.000 U	54	%	28-100	
Dimethyl phthalate, Solid	ug/Kg	2567.644		3333.000	75.000 U	77	%	63-105	
2,4-Dinitrophenol, Solid	ug/Kg	3098.389		3333.000	197.000 U	93	%	44-139	
Acenaphthylene, Solid	ug/Kg	2441.469		3333.000	55.000 U	73	%	60-102	
2,4-Dinitrotoluene, Solid	ug/Kg	2762.786		3333.000	74.000 U	83	%	61-113	
Acenaphthene, Solid	ug/Kg	2518.595		3333.000	53.000 U	76	%	61-100	
Dibenzofuran, Solid	ug/Kg	2480.442		3333.000	55.000 U	74	%	62-108	
4-Nitrophenol, Solid	ug/Kg	2411.813		3333.000	366.000 U	72	%	45-129	
Fluorene, Solid	ug/Kg	2368.840		3333.000	98.000 U	71	%	64-103	
4-Nitroaniline, Solid	ug/Kg	1532.445	J	3333.000	135.000 U	46	%	32-111	
4-Bromophenyl phenyl ether, Solid	ug/Kg	2952.390		3333.000	92.000 U	89	%	62-108	
Hexachlorobenzene, Solid	ug/Kg	2801.049		3333.000	71.000 U	84	%	62-105	
Diethyl phthalate, Solid	ug/Kg	2335.587		3333.000	95.000 U	70	%	62-110	
4-Chlorophenyl phenyl ether, Solid	ug/Kg	2394.899		3333.000	87.000 U	72	%	62-106	
Pentachlorophenol, Solid	ug/Kg	3158.228		3333.000	185.000 U	95	%	43-122	
n-Nitrosodiphenylamine, Solid	ug/Kg	2921.907		3333.000	108.000 U	88	%	63-108	
4,6-Dinitro-2-methylphenol, Solid	ug/Kg	3334.167		3333.000	141.000 U	100	%	67-130	
Phenanthrene, Solid	ug/Kg	2782.639		3333.000	69.000 U	83	%	64-108	
Anthracene, Solid	ug/Kg	2772.499		3333.000	73.000 U	83	%	63-107	

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

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	0021WLBNAA	62700 -002		09/19/2002	1626

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Carbazole, Solid	ug/Kg	2939.574		3333.000	85.000 U	88	%	62-104	
Di-n-butyl phthalate, Solid	ug/Kg	2791.492		3333.000	72.000 U	84	%	58-117	
Benzidine, Solid	ug/Kg	1970.000	U	3333.000	1970.000 U	0	%	10-100	*
Fluoranthene, Solid	ug/Kg	2673.183		3333.000	94.000 U	80	%	56-116	
Pyrene, Solid	ug/Kg	2409.356		3333.000	143.000 U	72	%	51-123	
Butyl benzyl phthalate, Solid	ug/Kg	2857.768		3333.000	115.000 U	86	%	56-113	
Benzo(a)anthracene, Solid	ug/Kg	2778.186		3333.000	53.000 U	83	%	62-109	
Chrysene, Solid	ug/Kg	2825.612		3333.000	40.000 U	85	%	60-106	
3,3-Dichlorobenzidine, Solid	ug/Kg	2573.641		3333.000	114.000 U	77	%	22-106	
Bis(2-ethylhexyl)phthalate, Solid	ug/Kg	2955.860		3333.000	113.000 U	89	%	56-117	
Di-n-octyl phthalate, Solid	ug/Kg	2747.389		3333.000	266.000 U	82	%	45-130	
Benzo(b)fluoranthene, Solid	ug/Kg	2950.760		3333.000	108.000 U	89	%	52-124	
Benzo(k)fluoranthene, Solid	ug/Kg	2380.163		3333.000	115.000 U	71	%	44-130	
Benzo(a)pyrene, Solid	ug/Kg	2745.549		3333.000	58.000 U	82	%	53-121	
Indeno(1,2,3-cd)pyrene, Solid	ug/Kg	2921.291		3333.000	112.000 U	88	%	49-136	
Dibenzo(a,h)anthracene, Solid	ug/Kg	3224.748		3333.000	112.000 U	97	%	55-131	
Benzo(ghi)perylene, Solid	ug/Kg	2822.312		3333.000	152.000 U	85	%	48-139	

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		62700 -001		09/19/2002	1554

Test Method.....: 8270C Equipment Code....: GCL4 Analyst...: dpk
Method Description.: Semivolatile Organics Batch.....: 63720

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Phenol, Solid	ug/Kg	83.000	U							
Bis(2-chloroethyl)ether, Solid	ug/Kg	91.000	U							
1,3-Dichlorobenzene, Solid	ug/Kg	93.000	U							
1,4-Dichlorobenzene, Solid	ug/Kg	74.000	U							
1,2-Dichlorobenzene, Solid	ug/Kg	86.000	U							
Benzyl alcohol, Solid	ug/Kg	103.000	U							
2-Methylphenol (o-cresol), Solid	ug/Kg	124.000	U							
2,2-oxybis (1-chloropropane), Solid	ug/Kg	172.000	U							
n-Nitroso-di-n-propylamine, Solid	ug/Kg	101.000	U							
Hexachloroethane, Solid	ug/Kg	78.000	U							
4-Methylphenol (m/p-cresol), Solid	ug/Kg	118.000	U							
2-Chlorophenol, Solid	ug/Kg	69.000	U							
Nitrobenzene, Solid	ug/Kg	63.000	U							
Bis(2-chloroethoxy)methane, Solid	ug/Kg	59.000	U							
1,2,4-Trichlorobenzene, Solid	ug/Kg	49.000	U							
Benzoic acid, Solid	ug/Kg	171.000	U							
Isophorone, Solid	ug/Kg	50.000	U							
2,4-Dimethylphenol, Solid	ug/Kg	223.000	U							
Hexachlorobutadiene, Solid	ug/Kg	69.000	U							
Naphthalene, Solid	ug/Kg	64.000	U							
2,4-Dichlorophenol, Solid	ug/Kg	57.000	U							
4-Chloroaniline, Solid	ug/Kg	127.000	U							
2,4,6-Trichlorophenol, Solid	ug/Kg	68.000	U							
2,4,5-Trichlorophenol, Solid	ug/Kg	67.000	U							
Hexachlorocyclopentadiene, Solid	ug/Kg	121.000	U							
2-Methylnaphthalene, Solid	ug/Kg	238.000	U							
2-Nitroaniline, Solid	ug/Kg	107.000	U							
2-Chloronaphthalene, Solid	ug/Kg	54.000	U							
4-Chloro-3-methylphenol, Solid	ug/Kg	85.000	U							
2,6-Dinitrotoluene, Solid	ug/Kg	78.000	U							
2-Nitrophenol, Solid	ug/Kg	77.000	U							
3-Nitroaniline, Solid	ug/Kg	139.000	U							
Dimethyl phthalate, Solid	ug/Kg	75.000	U							
2,4-Dinitrophenol, Solid	ug/Kg	197.000	U							
Acenaphthylene, Solid	ug/Kg	55.000	U							
2,4-Dinitrotoluene, Solid	ug/Kg	74.000	U							
Acenaphthene, Solid	ug/Kg	53.000	U							
Dibenzofuran, Solid	ug/Kg	55.000	U							
4-Nitrophenol, Solid	ug/Kg	366.000	U							
Fluorene, Solid	ug/Kg	98.000	U							
4-Nitroaniline, Solid	ug/Kg	135.000	U							
4-Bromophenyl phenyl ether, Solid	ug/Kg	92.000	U							
Hexachlorobenzene, Solid	ug/Kg	71.000	U							
Diethyl phthalate, Solid	ug/Kg	95.000	U							
4-Chlorophenyl phenyl ether, Solid	ug/Kg	87.000	U							
Pentachlorophenol, Solid	ug/Kg	185.000	U							
n-Nitrosodiphenylamine, Solid	ug/Kg	108.000	U							
4,6-Dinitro-2-methylphenol, Solid	ug/Kg	141.000	U							
Phenanthrene, Solid	ug/Kg	69.000	U							
Anthracene, Solid	ug/Kg	73.000	U							

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

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		62700 -001		09/19/2002	1554

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Carbazole, Solid	ug/Kg	85.000	U							
Di-n-butyl phthalate, Solid	ug/Kg	72.000	U							
Benzidine, Solid	ug/Kg	1970.000	U							
Fluoranthene, Solid	ug/Kg	94.000	U							
Pyrene, Solid	ug/Kg	143.000	U							
Butyl benzyl phthalate, Solid	ug/Kg	115.000	U							
Benzo(a)anthracene, Solid	ug/Kg	53.000	U							
Chrysene, Solid	ug/Kg	40.000	U							
3,3-Dichlorobenzidine, Solid	ug/Kg	114.000	U							
Bis(2-ethylhexyl)phthalate, Solid	ug/Kg	113.000	U							
Di-n-octyl phthalate, Solid	ug/Kg	266.000	U							
Benzo(b)fluoranthene, Solid	ug/Kg	108.000	U							
Benzo(k)fluoranthene, Solid	ug/Kg	115.000	U							
Benzo(a)pyrene, Solid	ug/Kg	58.000	U							
Indeno(1,2,3-cd)pyrene, Solid	ug/Kg	112.000	U							
Dibenzo(a,h)anthracene, Solid	ug/Kg	112.000	U							
Benzo(ghi)perylene, Solid	ug/Kg	152.000	U							

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCD	Laboratory Control Sample Duplicate	0021WLBNAA	63295 -003		09/20/2002	1950

Test Method.....: 8270C Equipment Code....: GCL4 Analyst...: dpk
Method Description.: Semivolatile Organics Batch.....: 63721

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Phenol, Solid	ug/Kg	2604.724	2489.518	3333.000	83.000 U	78 5	% R	45-109 20	
Bis(2-chloroethyl)ether, Solid	ug/Kg	2267.471	2310.430	3333.000	91.000 U	68 2	% R	42-101 20	
1,3-Dichlorobenzene, Solid	ug/Kg	2586.081	2496.385	3333.000	93.000 U	78 4	% R	48-100 20	
1,4-Dichlorobenzene, Solid	ug/Kg	2566.231	2561.551	3333.000	74.000 U	77 0	% R	50-100 20	
1,2-Dichlorobenzene, Solid	ug/Kg	2673.537	2567.381	3333.000	86.000 U	80 4	% R	49-104 20	
Benzyl alcohol, Solid	ug/Kg	3042.116	2940.417	3333.000	103.000 U	91 3	% R	14-150 20	
2-Methylphenol (o-cresol), Solid	ug/Kg	2715.613	2643.330	3333.000	124.000 U	81 3	% R	50-102 20	
2,2-oxybis (1-chloropropane), Solid	ug/Kg	3131.085	3006.330	3333.000	172.000 U	94 4	% R	48-100 20	
n-Nitroso-di-n-propylamine, Solid	ug/Kg	2834.442	2773.596	3333.000	101.000 U	85 2	% R	49-138 20	
Hexachloroethane, Solid	ug/Kg	2748.063	2600.701	3333.000	78.000 U	82 6	% R	46-100 20	
4-Methylphenol (m/p-cresol), Solid	ug/Kg	2944.961	2799.769	3333.000	118.000 U	88 5	% R	49-109 20	
2-Chlorophenol, Solid	ug/Kg	2836.642	2685.700	3333.000	69.000 U	85 5	% R	52-103 20	
Nitrobenzene, Solid	ug/Kg	2870.041	2748.829	3333.000	63.000 U	86 4	% R	50-100 20	
Bis(2-chloroethoxy)methane, Solid	ug/Kg	3111.196	2982.594	3333.000	59.000 U	93 4	% R	55-116 20	
1,2,4-Trichlorobenzene, Solid	ug/Kg	2848.552	2665.077	3333.000	49.000 U	85 7	% R	53-107 20	
Benzoic acid, Solid	ug/Kg	3258.197	3356.033	3333.000	171.000 U	98 3	% R	40-143 20	
Isophorone, Solid	ug/Kg	2748.783	2645.210	3333.000	50.000 U	82 4	% R	52-116 20	
2,4-Dimethylphenol, Solid	ug/Kg	2911.611	2870.001	3333.000	223.000 U	87 1	% R	57-100 20	
Hexachlorobutadiene, Solid	ug/Kg	2794.919	2690.746	3333.000	69.000 U	84 4	% R	52-118 20	
Naphthalene, Solid	ug/Kg	2818.535	2719.363	3333.000	64.000 U	85 4	% R	57-100 20	
2,4-Dichlorophenol, Solid	ug/Kg	3043.736	2908.718	3333.000	57.000 U	91 5	% R	58-103 20	
4-Chloroaniline, Solid	ug/Kg	2126.852	2108.579	3333.000	127.000 U	64 1	% R	15-114 20	
2,4,6-Trichlorophenol, Solid	ug/Kg	2927.941	2929.391	3333.000	68.000 U	88 0	% R	57-105 20	
2,4,5-Trichlorophenol, Solid	ug/Kg	3317.420	3192.561	3333.000	67.000 U	100 4	% R	62-118 20	
Hexachlorocyclopentadiene, Solid	ug/Kg	2307.124	2254.897	3333.000	121.000 U	69 2	% R	32-100 20	

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCD	Laboratory Control Sample Duplicate	002IWLBNAA	63295 -003		09/20/2002	1950

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
2-Methylnaphthalene, Solid	ug/Kg	2763.786	2670.177	3333.000	238.000 U	83.3	%	53-100	
							R	20	
2-Nitroaniline, Solid	ug/Kg	3064.543	2892.154	3333.000	107.000 U	92.6	%	55-106	
							R	20	
2-Chloronaphthalene, Solid	ug/Kg	2845.898	2856.068	3333.000	54.000 U	85.0	%	59-114	
							R	20	
4-Chloro-3-methylphenol, Solid	ug/Kg	3286.014	3115.169	3333.000	85.000 U	99.5	%	56-110	
							R	20	
2,6-Dinitrotoluene, Solid	ug/Kg	3167.002	3099.956	3333.000	78.000 U	95.2	%	62-111	
							R	20	
2-Nitrophenol, Solid	ug/Kg	2864.648	2796.062	3333.000	77.000 U	86.2	%	53-102	
							R	20	
3-Nitroaniline, Solid	ug/Kg	2578.654	2467.162	3333.000	139.000 U	77.4	%	28-100	
							R	20	
Dimethyl phthalate, Solid	ug/Kg	3094.952	2975.870	3333.000	75.000 U	93.4	%	63-105	
							R	20	
2,4-Dinitrophenol, Solid	ug/Kg	3213.525	2972.654	3333.000	197.000 U	96.8	%	44-139	
							R	20	
Acenaphthylene, Solid	ug/Kg	2844.692	2784.935	3333.000	55.000 U	85.2	%	60-102	
							R	20	
2,4-Dinitrotoluene, Solid	ug/Kg	3340.667	3129.139	3333.000	74.000 U	100.7	%	61-113	
							R	20	
Acenaphthene, Solid	ug/Kg	3056.786	3002.383	3333.000	53.000 U	92.2	%	61-100	
							R	20	
Dibenzofuran, Solid	ug/Kg	2867.578	2834.748	3333.000	55.000 U	86.1	%	62-108	
							R	20	
4-Nitrophenol, Solid	ug/Kg	3423.399	2918.441	3333.000	366.000 U	103.16	%	45-129	
							R	20	
Fluorene, Solid	ug/Kg	2885.601	2820.425	3333.000	98.000 U	87.2	%	64-103	
							R	20	
4-Nitroaniline, Solid	ug/Kg	2816.765	2706.526	3333.000	135.000 U	85.4	%	32-111	
							R	20	
4-Bromophenyl phenyl ether, Solid	ug/Kg	3111.182	3043.170	3333.000	92.000 U	93.2	%	62-108	
							R	20	
Hexachlorobenzene, Solid	ug/Kg	3023.630	3067.286	3333.000	71.000 U	91.1	%	62-105	
							R	20	
Diethyl phthalate, Solid	ug/Kg	3265.654	3124.989	3333.000	95.000 U	98.4	%	62-110	
							R	20	
4-Chlorophenyl phenyl ether, Solid	ug/Kg	2932.761	2908.378	3333.000	87.000 U	88.1	%	62-106	
							R	20	
Pentachlorophenol, Solid	ug/Kg	3756.996	3605.264	3333.000	185.000 U	113.4	%	43-122	
							R	20	
n-Nitrosodiphenylamine, Solid	ug/Kg	3243.984	3187.751	3333.000	108.000 U	97.2	%	63-108	
							R	20	
4,6-Dinitro-2-methylphenol, Solid	ug/Kg	3767.029	3637.930	3333.000	141.000 U	113.3	%	67-130	
							R	20	
Phenanthrene, Solid	ug/Kg	3024.206	2990.780	3333.000	69.000 U	91.1	%	64-108	
							R	20	
Anthracene, Solid	ug/Kg	3097.186	3103.766	3333.000	73.000 U	93.0	%	63-107	
							R	20	
Carbazole, Solid	ug/Kg	3582.498	3314.887	3333.000	85.000 U	107.8	%	62-104	*
							R	20	
Di-n-butyl phthalate, Solid	ug/Kg	3161.225	3142.115	3333.000	72.000 U	95.1	%	58-117	
							R	20	

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date Time
LCD	Laboratory Control Sample Duplicate	002IWLBNAA	63295 -003		09/20/2002 1950

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	* Limits	F
Benzidine, Solid	ug/Kg	1970.000 U	1970.000 U	3333.000	1970.000 U	37 8	% 10-100 R 20	
Fluoranthene, Solid	ug/Kg	3170.922	3042.456	3333.000	94.000 U	95 4	% 56-116 R 20	
Pyrene, Solid	ug/Kg	3034.616	3019.363	3333.000	143.000 U	91 1	% 51-123 R 20	
Butyl benzyl phthalate, Solid	ug/Kg	3284.330	3181.068	3333.000	115.000 U	99 3	% 56-113 R 20	
Benzo(a)anthracene, Solid	ug/Kg	3035.756	3014.303	3333.000	53.000 U	91 1	% 62-109 R 20	
Chrysene, Solid	ug/Kg	2879.461	2855.115	3333.000	40.000 U	86 1	% 60-106 R 20	
3,3-Dichlorobenzidine, Solid	ug/Kg	2947.127	3074.443	3333.000	114.000 U	88 4	% 22-106 R 20	
Bis(2-ethylhexyl)phthalate, Solid	ug/Kg	3285.097	3138.602	3333.000	113.000 U	99 5	% 56-117 R 20	
Di-n-octyl phthalate, Solid	ug/Kg	3302.767	3134.389	3333.000	266.000 U	99 5	% 45-130 R 20	
Benzo(b)fluoranthene, Solid	ug/Kg	3012.457	3260.764	3333.000	108.000 U	90 8	% 52-124 R 20	
Benzo(k)fluoranthene, Solid	ug/Kg	3079.786	2850.621	3333.000	115.000 U	92 8	% 44-130 R 20	
Benzo(a)pyrene, Solid	ug/Kg	3093.356	3100.429	3333.000	58.000 U	93 0	% 53-121 R 20	
Indeno(1,2,3-cd)pyrene, Solid	ug/Kg	3060.706	3189.598	3333.000	112.000 U	92 4	% 49-136 R 20	
Dibenzo(a,h)anthracene, Solid	ug/Kg	3205.881	3333.833	3333.000	112.000 U	96 4	% 55-131 R 20	
Benzo(ghi)perylene, Solid	ug/Kg	3085.786	3226.531	3333.000	152.000 U	93 4	% 48-139 R 20	

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211927

Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	0021WLBNAA	63295 -002		09/20/2002	1917

Test Method.....: 8270C
Method Description.: Semivolatile Organics

Equipment Code....: GCL4
Batch.....: 63721

Analyst...: dpk

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Phenol, Solid	ug/Kg	2489.518		3333.000	83.000 U	75	%	45-109	
Bis(2-chloroethyl)ether, Solid	ug/Kg	2310.430		3333.000	91.000 U	69	%	42-101	
1,3-Dichlorobenzene, Solid	ug/Kg	2496.385		3333.000	93.000 U	75	%	48-100	
1,4-Dichlorobenzene, Solid	ug/Kg	2561.551		3333.000	74.000 U	77	%	50-100	
1,2-Dichlorobenzene, Solid	ug/Kg	2567.381		3333.000	86.000 U	77	%	49-104	
Benzyl alcohol, Solid	ug/Kg	2940.417		3333.000	103.000 U	88	%	14-150	
2-Methylphenol (o-cresol), Solid	ug/Kg	2643.330		3333.000	124.000 U	79	%	50-102	
2,2-oxybis (1-chloropropane), Solid	ug/Kg	3006.330		3333.000	172.000 U	90	%	48-100	
n-Nitroso-di-n-propylamine, Solid	ug/Kg	2773.596		3333.000	101.000 U	83	%	49-138	
Hexachloroethane, Solid	ug/Kg	2600.701		3333.000	78.000 U	78	%	46-100	
4-Methylphenol (m/p-cresol), Solid	ug/Kg	2799.769		3333.000	118.000 U	84	%	49-109	
2-Chlorophenol, Solid	ug/Kg	2685.700		3333.000	69.000 U	81	%	52-103	
Nitrobenzene, Solid	ug/Kg	2748.829		3333.000	63.000 U	82	%	50-100	
Bis(2-chloroethoxy)methane, Solid	ug/Kg	2982.594		3333.000	59.000 U	89	%	55-116	
1,2,4-Trichlorobenzene, Solid	ug/Kg	2665.077		3333.000	49.000 U	80	%	53-107	
Benzoic acid, Solid	ug/Kg	3356.033		3333.000	171.000 U	101	%	40-143	
Isophorone, Solid	ug/Kg	2645.210		3333.000	50.000 U	79	%	52-116	
2,4-Dimethylphenol, Solid	ug/Kg	2870.001		3333.000	223.000 U	86	%	57-100	
Hexachlorobutadiene, Solid	ug/Kg	2690.746		3333.000	69.000 U	81	%	52-118	
Naphthalene, Solid	ug/Kg	2719.363		3333.000	64.000 U	82	%	57-100	
2,4-Dichlorophenol, Solid	ug/Kg	2908.718		3333.000	57.000 U	87	%	58-103	
4-Chloroaniline, Solid	ug/Kg	2108.579		3333.000	127.000 U	63	%	15-114	
2,4,6-Trichlorophenol, Solid	ug/Kg	2929.391		3333.000	68.000 U	88	%	57-105	
2,4,5-Trichlorophenol, Solid	ug/Kg	3192.561		3333.000	67.000 U	96	%	62-118	
Hexachlorocyclopentadiene, Solid	ug/Kg	2254.897		3333.000	121.000 U	68	%	32-100	
2-Methylnaphthalene, Solid	ug/Kg	2670.177		3333.000	238.000 U	80	%	53-100	
2-Nitroaniline, Solid	ug/Kg	2892.154		3333.000	107.000 U	87	%	55-106	
2-Chloronaphthalene, Solid	ug/Kg	2856.068		3333.000	54.000 U	86	%	59-114	
4-Chloro-3-methylphenol, Solid	ug/Kg	3115.169		3333.000	85.000 U	93	%	56-110	
2,6-Dinitrotoluene, Solid	ug/Kg	3099.956		3333.000	78.000 U	93	%	62-111	
2-Nitrophenol, Solid	ug/Kg	2796.062		3333.000	77.000 U	84	%	53-102	
3-Nitroaniline, Solid	ug/Kg	2467.162		3333.000	139.000 U	74	%	28-100	
Dimethyl phthalate, Solid	ug/Kg	2975.870		3333.000	75.000 U	89	%	63-105	
2,4-Dinitrophenol, Solid	ug/Kg	2972.654		3333.000	197.000 U	89	%	44-139	
Acenaphthylene, Solid	ug/Kg	2784.935		3333.000	55.000 U	84	%	60-102	
2,4-Dinitrotoluene, Solid	ug/Kg	3129.139		3333.000	74.000 U	94	%	61-113	
Acenaphthene, Solid	ug/Kg	3002.383		3333.000	53.000 U	90	%	61-100	
Dibenzofuran, Solid	ug/Kg	2834.748		3333.000	55.000 U	85	%	62-108	
4-Nitrophenol, Solid	ug/Kg	2918.441		3333.000	366.000 U	88	%	45-129	
Fluorene, Solid	ug/Kg	2820.425		3333.000	98.000 U	85	%	64-103	
4-Nitroaniline, Solid	ug/Kg	2706.526		3333.000	135.000 U	81	%	32-111	
4-Bromophenyl phenyl ether, Solid	ug/Kg	3043.170		3333.000	92.000 U	91	%	62-108	
Hexachlorobenzene, Solid	ug/Kg	3067.286		3333.000	71.000 U	92	%	62-105	
Diethyl phthalate, Solid	ug/Kg	3124.989		3333.000	95.000 U	94	%	62-110	
4-Chlorophenyl phenyl ether, Solid	ug/Kg	2908.378		3333.000	87.000 U	87	%	62-106	
Pentachlorophenol, Solid	ug/Kg	3605.264		3333.000	185.000 U	108	%	43-122	
n-Nitrosodiphenylamine, Solid	ug/Kg	3187.751		3333.000	108.000 U	96	%	63-108	
4,6-Dinitro-2-methylphenol, Solid	ug/Kg	3637.930		3333.000	141.000 U	109	%	67-130	
Phenanthrene, Solid	ug/Kg	2990.780		3333.000	69.000 U	90	%	64-108	
Anthracene, Solid	ug/Kg	3103.766		3333.000	73.000 U	93	%	63-107	

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	002IWLBNAA	63295 -002		09/20/2002	1917

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Carbazole, Solid	ug/Kg	3314.887		3333.000	85.000 U	99	%	62-104	
Di-n-butyl phthalate, Solid	ug/Kg	3142.115		3333.000	72.000 U	94	%	58-117	
Benzidine, Solid	ug/Kg	1970.000	U	3333.000	1970.000 U	34	%	10-100	
Fluoranthene, Solid	ug/Kg	3042.456		3333.000	94.000 U	91	%	56-116	
Pyrene, Solid	ug/Kg	3019.363		3333.000	143.000 U	91	%	51-123	
Butyl benzyl phthalate, Solid	ug/Kg	3181.068		3333.000	115.000 U	95	%	56-113	
Benzo(a)anthracene, Solid	ug/Kg	3014.303		3333.000	53.000 U	90	%	62-109	
Chrysene, Solid	ug/Kg	2855.115		3333.000	40.000 U	86	%	60-106	
3,3-Dichlorobenzidine, Solid	ug/Kg	3074.443		3333.000	114.000 U	92	%	22-106	
Bis(2-ethylhexyl)phthalate, Solid	ug/Kg	3138.602		3333.000	113.000 U	94	%	56-117	
Di-n-octyl phthalate, Solid	ug/Kg	3134.389		3333.000	266.000 U	94	%	45-130	
Benzo(b)fluoranthene, Solid	ug/Kg	3260.764		3333.000	108.000 U	98	%	52-124	
Benzo(k)fluoranthene, Solid	ug/Kg	2850.621		3333.000	115.000 U	86	%	44-130	
Benzo(a)pyrene, Solid	ug/Kg	3100.429		3333.000	58.000 U	93	%	53-121	
Indeno(1,2,3-cd)pyrene, Solid	ug/Kg	3189.598		3333.000	112.000 U	96	%	49-136	
Dibenzo(a,h)anthracene, Solid	ug/Kg	3333.833		3333.000	112.000 U	100	%	55-131	
Benzo(ghi)perylene, Solid	ug/Kg	3226.531		3333.000	152.000 U	97	%	48-139	

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		63295 -001		09/20/2002	1844

Test Method.....: 8270C Equipment Code....: GCL4 Analyst...: dpk
Method Description.: Semivolatile Organics Batch.....: 63721

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Phenol, Solid	ug/Kg	83.000	U							
Bis(2-chloroethyl)ether, Solid	ug/Kg	91.000	U							
1,3-Dichlorobenzene, Solid	ug/Kg	93.000	U							
1,4-Dichlorobenzene, Solid	ug/Kg	74.000	U							
1,2-Dichlorobenzene, Solid	ug/Kg	86.000	U							
Benzyl alcohol, Solid	ug/Kg	103.000	U							
2-Methylphenol (o-cresol), Solid	ug/Kg	124.000	U							
2,2-oxybis (1-chloropropane), Solid	ug/Kg	172.000	U							
n-Nitroso-di-n-propylamine, Solid	ug/Kg	101.000	U							
Hexachloroethane, Solid	ug/Kg	78.000	U							
4-Methylphenol (m/p-cresol), Solid	ug/Kg	118.000	U							
2-Chlorophenol, Solid	ug/Kg	69.000	U							
Nitrobenzene, Solid	ug/Kg	63.000	U							
Bis(2-chloroethoxy)methane, Solid	ug/Kg	59.000	U							
1,2,4-Trichlorobenzene, Solid	ug/Kg	49.000	U							
Benzoic acid, Solid	ug/Kg	171.000	U							
Isophorone, Solid	ug/Kg	50.000	U							
2,4-Dimethylphenol, Solid	ug/Kg	223.000	U							
Hexachlorobutadiene, Solid	ug/Kg	69.000	U							
Naphthalene, Solid	ug/Kg	64.000	U							
2,4-Dichlorophenol, Solid	ug/Kg	57.000	U							
4-Chloroaniline, Solid	ug/Kg	127.000	U							
2,4,6-Trichlorophenol, Solid	ug/Kg	68.000	U							
2,4,5-Trichlorophenol, Solid	ug/Kg	67.000	U							
Hexachlorocyclopentadiene, Solid	ug/Kg	121.000	U							
2-Methylnaphthalene, Solid	ug/Kg	238.000	U							
2-Nitroaniline, Solid	ug/Kg	107.000	U							
2-Chloronaphthalene, Solid	ug/Kg	54.000	U							
4-Chloro-3-methylphenol, Solid	ug/Kg	85.000	U							
2,6-Dinitrotoluene, Solid	ug/Kg	78.000	U							
2-Nitrophenol, Solid	ug/Kg	77.000	U							
3-Nitroaniline, Solid	ug/Kg	139.000	U							
Dimethyl phthalate, Solid	ug/Kg	75.000	U							
2,4-Dinitrophenol, Solid	ug/Kg	197.000	U							
Acenaphthylene, Solid	ug/Kg	55.000	U							
2,4-Dinitrotoluene, Solid	ug/Kg	74.000	U							
Acenaphthene, Solid	ug/Kg	53.000	U							
Dibenzofuran, Solid	ug/Kg	55.000	U							
4-Nitrophenol, Solid	ug/Kg	366.000	U							
Fluorene, Solid	ug/Kg	98.000	U							
4-Nitroaniline, Solid	ug/Kg	135.000	U							
4-Bromophenyl phenyl ether, Solid	ug/Kg	92.000	U							
Hexachlorobenzene, Solid	ug/Kg	71.000	U							
Diethyl phthalate, Solid	ug/Kg	95.000	U							
4-Chlorophenyl phenyl ether, Solid	ug/Kg	87.000	U							
Pentachlorophenol, Solid	ug/Kg	185.000	U							
n-Nitrosodiphenylamine, Solid	ug/Kg	108.000	U							
4,6-Dinitro-2-methylphenol, Solid	ug/Kg	141.000	U							
Phenanthrene, Solid	ug/Kg	69.000	U							
Anthracene, Solid	ug/Kg	73.000	U							

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

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		63295 -001		09/20/2002	1844

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Carbazole, Solid	ug/Kg	85.000	U							
Di-n-butyl phthalate, Solid	ug/Kg	72.000	U							
Benzidine, Solid	ug/Kg	1970.000	U							
Fluoranthene, Solid	ug/Kg	94.000	U							
Pyrene, Solid	ug/Kg	143.000	U							
Butyl benzyl phthalate, Solid	ug/Kg	115.000	U							
Benzo(a)anthracene, Solid	ug/Kg	53.000	U							
Chrysene, Solid	ug/Kg	40.000	U							
3,3-Dichlorobenzidine, Solid	ug/Kg	114.000	U							
Bis(2-ethylhexyl)phthalate, Solid	ug/Kg	113.000	U							
Di-n-octyl phthalate, Solid	ug/Kg	266.000	U							
Benzo(b)fluoranthene, Solid	ug/Kg	108.000	U							
Benzo(k)fluoranthene, Solid	ug/Kg	115.000	U							
Benzo(a)pyrene, Solid	ug/Kg	58.000	U							
Indeno(1,2,3-cd)pyrene, Solid	ug/Kg	112.000	U							
Dibenzo(a,h)anthracene, Solid	ug/Kg	112.000	U							
Benzo(ghi)perylene, Solid	ug/Kg	152.000	U							

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

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

Test Method.....: 8270C Equipment Code....: GCL4 Analyst...: dpk
Method Description.: Semivolatile Organics Batch.....: 63721

MS	Matrix Spike	0021WLBNAA	211927-3		09/20/2002	2305

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Phenol, Solid	ug/Kg	2725.909		3939.000	98.082 U	69	%	45-109	
Bis(2-chloroethyl)ether, Solid	ug/Kg	2140.808		3939.000	107.535 U	54	%	42-101	
1,3-Dichlorobenzene, Solid	ug/Kg	2410.601		3939.000	109.899 U	61	%	48-100	
1,4-Dichlorobenzene, Solid	ug/Kg	2445.537		3939.000	87.446 U	62	%	50-100	
1,2-Dichlorobenzene, Solid	ug/Kg	2602.851		3939.000	101.627 U	66	%	49-104	
Benzyl alcohol, Solid	ug/Kg	3132.392		3939.000	121.716 U	80	%	14-150	
2-Methylphenol (o-cresol), Solid	ug/Kg	2858.141		3939.000	146.532 U	73	%	50-102	
2,2-oxybis (1-chloropropane), Solid	ug/Kg	2856.526		3939.000	203.254 U	73	%	48-100	
n-Nitroso-di-n-propylamine, Solid	ug/Kg	2887.745		3939.000	119.353 U	73	%	49-138	
Hexachloroethane, Solid	ug/Kg	2489.502		3939.000	92.173 U	63	%	46-100	
4-Methylphenol (m/p-cresol), Solid	ug/Kg	3166.423		3939.000	139.442 U	80	%	49-109	
2-Chlorophenol, Solid	ug/Kg	2772.587		3939.000	81.538 U	70	%	52-103	
Nitrobenzene, Solid	ug/Kg	2755.233		3939.000	74.448 U	70	%	50-100	
Bis(2-chloroethoxy)methane, Solid	ug/Kg	3112.962		3939.000	69.721 U	79	%	55-116	
1,2,4-Trichlorobenzene, Solid	ug/Kg	2660.376		3939.000	57.904 U	68	%	53-107	
Benzoic acid, Solid	ug/Kg	3438.074		3939.000	202.072 U	87	%	40-143	
Isophorone, Solid	ug/Kg	2799.635		3939.000	59.085 U	71	%	52-116	
2,4-Dimethylphenol, Solid	ug/Kg	3068.258		3939.000	263.521 U	78	%	57-100	
Hexachlorobutadiene, Solid	ug/Kg	2658.836		3939.000	81.538 U	68	%	52-118	
Naphthalene, Solid	ug/Kg	2796.326		3939.000	75.629 U	71	%	57-100	
2,4-Dichlorophenol, Solid	ug/Kg	3162.012		3939.000	67.357 U	80	%	58-103	
4-Chloroaniline, Solid	ug/Kg	2648.273		3939.000	150.077 U	67	%	15-114	
2,4,6-Trichlorophenol, Solid	ug/Kg	3341.307		3939.000	80.356 U	85	%	57-105	
2,4,5-Trichlorophenol, Solid	ug/Kg	3637.804		3939.000	79.174 U	92	%	62-118	
Hexachlorocyclopentadiene, Solid	ug/Kg	1924.748		3939.000	142.987 U	49	%	32-100	
2-Methylnaphthalene, Solid	ug/Kg	2819.033		3939.000	281.247 U	72	%	53-100	
2-Nitroaniline, Solid	ug/Kg	3371.608		3939.000	126.443 U	86	%	55-106	
2-Chloronaphthalene, Solid	ug/Kg	3090.586		3939.000	63.812 U	78	%	59-114	
4-Chloro-3-methylphenol, Solid	ug/Kg	3559.774		3939.000	100.445 U	90	%	56-110	
2,6-Dinitrotoluene, Solid	ug/Kg	3538.788		3939.000	92.173 U	90	%	62-111	
2-Nitrophenol, Solid	ug/Kg	2795.019		3939.000	90.992 U	71	%	53-102	
3-Nitroaniline, Solid	ug/Kg	3084.060		3939.000	164.258 U	78	%	28-100	
Dimethyl phthalate, Solid	ug/Kg	3404.784		3939.000	88.628 U	86	%	63-105	
2,4-Dinitrophenol, Solid	ug/Kg	2460.052		3939.000	232.797 U	62	%	44-139	
Acenaphthylene, Solid	ug/Kg	3062.089		3939.000	64.994 U	78	%	60-102	
2,4-Dinitrotoluene, Solid	ug/Kg	3585.994		3939.000	87.446 U	91	%	61-113	
Acenaphthene, Solid	ug/Kg	3410.149		3939.000	874.375	64	%	61-100	
Dibenzofuran, Solid	ug/Kg	3166.395		3939.000	393.879	70	%	62-108	
4-Nitrophenol, Solid	ug/Kg	3734.430		3939.000	432.505 U	95	%	45-129	
Fluorene, Solid	ug/Kg	3196.700		3939.000	1013.424	55	%	64-103	*
4-Nitroaniline, Solid	ug/Kg	3074.028		3939.000	159.531 U	78	%	32-111	
4-Bromophenyl phenyl ether, Solid	ug/Kg	3567.494		3939.000	108.717 U	91	%	62-108	
Hexachlorobenzene, Solid	ug/Kg	3495.167		3939.000	83.901 U	89	%	62-105	
Diethyl phthalate, Solid	ug/Kg	3552.263		3939.000	112.262 U	90	%	62-110	
4-Chlorophenyl phenyl ether, Solid	ug/Kg	3224.000		3939.000	102.809 U	82	%	62-106	
Pentachlorophenol, Solid	ug/Kg	4026.346		3939.000	218.616 U	102	%	43-122	
n-Nitrosodiphenylamine, Solid	ug/Kg	3725.386		3939.000	127.625 U	95	%	63-108	
4,6-Dinitro-2-methylphenol, Solid	ug/Kg	3266.243		3939.000	166.621 U	83	%	67-130	
Phenanthrene, Solid	ug/Kg	4717.872		3939.000	8602.818	-99	%	64-108	*
Anthracene, Solid	ug/Kg	3615.921		3939.000	1819.670	46	%	63-107	*

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

QUALITY CONTROL RESULTS

Job Number.: 211927

Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	0021WLBNAA	211927-3		09/20/2002	2305

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Carbazole, Solid	ug/Kg	3872.290		3939.000	992.895	73	%	62-104	
Di-n-butyl phthalate, Solid	ug/Kg	3484.497		3939.000	85.083 U	88	%	58-117	
Benzidine, Solid	ug/Kg	2327.966 U		3939.000	2327.966 U	28	%	10-100	
Fluoranthene, Solid	ug/Kg	5269.376		3939.000	10359.657	-129	%	56-116	*
Pyrene, Solid	ug/Kg	5178.351		3939.000	7961.865	-71	%	51-123	*
Butyl benzyl phthalate, Solid	ug/Kg	3874.027		3939.000	135.897 U	98	%	56-113	
Benzo(a)anthracene, Solid	ug/Kg	4182.793		3939.000	4387.845	-5	%	62-109	*
Chrysene, Solid	ug/Kg	4280.868		3939.000	5346.339	-27	%	60-106	*
3,3-Dichlorobenzidine, Solid	ug/Kg	3624.495		3939.000	134.715 U	92	%	22-106	
Bis(2-ethylhexyl)phthalate, Solid	ug/Kg	3802.310		3939.000	133.533 U	97	%	56-117	
Di-n-octyl phthalate, Solid	ug/Kg	3879.321		3939.000	314.335 U	98	%	45-130	
Benzo(b)fluoranthene, Solid	ug/Kg	4504.747		3939.000	4786.091	-7	%	52-124	*
Benzo(k)fluoranthene, Solid	ug/Kg	3953.440		3939.000	3469.391	12	%	44-130	*
Benzo(a)pyrene, Solid	ug/Kg	4172.159		3939.000	3720.833	11	%	53-121	*
Indeno(1,2,3-cd)pyrene, Solid	ug/Kg	3733.264		3939.000	2355.671	35	%	49-136	*
Dibenzo(a,h)anthracene, Solid	ug/Kg	3801.491		3939.000	1078.335	69	%	55-131	
Benzo(ghi)perylene, Solid	ug/Kg	3915.986		3939.000	2551.533	35	%	48-139	*

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

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

Test Method.....: 8270C Equipment Code....: GCL4 Analyst...: dpk
Method Description.: Semivolatile Organics Batch.....: 63721

MSD	Matrix Spike Duplicate	002IWLBNAA	211927-3		09/20/2002	2338

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Phenol, Solid	ug/Kg	2409.132	2725.909	3939.000	98.082 U	61	%	45-109	
						12	R	20	
Bis(2-chloroethyl)ether, Solid	ug/Kg	1593.366	2140.808	3939.000	107.535 U	40	%	42-101	*
						30	R	20	*
1,3-Dichlorobenzene, Solid	ug/Kg	1623.552	2410.601	3939.000	109.899 U	41	%	48-100	*
						39	R	20	*
1,4-Dichlorobenzene, Solid	ug/Kg	1712.631	2445.537	3939.000	87.446 U	43	%	50-100	*
						36	R	20	*
1,2-Dichlorobenzene, Solid	ug/Kg	1910.139	2602.851	3939.000	101.627 U	48	%	49-104	*
						32	R	20	*
Benzyl alcohol, Solid	ug/Kg	2779.098	3132.392	3939.000	121.716 U	71	%	14-150	
						12	R	20	
2-Methylphenol (o-cresol), Solid	ug/Kg	2614.128	2858.141	3939.000	146.532 U	66	%	50-102	
						10	R	20	
2,2-oxybis (1-chloropropane), Solid	ug/Kg	2112.678	2856.526	3939.000	203.254 U	54	%	48-100	
						30	R	20	*
n-Nitroso-di-n-propylamine, Solid	ug/Kg	2494.149	2887.745	3939.000	119.353 U	63	%	49-138	
						15	R	20	
Hexachloroethane, Solid	ug/Kg	1751.203	2489.502	3939.000	92.173 U	44	%	46-100	*
						36	R	20	*
4-Methylphenol (m/p-cresol), Solid	ug/Kg	2790.958	3166.423	3939.000	139.442 U	71	%	49-109	
						12	R	20	
2-Chlorophenol, Solid	ug/Kg	2368.330	2772.587	3939.000	81.538 U	60	%	52-103	
						15	R	20	
Nitrobenzene, Solid	ug/Kg	2389.308	2755.233	3939.000	74.448 U	61	%	50-100	
						14	R	20	
Bis(2-chloroethoxy)methane, Solid	ug/Kg	2785.676	3112.962	3939.000	69.721 U	71	%	55-116	
						11	R	20	
1,2,4-Trichlorobenzene, Solid	ug/Kg	2400.254	2660.376	3939.000	57.904 U	61	%	53-107	
						11	R	20	
Benzoic acid, Solid	ug/Kg	2973.798	3438.074	3939.000	202.072 U	76	%	40-143	
						13	R	20	
Isophorone, Solid	ug/Kg	2538.941	2799.635	3939.000	59.085 U	64	%	52-116	
						10	R	20	
2,4-Dimethylphenol, Solid	ug/Kg	2981.085	3068.258	3939.000	263.521 U	76	%	57-100	
						3	R	20	
Hexachlorobutadiene, Solid	ug/Kg	2143.916	2658.836	3939.000	81.538 U	54	%	52-118	
						23	R	20	*
Naphthalene, Solid	ug/Kg	2582.511	2796.326	3939.000	75.629 U	66	%	57-100	
						7	R	20	
2,4-Dichlorophenol, Solid	ug/Kg	3071.574	3162.012	3939.000	67.357 U	78	%	58-103	
						3	R	20	
4-Chloroaniline, Solid	ug/Kg	2501.015	2648.273	3939.000	150.077 U	63	%	15-114	
						6	R	20	
2,4,6-Trichlorophenol, Solid	ug/Kg	3082.925	3341.307	3939.000	80.356 U	78	%	57-105	
						9	R	20	
2,4,5-Trichlorophenol, Solid	ug/Kg	3529.883	3637.804	3939.000	79.174 U	90	%	62-118	
						2	R	20	
Hexachlorocyclopentadiene, Solid	ug/Kg	1386.987	1924.748	3939.000	142.987 U	35	%	32-100	
						33	R	20	*

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	002IWLBNAA	211927-3		09/20/2002	2338

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
2-Methylnaphthalene, Solid	ug/Kg	2650.545	2819.033	3939.000	281.247 U	67	%	53-100	
						7	R	20	
2-Nitroaniline, Solid	ug/Kg	3289.426	3371.608	3939.000	126.443 U	84	%	55-106	
						2	R	20	
2-Chloronaphthalene, Solid	ug/Kg	2951.635	3090.586	3939.000	63.812 U	75	%	59-114	
						4	R	20	
4-Chloro-3-methylphenol, Solid	ug/Kg	3306.327	3559.774	3939.000	100.445 U	84	%	56-110	
						7	R	20	
2,6-Dinitrotoluene, Solid	ug/Kg	3269.854	3538.788	3939.000	92.173 U	83	%	62-111	
						8	R	20	
2-Nitrophenol, Solid	ug/Kg	2485.890	2795.019	3939.000	90.992 U	63	%	53-102	
						12	R	20	
3-Nitroaniline, Solid	ug/Kg	2921.452	3084.060	3939.000	164.258 U	74	%	28-100	
						5	R	20	
Dimethyl phthalate, Solid	ug/Kg	3250.874	3404.784	3939.000	88.628 U	83	%	63-105	
						4	R	20	
2,4-Dinitrophenol, Solid	ug/Kg	2158.182	2460.052	3939.000	232.797 U	55	%	44-139	
						12	R	20	
Acenaphthylene, Solid	ug/Kg	2933.525	3062.089	3939.000	64.994 U	74	%	60-102	
						5	R	20	
2,4-Dinitrotoluene, Solid	ug/Kg	3240.397	3585.994	3939.000	87.446 U	82	%	61-113	
						10	R	20	
Acenaphthene, Solid	ug/Kg	4568.121	3410.149	3939.000	874.375	94	%	61-100	
						38	R	20	*
Dibenzofuran, Solid	ug/Kg	3619.934	3166.395	3939.000	393.879	82	%	62-108	
						16	R	20	
4-Nitrophenol, Solid	ug/Kg	3152.787	3734.430	3939.000	432.505 U	80	%	45-129	
						17	R	20	
Fluorene, Solid	ug/Kg	4209.616	3196.700	3939.000	1013.424	81	%	64-103	
						38	R	20	*
4-Nitroaniline, Solid	ug/Kg	2795.397	3074.028	3939.000	159.531 U	71	%	32-111	
						9	R	20	
4-Bromophenyl phenyl ether, Solid	ug/Kg	3903.056	3567.494	3939.000	108.717 U	99	%	62-108	
						8	R	20	
Hexachlorobenzene, Solid	ug/Kg	3696.204	3495.167	3939.000	83.901 U	94	%	62-105	
						5	R	20	
Diethyl phthalate, Solid	ug/Kg	3230.853	3552.263	3939.000	112.262 U	82	%	62-110	
						9	R	20	
4-Chlorophenyl phenyl ether, Solid	ug/Kg	2717.480	3224.000	3939.000	102.809 U	69	%	62-106	
						17	R	20	
Pentachlorophenol, Solid	ug/Kg	3645.698	4026.346	3939.000	218.616 U	93	%	43-122	
						9	R	20	
n-Nitrosodiphenylamine, Solid	ug/Kg	4177.515	3725.386	3939.000	127.625 U	106	%	63-108	
						11	R	20	
4,6-Dinitro-2-methylphenol, Solid	ug/Kg	2947.562	3266.243	3939.000	166.621 U	75	%	67-130	
						10	R	20	
Phenanthrene, Solid	ug/Kg	17496.590	4717.872	3939.000	8602.818	226	%	64-108	*
						512	R	20	*
Anthracene, Solid	ug/Kg	6423.626	3615.921	3939.000	1819.670	117	%	63-107	*
						87	R	20	*
Carbazole, Solid	ug/Kg	5954.876	3872.290	3939.000	992.895	126	%	62-104	*
						53	R	20	*
Di-n-butyl phthalate, Solid	ug/Kg	3616.122	3484.497	3939.000	85.083 U	92	%	58-117	
						4	R	20	

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	0021WLBNAA	211927-3		09/20/2002	2338

Parameter/Test Description	Units	QC Result		QC Result		True Value	Orig. Value		QC Calc.		Limits		F
Benzidine, Solid	ug/Kg	2327.966	U	2327.966	U	3939.000	2327.966	U	37	%	10-100		
									28	R	20		*
Fluoranthene, Solid	ug/Kg	18415.422		5269.376		3939.000	10359.657		205	%	56-116		*
									879	R	20		*
Pyrene, Solid	ug/Kg	15835.817		5178.351		3939.000	7961.865		200	%	51-123		*
									420	R	20		*
Butyl benzyl phthalate, Solid	ug/Kg	3745.458		3874.027		3939.000	135.897	U	95	%	56-113		
									3	R	20		
Benzo(a)anthracene, Solid	ug/Kg	12084.592		4182.793		3939.000	4387.845		195	%	62-109		*
									211	R	20		*
Chrysene, Solid	ug/Kg	13168.063		4280.868		3939.000	5346.339		199	%	60-106		*
									263	R	20		*
3,3-Dichlorobenzidine, Solid	ug/Kg	3150.266		3624.495		3939.000	134.715	U	80	%	22-106		
									14	R	20		
Bis(2-ethylhexyl)phthalate, Solid	ug/Kg	3783.491		3802.310		3939.000	133.533	U	96	%	56-117		
									1	R	20		
Di-n-octyl phthalate, Solid	ug/Kg	3312.046		3879.321		3939.000	314.335	U	84	%	45-130		
									15	R	20		
Benzo(b)fluoranthene, Solid	ug/Kg	15281.438		4504.747		3939.000	4786.091		266	%	52-124		*
									211	R	20		*
Benzo(k)fluoranthene, Solid	ug/Kg	6973.200		3953.440		3939.000	3469.391		89	%	44-130		
									152	R	20		*
Benzo(a)pyrene, Solid	ug/Kg	10594.052		4172.159		3939.000	3720.833		175	%	53-121		*
									176	R	20		*
Indeno(1,2,3-cd)pyrene, Solid	ug/Kg	8504.703		3733.264		3939.000	2355.671		156	%	49-136		*
									127	R	20		*
Dibenzo(a,h)anthracene, Solid	ug/Kg	6015.296		3801.491		3939.000	1078.335		125	%	55-131		
									58	R	20		*
Benzo(ghi)perylene, Solid	ug/Kg	8656.345		3915.986		3939.000	2551.533		155	%	48-139		*
									126	R	20		*

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

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

Test Method.....: 8260B Equipment Code....: GCL5 Analyst...: jso
Method Description.: Volatile Organics Batch.....: 63482

EB1	Extraction Blank 1		63411 -006		09/15/2002	1328

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Dichlorodifluoromethane, Solid	ug/Kg	0.750	U							
Chloromethane, Solid	ug/Kg	0.940	U							
Vinyl chloride, Solid	ug/Kg	0.740	U							
Bromomethane, Solid	ug/Kg	2.900	U							
Chloroethane, Solid	ug/Kg	1.600	U							
Trichlorofluoromethane, Solid	ug/Kg	0.710	U							
1,1-Dichloroethene, Solid	ug/Kg	1.000	U							
Carbon disulfide, Solid	ug/Kg	2.000	U							
Acetone, Solid	ug/Kg	4.100	U							
Methylene chloride, Solid	ug/Kg	1.800	U							
trans-1,2-Dichloroethene, Solid	ug/Kg	0.940	U							
Methyl-tert-butyl-ether (MTBE), Solid	ug/Kg	0.640	U							
1,1-Dichloroethane, Solid	ug/Kg	0.880	U							
2,2-Dichloropropane, Solid	ug/Kg	1.300	U							
cis-1,2-Dichloroethene, Solid	ug/Kg	1.200	U							
2-Butanone (MEK), Solid	ug/Kg	4.200	U							
Bromochloromethane, Solid	ug/Kg	0.990	U							
Chloroform, Solid	ug/Kg	0.620	U							
1,1,1-Trichloroethane, Solid	ug/Kg	0.610	U							
1,1-Dichloropropene, Solid	ug/Kg	0.800	U							
Carbon tetrachloride, Solid	ug/Kg	0.830	U							
Benzene, Solid	ug/Kg	0.660	U							
1,2-Dichloroethane, Solid	ug/Kg	0.580	U							
Trichloroethene, Solid	ug/Kg	0.590	U							
1,2-Dichloropropane, Solid	ug/Kg	0.960	U							
Dibromomethane, Solid	ug/Kg	0.690	U							
Bromodichloromethane, Solid	ug/Kg	0.680	U							
cis-1,3-Dichloropropene, Solid	ug/Kg	0.790	U							
4-Methyl-2-pentanone (MIBK), Solid	ug/Kg	3.000	U							
Toluene, Solid	ug/Kg	1.000	U							
trans-1,3-Dichloropropene, Solid	ug/Kg	0.840	U							
1,1,2-Trichloroethane, Solid	ug/Kg	0.710	U							
Tetrachloroethene, Solid	ug/Kg	0.670	U							
1,3-Dichloropropane, Solid	ug/Kg	0.930	U							
2-Hexanone, Solid	ug/Kg	1.700	U							
Dibromochloromethane, Solid	ug/Kg	0.690	U							
1,2-Dibromoethane (EDB), Solid	ug/Kg	0.760	U							
Chlorobenzene, Solid	ug/Kg	0.910	U							
1,1,1,2-Tetrachloroethane, Solid	ug/Kg	0.730	U							
Ethylbenzene, Solid	ug/Kg	1.100	U							
m&p-Xylenes, Solid	ug/Kg	2.100	U							
o-Xylene, Solid	ug/Kg	0.930	U							
Styrene, Solid	ug/Kg	1.000	U							
Bromoform, Solid	ug/Kg	0.910	U							
Isopropylbenzene, Solid	ug/Kg	0.750	U							
Bromobenzene, Solid	ug/Kg	0.710	U							
1,1,2,2-Tetrachloroethane, Solid	ug/Kg	0.640	U							
1,2,3-Trichloropropane, Solid	ug/Kg	1.100	U							
n-Propylbenzene, Solid	ug/Kg	0.860	U							
2-Chlorotoluene, Solid	ug/Kg	1.000	U							

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

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
EB1	Extraction Blank 1		63411 -006		09/15/2002	1328

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
1,3,5-Trimethylbenzene, Solid	ug/Kg	0.580	U							
4-Chlorotoluene, Solid	ug/Kg	0.770	U							
tert-Butylbenzene, Solid	ug/Kg	0.780	U							
1,2,4-Trimethylbenzene, Solid	ug/Kg	0.820	U							
sec-Butylbenzene, Solid	ug/Kg	0.810	U							
p-Isopropyltoluene, Solid	ug/Kg	0.680	U							
n-Butylbenzene, Solid	ug/Kg	0.840	U							
1,2-Dibromo-3-chloropropane, Solid	ug/Kg	1.100	U							
1,2,3-Trichlorobenzene, Solid	ug/Kg	0.990	U							

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

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
EB3	DI Blank		63411 -007		09/15/2002	1357

Test Method.....: 8260B Equipment Code....: GCL5 Analyst...: jso
Method Description.: Volatile Organics Batch.....: 63482

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Dichlorodifluoromethane, Solid	ug/Kg	0.750	U							
Chloromethane, Solid	ug/Kg	0.940	U							
Vinyl chloride, Solid	ug/Kg	0.740	U							
Bromomethane, Solid	ug/Kg	2.900	U							
Chloroethane, Solid	ug/Kg	1.600	U							
Trichlorofluoromethane, Solid	ug/Kg	0.710	U							
1,1-Dichloroethene, Solid	ug/Kg	1.000	U							
Carbon disulfide, Solid	ug/Kg	2.000	U							
Acetone, Solid	ug/Kg	4.100	U							
Methylene chloride, Solid	ug/Kg	1.800	U							
trans-1,2-Dichloroethene, Solid	ug/Kg	0.940	U							
Methyl-tert-butyl-ether (MTBE), Solid	ug/Kg	0.640	U							
1,1-Dichloroethane, Solid	ug/Kg	0.880	U							
2,2-Dichloropropane, Solid	ug/Kg	1.300	U							
cis-1,2-Dichloroethene, Solid	ug/Kg	1.200	U							
2-Butanone (MEK), Solid	ug/Kg	4.200	U							
Bromochloromethane, Solid	ug/Kg	0.990	U							
Chloroform, Solid	ug/Kg	0.620	U							
1,1,1-Trichloroethane, Solid	ug/Kg	0.610	U							
1,1-Dichloropropene, Solid	ug/Kg	0.800	U							
Carbon tetrachloride, Solid	ug/Kg	0.830	U							
Benzene, Solid	ug/Kg	0.660	U							
1,2-Dichloroethane, Solid	ug/Kg	0.580	U							
Trichloroethene, Solid	ug/Kg	0.590	U							
1,2-Dichloropropane, Solid	ug/Kg	0.960	U							
Dibromomethane, Solid	ug/Kg	0.690	U							
Bromodichloromethane, Solid	ug/Kg	0.680	U							
cis-1,3-Dichloropropene, Solid	ug/Kg	0.790	U							
4-Methyl-2-pentanone (MIBK), Solid	ug/Kg	3.000	U							
Toluene, Solid	ug/Kg	1.000	U							
trans-1,3-Dichloropropene, Solid	ug/Kg	0.840	U							
1,1,2-Trichloroethane, Solid	ug/Kg	0.710	U							
Tetrachloroethene, Solid	ug/Kg	0.670	U							
1,3-Dichloropropane, Solid	ug/Kg	0.930	U							
2-Hexanone, Solid	ug/Kg	1.700	U							
Dibromochloromethane, Solid	ug/Kg	0.690	U							
1,2-Dibromoethane (EDB), Solid	ug/Kg	0.760	U							
Chlorobenzene, Solid	ug/Kg	0.910	U							
1,1,1,2-Tetrachloroethane, Solid	ug/Kg	0.730	U							
Ethylbenzene, Solid	ug/Kg	1.100	U							
m&p-Xylenes, Solid	ug/Kg	2.100	U							
o-Xylene, Solid	ug/Kg	0.930	U							
Styrene, Solid	ug/Kg	1.000	U							
Bromoform, Solid	ug/Kg	0.910	U							
Isopropylbenzene, Solid	ug/Kg	0.750	U							
Bromobenzene, Solid	ug/Kg	0.710	U							
1,1,2,2-Tetrachloroethane, Solid	ug/Kg	0.640	U							
1,2,3-Trichloropropane, Solid	ug/Kg	1.100	U							
n-Propylbenzene, Solid	ug/Kg	0.860	U							
2-Chlorotoluene, Solid	ug/Kg	1.000	U							

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
EB3	DI Blank		63411 -007		09/15/2002	1357

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
1,3,5-Trimethylbenzene, Solid	ug/Kg	0.580	U							
4-Chlorotoluene, Solid	ug/Kg	0.770	U							
tert-Butylbenzene, Solid	ug/Kg	0.780	U							
1,2,4-Trimethylbenzene, Solid	ug/Kg	0.820	U							
sec-Butylbenzene, Solid	ug/Kg	0.810	U							
p-Isopropyltoluene, Solid	ug/Kg	0.680	U							
n-Butylbenzene, Solid	ug/Kg	0.840	U							
1,2-Dibromo-3-chloropropane, Solid	ug/Kg	1.100	U							
1,2,3-Trichlorobenzene, Solid	ug/Kg	0.990	U							

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	V02115DSB	62817 -016		09/15/2002	1201

Test Method.....: 8260B Equipment Code....: GCL5 Analyst...: jso
Method Description.: Volatile Organics Batch.....: 63482

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Dichlorodifluoromethane, Solid	ug/Kg	70.395		50.000	0.750 U	141	%	43-121	*
Chloromethane, Solid	ug/Kg	50.080		50.000	0.940 U	100	%	45-141	
Vinyl chloride, Solid	ug/Kg	60.704		50.000	0.740 U	121	%	58-140	
Bromomethane, Solid	ug/Kg	32.301		50.000	2.900 U	65	%	48-127	
Chloroethane, Solid	ug/Kg	73.316		50.000	1.600 U	147	%	59-163	
Trichlorofluoromethane, Solid	ug/Kg	52.711		50.000	0.710 U	105	%	57-135	
1,1-Dichloroethene, Solid	ug/Kg	48.094		50.000	1.000 U	96	%	51-132	
Carbon disulfide, Solid	ug/Kg	39.557		50.000	2.000 U	79	%	23-138	
Acetone, Solid	ug/Kg	53.687		50.000	4.100 U	107	%	46-167	
Methylene chloride, Solid	ug/Kg	54.369		50.000	1.800 U	109	%	58-143	
trans-1,2-Dichloroethene, Solid	ug/Kg	49.171		50.000	0.940 U	98	%	58-139	
Methyl-tert-butyl-ether (MTBE), Solid	ug/Kg	53.644		50.000	0.640 U	107	%	61-132	
1,1-Dichloroethane, Solid	ug/Kg	51.746		50.000	0.880 U	103	%	63-133	
2,2-Dichloropropane, Solid	ug/Kg	54.497		50.000	1.300 U	109	%	67-134	
cis-1,2-Dichloroethene, Solid	ug/Kg	52.230		50.000	1.200 U	104	%	68-148	
2-Butanone (MEK), Solid	ug/Kg	44.140		50.000	4.200 U	88	%	50-150	
Bromochloromethane, Solid	ug/Kg	52.090		50.000	0.990 U	104	%	68-129	
Chloroform, Solid	ug/Kg	53.334		50.000	0.620 U	107	%	73-135	
1,1,1-Trichloroethane, Solid	ug/Kg	52.991		50.000	0.610 U	106	%	63-133	
1,1-Dichloropropene, Solid	ug/Kg	51.207		50.000	0.800 U	102	%	78-148	
Carbon tetrachloride, Solid	ug/Kg	53.109		50.000	0.830 U	106	%	67-127	
Benzene, Solid	ug/Kg	52.634		50.000	0.660 U	105	%	72-128	
1,2-Dichloroethane, Solid	ug/Kg	54.397		50.000	0.580 U	109	%	69-125	
Trichloroethene, Solid	ug/Kg	51.345		50.000	0.590 U	103	%	75-129	
1,2-Dichloropropane, Solid	ug/Kg	53.562		50.000	0.960 U	107	%	76-132	
Dibromomethane, Solid	ug/Kg	52.461		50.000	0.690 U	105	%	70-130	
Bromodichloromethane, Solid	ug/Kg	54.010		50.000	0.680 U	108	%	74-128	
cis-1,3-Dichloropropene, Solid	ug/Kg	53.656		52.000	0.790 U	103	%	80-124	
4-Methyl-2-pentanone (MIBK), Solid	ug/Kg	51.420		50.000	3.000 U	103	%	68-134	
Toluene, Solid	ug/Kg	52.862		50.000	1.000 U	106	%	75-125	
trans-1,3-Dichloropropene, Solid	ug/Kg	50.114		48.000	0.840 U	104	%	75-134	
1,1,2-Trichloroethane, Solid	ug/Kg	52.666		50.000	0.710 U	105	%	71-143	
Tetrachloroethene, Solid	ug/Kg	49.717		50.000	0.670 U	99	%	75-129	
1,3-Dichloropropane, Solid	ug/Kg	51.201		50.000	0.930 U	102	%	78-127	
2-Hexanone, Solid	ug/Kg	49.057		50.000	1.700 U	98	%	69-140	
Dibromochloromethane, Solid	ug/Kg	50.123		50.000	0.690 U	100	%	77-127	
1,2-Dibromoethane (EDB), Solid	ug/Kg	52.086		50.000	0.760 U	104	%	72-133	
Chlorobenzene, Solid	ug/Kg	50.746		50.000	0.910 U	101	%	83-125	
1,1,1,2-Tetrachloroethane, Solid	ug/Kg	51.342		50.000	0.730 U	103	%	83-123	
Ethylbenzene, Solid	ug/Kg	51.979		50.000	1.100 U	104	%	79-123	
m&p-Xylenes, Solid	ug/Kg	107.138		100.000	2.100 U	107	%	79-123	
o-Xylene, Solid	ug/Kg	52.952		50.000	0.930 U	106	%	80-123	
Styrene, Solid	ug/Kg	52.681		50.000	1.000 U	105	%	85-126	
Bromoform, Solid	ug/Kg	49.225		50.000	0.910 U	98	%	78-132	
Isopropylbenzene, Solid	ug/Kg	47.548		50.000	0.750 U	95	%	77-118	
Bromobenzene, Solid	ug/Kg	47.582		50.000	0.710 U	95	%	81-123	
1,1,2,2-Tetrachloroethane, Solid	ug/Kg	47.417		50.000	0.640 U	95	%	68-139	
1,2,3-Trichloropropane, Solid	ug/Kg	47.250		50.000	1.100 U	95	%	71-129	
n-Propylbenzene, Solid	ug/Kg	48.442		50.000	0.860 U	97	%	77-124	
2-Chlorotoluene, Solid	ug/Kg	48.939		50.000	1.000 U	98	%	63-137	

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211927

Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	V02115DSB	62817 -016		09/15/2002	1201

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
1,3,5-Trimethylbenzene, Solid	ug/Kg	50.175		50.000	0.580 U	100	%	72-128	
4-Chlorotoluene, Solid	ug/Kg	50.008		50.000	0.770 U	100	%	76-123	
tert-Butylbenzene, Solid	ug/Kg	49.213		50.000	0.780 U	98	%	79-124	
1,2,4-Trimethylbenzene, Solid	ug/Kg	52.548		50.000	0.820 U	105	%	74-133	
sec-Butylbenzene, Solid	ug/Kg	50.568		50.000	0.810 U	101	%	77-128	
p-Isopropyltoluene, Solid	ug/Kg	52.454		50.000	0.680 U	105	%	74-126	
n-Butylbenzene, Solid	ug/Kg	54.577		50.000	0.840 U	109	%	65-138	
1,2-Dibromo-3-chloropropane, Solid	ug/Kg	46.703		50.000	1.100 U	93	%	59-124	
1,2,3-Trichlorobenzene, Solid	ug/Kg	48.189		50.000	0.990 U	96	%	75-125	

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	V02119DSB	63292 -009		09/19/2002	1018

Test Method.....: 8260B Equipment Code....: GCL5 Analyst...: jso
Method Description.: Volatile Organics Batch.....: 63482

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Dichlorodifluoromethane, Solid	ug/Kg	50.654		50.000	0.750 U	101	%	43-121	
Chloromethane, Solid	ug/Kg	43.040		50.000	0.940 U	86	%	45-141	
Vinyl chloride, Solid	ug/Kg	50.011		50.000	0.740 U	100	%	58-140	
Bromomethane, Solid	ug/Kg	31.147		50.000	2.900 U	62	%	48-127	
Chloroethane, Solid	ug/Kg	58.062		50.000	1.600 U	116	%	59-163	
Trichlorofluoromethane, Solid	ug/Kg	46.585		50.000	0.710 U	93	%	57-135	
1,1-Dichloroethene, Solid	ug/Kg	46.377		50.000	1.000 U	93	%	51-132	
Carbon disulfide, Solid	ug/Kg	46.060		50.000	2.000 U	92	%	23-138	
Acetone, Solid	ug/Kg	57.851		50.000	4.100 U	116	%	46-167	
Methylene chloride, Solid	ug/Kg	42.030		50.000	1.800 U	84	%	58-143	
trans-1,2-Dichloroethene, Solid	ug/Kg	46.300		50.000	0.940 U	93	%	58-139	
Methyl-tert-butyl-ether (MTBE), Solid	ug/Kg	49.644		50.000	0.640 U	99	%	61-132	
1,1-Dichloroethane, Solid	ug/Kg	45.932		50.000	0.880 U	92	%	63-133	
2,2-Dichloropropane, Solid	ug/Kg	48.371		50.000	1.300 U	97	%	67-134	
cis-1,2-Dichloroethene, Solid	ug/Kg	48.808		50.000	1.200 U	98	%	68-148	
2-Butanone (MEK), Solid	ug/Kg	57.572		50.000	4.200 U	115	%	50-150	
Bromochloromethane, Solid	ug/Kg	34.767		50.000	0.990 U	70	%	68-129	
Chloroform, Solid	ug/Kg	45.495		50.000	0.620 U	91	%	73-135	
1,1,1-Trichloroethane, Solid	ug/Kg	48.278		50.000	0.610 U	97	%	63-133	
1,1-Dichloropropene, Solid	ug/Kg	45.418		50.000	0.800 U	91	%	78-148	
Carbon tetrachloride, Solid	ug/Kg	40.966		50.000	0.830 U	82	%	67-127	
Benzene, Solid	ug/Kg	46.420		50.000	0.660 U	93	%	72-128	
1,2-Dichloroethane, Solid	ug/Kg	44.756		50.000	0.580 U	90	%	69-125	
Trichloroethene, Solid	ug/Kg	39.080		50.000	0.590 U	78	%	75-129	
1,2-Dichloropropane, Solid	ug/Kg	42.969		50.000	0.960 U	86	%	76-132	
Dibromomethane, Solid	ug/Kg	37.881		50.000	0.690 U	76	%	70-130	
Bromodichloromethane, Solid	ug/Kg	39.034		50.000	0.680 U	78	%	74-128	
cis-1,3-Dichloropropene, Solid	ug/Kg	44.550		52.000	0.790 U	86	%	80-124	
4-Methyl-2-pentanone (MIBK), Solid	ug/Kg	57.299		50.000	3.000 U	115	%	68-134	
Toluene, Solid	ug/Kg	48.226		50.000	1.000 U	96	%	75-125	
trans-1,3-Dichloropropene, Solid	ug/Kg	42.360		48.000	0.840 U	88	%	75-134	
1,1,2-Trichloroethane, Solid	ug/Kg	49.667		50.000	0.710 U	99	%	71-143	
Tetrachloroethene, Solid	ug/Kg	38.123		50.000	0.670 U	76	%	75-129	
1,3-Dichloropropane, Solid	ug/Kg	45.628		50.000	0.930 U	91	%	78-127	
2-Hexanone, Solid	ug/Kg	60.073		50.000	1.700 U	120	%	69-140	
Dibromochloromethane, Solid	ug/Kg	36.563		50.000	0.690 U	73	%	77-127	*
1,2-Dibromoethane (EDB), Solid	ug/Kg	41.100		50.000	0.760 U	82	%	72-133	
Chlorobenzene, Solid	ug/Kg	44.528		50.000	0.910 U	89	%	83-125	
1,1,1,2-Tetrachloroethane, Solid	ug/Kg	40.136		50.000	0.730 U	80	%	83-123	*
Ethylbenzene, Solid	ug/Kg	49.116		50.000	1.100 U	98	%	79-123	
m&p-Xylenes, Solid	ug/Kg	99.282		100.000	2.100 U	99	%	79-123	
o-Xylene, Solid	ug/Kg	47.065		50.000	0.930 U	94	%	80-123	
Styrene, Solid	ug/Kg	48.735		50.000	1.000 U	97	%	85-126	
Bromoform, Solid	ug/Kg	38.474		50.000	0.910 U	77	%	78-132	*
Isopropylbenzene, Solid	ug/Kg	54.976		50.000	0.750 U	110	%	77-118	
Bromobenzene, Solid	ug/Kg	43.184		50.000	0.710 U	86	%	81-123	
1,1,2,2-Tetrachloroethane, Solid	ug/Kg	48.681		50.000	0.640 U	97	%	68-139	
1,2,3-Trichloropropane, Solid	ug/Kg	54.214		50.000	1.100 U	108	%	71-129	
n-Propylbenzene, Solid	ug/Kg	51.402		50.000	0.860 U	103	%	77-124	
2-Chlorotoluene, Solid	ug/Kg	50.591		50.000	1.000 U	101	%	63-137	

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

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	V02119DSB	63292 -009		09/19/2002	1018

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
1,3,5-Trimethylbenzene, Solid	ug/Kg	54.124		50.000	0.580 U	108	%	72-128	
4-Chlorotoluene, Solid	ug/Kg	50.524		50.000	0.770 U	101	%	76-123	
tert-Butylbenzene, Solid	ug/Kg	52.346		50.000	0.780 U	105	%	79-124	
1,2,4-Trimethylbenzene, Solid	ug/Kg	55.892		50.000	0.820 U	112	%	74-133	
sec-Butylbenzene, Solid	ug/Kg	56.419		50.000	0.810 U	113	%	77-128	
p-Isopropyltoluene, Solid	ug/Kg	53.016		50.000	0.680 U	106	%	74-126	
n-Butylbenzene, Solid	ug/Kg	55.126		50.000	0.840 U	110	%	65-138	
1,2-Dibromo-3-chloropropane, Solid	ug/Kg	46.734		50.000	1.100 U	93	%	59-124	
1,2,3-Trichlorobenzene, Solid	ug/Kg	53.130		50.000	0.990 U	106	%	75-125	

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		62817 -015		09/15/2002	1128

Test Method.....: 8260B Equipment Code....: GCL5 Analyst...: jso
Method Description.: Volatile Organics Batch.....: 63482

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Dichlorodifluoromethane, Solid	ug/Kg	0.750	U							
Chloromethane, Solid	ug/Kg	0.940	U							
Vinyl chloride, Solid	ug/Kg	0.740	U							
Bromomethane, Solid	ug/Kg	2.900	U							
Chloroethane, Solid	ug/Kg	1.600	U							
Trichlorofluoromethane, Solid	ug/Kg	0.710	U							
1,1-Dichloroethene, Solid	ug/Kg	1.000	U							
Carbon disulfide, Solid	ug/Kg	2.000	U							
Acetone, Solid	ug/Kg	4.100	U							
Methylene chloride, Solid	ug/Kg	1.800	U							
trans-1,2-Dichloroethene, Solid	ug/Kg	0.940	U							
Methyl-tert-butyl-ether (MTBE), Solid	ug/Kg	0.640	U							
1,1-Dichloroethane, Solid	ug/Kg	0.880	U							
2,2-Dichloropropane, Solid	ug/Kg	1.300	U							
cis-1,2-Dichloroethene, Solid	ug/Kg	1.200	U							
2-Butanone (MEK), Solid	ug/Kg	4.200	U							
Bromochloromethane, Solid	ug/Kg	0.990	U							
Chloroform, Solid	ug/Kg	0.620	U							
1,1,1-Trichloroethane, Solid	ug/Kg	0.610	U							
1,1-Dichloropropene, Solid	ug/Kg	0.800	U							
Carbon tetrachloride, Solid	ug/Kg	0.830	U							
Benzene, Solid	ug/Kg	0.660	U							
1,2-Dichloroethane, Solid	ug/Kg	0.580	U							
Trichloroethene, Solid	ug/Kg	0.590	U							
1,2-Dichloropropane, Solid	ug/Kg	0.960	U							
Dibromomethane, Solid	ug/Kg	0.690	U							
Bromodichloromethane, Solid	ug/Kg	0.680	U							
cis-1,3-Dichloropropene, Solid	ug/Kg	0.790	U							
4-Methyl-2-pentanone (MIBK), Solid	ug/Kg	3.000	U							
Toluene, Solid	ug/Kg	1.000	U							
trans-1,3-Dichloropropene, Solid	ug/Kg	0.840	U							
1,1,2-Trichloroethane, Solid	ug/Kg	0.710	U							
Tetrachloroethene, Solid	ug/Kg	0.670	U							
1,3-Dichloropropane, Solid	ug/Kg	0.930	U							
2-Hexanone, Solid	ug/Kg	1.700	U							
Dibromochloromethane, Solid	ug/Kg	0.690	U							
1,2-Dibromoethane (EDB), Solid	ug/Kg	0.760	U							
Chlorobenzene, Solid	ug/Kg	0.910	U							
1,1,1,2-Tetrachloroethane, Solid	ug/Kg	0.730	U							
Ethylbenzene, Solid	ug/Kg	1.100	U							
m&p-Xylenes, Solid	ug/Kg	2.100	U							
o-Xylene, Solid	ug/Kg	0.930	U							
Styrene, Solid	ug/Kg	1.000	U							
Bromoform, Solid	ug/Kg	0.910	U							
Isopropylbenzene, Solid	ug/Kg	0.750	U							
Bromobenzene, Solid	ug/Kg	0.710	U							
1,1,2,2-Tetrachloroethane, Solid	ug/Kg	0.640	U							
1,2,3-Trichloropropane, Solid	ug/Kg	1.100	U							
n-Propylbenzene, Solid	ug/Kg	0.860	U							
2-Chlorotoluene, Solid	ug/Kg	1.000	U							

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

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		62817 -015		09/15/2002	1128

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
1,3,5-Trimethylbenzene, Solid	ug/Kg	0.580	U							
4-Chlorotoluene, Solid	ug/Kg	0.770	U							
tert-Butylbenzene, Solid	ug/Kg	0.780	U							
1,2,4-Trimethylbenzene, Solid	ug/Kg	0.820	U							
sec-Butylbenzene, Solid	ug/Kg	0.810	U							
p-Isopropyltoluene, Solid	ug/Kg	0.680	U							
n-Butylbenzene, Solid	ug/Kg	0.840	U							
1,2-Dibromo-3-chloropropane, Solid	ug/Kg	1.100	U							
1,2,3-Trichlorobenzene, Solid	ug/Kg	0.990	U							

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

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		63292 -008		09/19/2002	0934

Test Method.....: 8260B Equipment Code....: GCL5 Analyst...: jso
Method Description.: Volatile Organics Batch.....: 63482

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Dichlorodifluoromethane, Solid	ug/Kg	0.750	U							
Chloromethane, Solid	ug/Kg	0.940	U							
Vinyl chloride, Solid	ug/Kg	0.740	U							
Bromomethane, Solid	ug/Kg	2.900	U							
Chloroethane, Solid	ug/Kg	1.600	U							
Trichlorofluoromethane, Solid	ug/Kg	0.710	U							
1,1-Dichloroethene, Solid	ug/Kg	1.000	U							
Carbon disulfide, Solid	ug/Kg	2.000	U							
Acetone, Solid	ug/Kg	4.100	U							
Methylene chloride, Solid	ug/Kg	1.800	U							
trans-1,2-Dichloroethene, Solid	ug/Kg	0.940	U							
Methyl-tert-butyl-ether (MTBE), Solid	ug/Kg	0.640	U							
1,1-Dichloroethane, Solid	ug/Kg	0.880	U							
2,2-Dichloropropane, Solid	ug/Kg	1.300	U							
cis-1,2-Dichloroethene, Solid	ug/Kg	1.200	U							
2-Butanone (MEK), Solid	ug/Kg	4.200	U							
Bromochloromethane, Solid	ug/Kg	0.990	U							
Chloroform, Solid	ug/Kg	0.620	U							
1,1,1-Trichloroethane, Solid	ug/Kg	0.610	U							
1,1-Dichloropropene, Solid	ug/Kg	0.800	U							
Carbon tetrachloride, Solid	ug/Kg	0.830	U							
Benzene, Solid	ug/Kg	0.660	U							
1,2-Dichloroethane, Solid	ug/Kg	0.580	U							
Trichloroethene, Solid	ug/Kg	0.590	U							
1,2-Dichloropropane, Solid	ug/Kg	0.960	U							
Dibromomethane, Solid	ug/Kg	0.690	U							
Bromodichloromethane, Solid	ug/Kg	0.680	U							
cis-1,3-Dichloropropene, Solid	ug/Kg	0.790	U							
4-Methyl-2-pentanone (MIBK), Solid	ug/Kg	3.000	U							
Toluene, Solid	ug/Kg	1.000	U							
trans-1,3-Dichloropropene, Solid	ug/Kg	0.840	U							
1,1,2-Trichloroethane, Solid	ug/Kg	0.710	U							
Tetrachloroethene, Solid	ug/Kg	0.670	U							
1,3-Dichloropropane, Solid	ug/Kg	0.930	U							
2-Hexanone, Solid	ug/Kg	1.700	U							
Dibromochloromethane, Solid	ug/Kg	0.690	U							
1,2-Dibromoethane (EDB), Solid	ug/Kg	0.760	U							
Chlorobenzene, Solid	ug/Kg	0.910	U							
1,1,1,2-Tetrachloroethane, Solid	ug/Kg	0.730	U							
Ethylbenzene, Solid	ug/Kg	1.100	U							
m&p-Xylenes, Solid	ug/Kg	2.100	U							
o-Xylene, Solid	ug/Kg	0.930	U							
Styrene, Solid	ug/Kg	1.000	U							
Bromoform, Solid	ug/Kg	0.910	U							
Isopropylbenzene, Solid	ug/Kg	0.750	U							
Bromobenzene, Solid	ug/Kg	0.710	U							
1,1,2,2-Tetrachloroethane, Solid	ug/Kg	0.640	U							
1,2,3-Trichloropropane, Solid	ug/Kg	1.100	U							
n-Propylbenzene, Solid	ug/Kg	0.860	U							
2-Chlorotoluene, Solid	ug/Kg	1.000	U							

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

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		63292 -008		09/19/2002	0934

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
1,3,5-Trimethylbenzene, Solid	ug/Kg	0.580	U							
4-Chlorotoluene, Solid	ug/Kg	0.770	U							
tert-Butylbenzene, Solid	ug/Kg	0.780	U							
1,2,4-Trimethylbenzene, Solid	ug/Kg	0.820	U							
sec-Butylbenzene, Solid	ug/Kg	0.810	U							
p-Isopropyltoluene, Solid	ug/Kg	0.680	U							
n-Butylbenzene, Solid	ug/Kg	0.840	U							
1,2-Dibromo-3-chloropropane, Solid	ug/Kg	1.100	U							
1,2,3-Trichlorobenzene, Solid	ug/Kg	0.990	U							

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

QUALITY CONTROL RESULTS

Job Number.: 211927

Report Date.: 09/26/2002

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

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

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

Equipment Code....: ICP3
Batch.....: 63630

Analyst...: tds

LCS	Laboratory Control Sample	M02ISPK004	62896 -002		09/23/2002 1144

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	205.53		200.00	2.50	B 103	%	80-120	
Antimony, Solid	mg/Kg	44.89		50.00	0.90	U 90	%	80-120	
Arsenic, Solid	mg/Kg	9.32		10.00	0.51	U 93	%	80-120	
Barium, Solid	mg/Kg	190.35		200.00	0.16	U 95	%	80-120	
Beryllium, Solid	mg/Kg	4.46		5.00	0.04	U 89	%	80-120	
Cadmium, Solid	mg/Kg	4.57		5.00	0.08	U 91	%	80-120	
Calcium, Solid	mg/Kg	924.21		1000.00	7.69	B 92	%	80-120	
Chromium, Solid	mg/Kg	19.12		20.00	0.22	U 96	%	80-120	
Cobalt, Solid	mg/Kg	46.63		50.00	0.14	U 93	%	80-120	
Copper, Solid	mg/Kg	24.73		25.00	0.90	U 99	%	80-120	
Iron, Solid	mg/Kg	100.05		100.00	4.18	B 100	%	80-120	
Lead, Solid	mg/Kg	9.85		10.00	0.43	U 98	%	80-120	
Magnesium, Solid	mg/Kg	943.36		1000.00	2.00	B 94	%	80-120	
Manganese, Solid	mg/Kg	47.92		50.00	0.13	U 96	%	80-120	
Nickel, Solid	mg/Kg	46.01		50.00	0.44	B 92	%	80-120	
Potassium, Solid	mg/Kg	872.98		1000.00	15.36	B 87	%	80-120	
Selenium, Solid	mg/Kg	9.47		10.00	0.40	U 95	%	80-120	
Silver, Solid	mg/Kg	4.66		5.00	0.31	U 93	%	80-120	
Thallium, Solid	mg/Kg	9.55		10.00	0.66	U 95	%	80-120	
Vanadium, Solid	mg/Kg	47.45		50.00	0.21	U 95	%	80-120	
Zinc, Solid	mg/Kg	46.77		50.00	0.40	U 94	%	80-120	

LCS	Laboratory Control Sample	M02ISPK004	63406 -002		09/23/2002 1400

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Antimony, Solid	mg/Kg	46.39		50.00	0.90	U 93	%	80-120	
Arsenic, Solid	mg/Kg	9.59		10.00	0.51	U 96	%	80-120	
Barium, Solid	mg/Kg	197.01		200.00	0.16	U 99	%	80-120	
Beryllium, Solid	mg/Kg	4.58		5.00	0.04	U 92	%	80-120	
Cadmium, Solid	mg/Kg	4.66		5.00	0.08	U 93	%	80-120	
Chromium, Solid	mg/Kg	19.86		20.00	0.22	U 99	%	80-120	
Copper, Solid	mg/Kg	24.76		25.00	0.90	U 99	%	80-120	
Iron, Solid	mg/Kg	92.66		100.00	5.06	93	%	80-120	
Lead, Solid	mg/Kg	10.07		10.00	0.43	U 101	%	80-120	
Magnesium, Solid	mg/Kg	959.63		1000.00	1.70	U 96	%	80-120	
Manganese, Solid	mg/Kg	49.33		50.00	0.13	U 99	%	80-120	
Nickel, Solid	mg/Kg	46.64		50.00	0.25	U 93	%	80-120	
Potassium, Solid	mg/Kg	817.08		1000.00	20.10	B 82	%	80-120	
Selenium, Solid	mg/Kg	9.22		10.00	0.40	U 92	%	80-120	
Silver, Solid	mg/Kg	4.86		5.00	0.31	U 97	%	80-120	
Thallium, Solid	mg/Kg	9.71		10.00	0.66	U 97	%	80-120	
Vanadium, Solid	mg/Kg	48.83		50.00	0.21	U 98	%	80-120	
Zinc, Solid	mg/Kg	46.90		50.00	0.40	U 94	%	80-120	

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

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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.....: 63630

MB	Method Blank	62896	62896 -001		09/23/2002	1138

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	2.50	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	7.69	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	4.18	B							
Lead, Solid	mg/Kg	0.43	U							
Magnesium, Solid	mg/Kg	2.00	B							
Manganese, Solid	mg/Kg	0.13	U							
Nickel, Solid	mg/Kg	0.44	B							
Potassium, Solid	mg/Kg	15.36	B							
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							

MB	Method Blank	63406	63406 -001		09/23/2002	1354

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
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							
Chromium, Solid	mg/Kg	0.22	U							
Copper, Solid	mg/Kg	0.90	U							
Iron, Solid	mg/Kg	5.06								H
Lead, Solid	mg/Kg	0.43	U							
Magnesium, Solid	mg/Kg	1.70	U							
Manganese, Solid	mg/Kg	0.13	U							
Nickel, Solid	mg/Kg	0.25	U							
Potassium, Solid	mg/Kg	20.10	B							
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							

QUALITY CONTROL RESULTS

Job Number.: 211927

Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank	63409	63409 -001		09/23/2002	1933

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Iron	mg/L	0.03960 U							

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MD	Method Duplicate		211927-1		09/23/2002	1157

Test Method.....: 6010B Equipment Code....: ICP3 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 63630

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	9501.56				9942.37		4.5	R	20.0	
Antimony, Solid	mg/Kg	0.69	U			0.69	U				
Arsenic, Solid	mg/Kg	5.75				5.68		1.2	R	20.0	
Barium, Solid	mg/Kg	111.15				140.05		23.0	R	20.0	*
Beryllium, Solid	mg/Kg	0.26	B			0.28	B	0.02	A	0.31	
Cadmium, Solid	mg/Kg	0.26				0.16		0.09	A	0.15	
Calcium, Solid	mg/Kg	54949.47				27222.77		67.5	R	20.0	*
Chromium, Solid	mg/Kg	17.39				17.65		1.5	R	20.0	
Cobalt, Solid	mg/Kg	5.76				6.09		5.5	R	20.0	
Copper, Solid	mg/Kg	12.30				13.17		6.8	R	20.0	
Iron, Solid	mg/Kg	13997.69				14479.63		3.4	R	20.0	
Lead, Solid	mg/Kg	15.94				19.30		19.1	R	20.0	
Magnesium, Solid	mg/Kg	3421.98				3305.96		3.4	R	20.0	
Manganese, Solid	mg/Kg	351.18				361.18		2.8	R	20.0	
Nickel, Solid	mg/Kg	13.70				14.07		2.6	R	20.0	
Potassium, Solid	mg/Kg	1286.04				1202.18		6.7	R	20.0	
Selenium, Solid	mg/Kg	0.31	U			0.31	U				
Silver, Solid	mg/Kg	0.24	U			0.24	U	0.04	A	0.38	
Thallium, Solid	mg/Kg	0.50	U			0.50	U	0.03	A	0.76	
Vanadium, Solid	mg/Kg	28.99				30.14		3.9	R	20.0	
Zinc, Solid	mg/Kg	61.49				56.20		9.0	R	20.0	

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

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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.....: 63630

MS	Matrix Spike	M02ISPK004	211927-1		09/23/2002	1203

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	12364.09		147.80	9942.37		1638	%	75-125	4
Antimony, Solid	mg/Kg	12.65		36.96	0.67	U	34	%	75-125	N
Arsenic, Solid	mg/Kg	11.19		7.39	5.68		75	%	75-125	
Barium, Solid	mg/Kg	247.64		147.80	140.05		73	%	75-125	N
Beryllium, Solid	mg/Kg	3.12		3.70	0.28	B	84	%	75-125	
Cadmium, Solid	mg/Kg	3.00		3.70	0.16		77	%	75-125	
Calcium, Solid	mg/Kg	30126.48		739.10	27222.77		393	%	75-125	4
Chromium, Solid	mg/Kg	33.10		14.78	17.65		105	%	75-125	
Cobalt, Solid	mg/Kg	34.45		36.96	6.09		77	%	75-125	
Copper, Solid	mg/Kg	28.81		18.48	13.17		85	%	75-125	
Iron, Solid	mg/Kg	14560.86		73.91	14479.63		110	%	75-125	4
Lead, Solid	mg/Kg	20.92		7.39	19.30		22	%	75-125	N
Magnesium, Solid	mg/Kg	4116.51		739.10	3305.96		110	%	75-125	4
Manganese, Solid	mg/Kg	360.92		36.96	361.18		-1	%	75-125	4
Nickel, Solid	mg/Kg	42.33		36.96	14.07		76	%	75-125	
Potassium, Solid	mg/Kg	2269.63		739.10	1202.18		144	%	75-125	N
Selenium, Solid	mg/Kg	5.83		7.39	0.30	U	79	%	75-125	
Silver, Solid	mg/Kg	3.19		3.70	0.23	U	86	%	75-125	
Thallium, Solid	mg/Kg	6.39		7.39	0.49	U	86	%	75-125	
Vanadium, Solid	mg/Kg	64.29		36.96	30.14		92	%	75-125	
Zinc, Solid	mg/Kg	87.41		36.96	56.20		84	%	75-125	

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	M02ISPK004	211927-1		09/23/2002	1209

Test Method.....: 6010B Equipment Code....: ICP3 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 63630

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	13168.82	12364.09	146.70	9942.37		2199	%	75-125	4
							29.2	R	20	*
Antimony, Solid	mg/Kg	13.27	12.65	36.68	0.66	U	36	%	75-125	N
							5.7	R	20	
Arsenic, Solid	mg/Kg	11.61	11.19	7.34	5.68		81	%	75-125	
							7.7	R	20	
Barium, Solid	mg/Kg	469.91	247.64	146.70	140.05		225	%	75-125	N
							102.0	R	20	*
Beryllium, Solid	mg/Kg	3.07	3.12	3.67	0.28	B	84	%	75-125	
							0.0	R	20	
Cadmium, Solid	mg/Kg	3.03	3.00	3.67	0.16		78	%	75-125	
							1.3	R	20	
Calcium, Solid	mg/Kg	23273.12	30126.48	733.60	27222.77		-538	%	75-125	4
							-1284.1	R	20	
Chromium, Solid	mg/Kg	42.31	33.10	14.67	17.65		168	%	75-125	N
							46.2	R	20	*
Cobalt, Solid	mg/Kg	34.14	34.45	36.68	6.09		76	%	75-125	
							1.3	R	20	
Copper, Solid	mg/Kg	28.67	28.81	18.34	13.17		85	%	75-125	
							0.0	R	20	
Iron, Solid	mg/Kg	15635.12	14560.86	73.36	14479.63		1575	%	75-125	4
							173.9	R	20	*
Lead, Solid	mg/Kg	170.16	20.92	7.34	19.30		2057	%	75-125	N
							195.8	R	20	*
Magnesium, Solid	mg/Kg	4066.22	4116.51	733.60	3305.96		104	%	75-125	4
							5.6	R	20	
Manganese, Solid	mg/Kg	373.76	360.92	36.68	361.18		34	%	75-125	4
							212.1	R	20	*
Nickel, Solid	mg/Kg	42.04	42.33	36.68	14.07		76	%	75-125	
							0.0	R	20	
Potassium, Solid	mg/Kg	2370.19	2269.63	733.60	1202.18		159	%	75-125	N
							9.9	R	20	
Selenium, Solid	mg/Kg	5.76	5.83	7.34	0.29	U	79	%	75-125	
							0.0	R	20	
Silver, Solid	mg/Kg	3.13	3.19	3.67	0.23	U	85	%	75-125	
							1.2	R	20	
Thallium, Solid	mg/Kg	6.41	6.39	7.34	0.48	U	87	%	75-125	
							1.2	R	20	
Vanadium, Solid	mg/Kg	66.13	64.29	36.68	30.14		98	%	75-125	
							6.3	R	20	
Zinc, Solid	mg/Kg	105.69	87.41	36.68	56.20		135	%	75-125	N
							46.6	R	20	*

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

QUALITY CONTROL RESULTS

Job Number.: 211927

Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
SD	Serial Dilution		211927-1		09/23/2002	1215

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

Equipment Code....: ICP3
Batch.....: 63630

Analyst...: tds

Parameter/Test Description	Units	QC Result		QC Result	True Value	Orig. Value		QC Calc.	*	Limits	F
Aluminum, Solid	mg/Kg	2252.89				9942.37		13.3	D	10.0	E
Antimony, Solid	mg/Kg	0.68	U			0.68	U				
Arsenic, Solid	mg/Kg	1.44				5.68					
Barium, Solid	mg/Kg	31.26				140.05		11.6	D	10.0	E
Beryllium, Solid	mg/Kg	0.07	B			0.28	B				
Cadmium, Solid	mg/Kg	0.06	U			0.16					
Calcium, Solid	mg/Kg	6040.98				27222.77		11.0	D	10.0	E
Chromium, Solid	mg/Kg	4.09				17.65		15.7	D	10.0	E
Cobalt, Solid	mg/Kg	1.42				6.09		16.9	D	10.0	E
Copper, Solid	mg/Kg	2.84				13.17					
Iron, Solid	mg/Kg	3325.70				14479.63		14.8	D	10.0	E
Lead, Solid	mg/Kg	4.48				19.30		16.1	D	10.0	E
Magnesium, Solid	mg/Kg	758.89				3305.96		14.8	D	10.0	E
Manganese, Solid	mg/Kg	83.19				361.18		15.2	D	10.0	E
Nickel, Solid	mg/Kg	3.33				14.07		18.2	D	10.0	E
Potassium, Solid	mg/Kg	226.07				1202.18		6.0	D	10.0	
Selenium, Solid	mg/Kg	0.30	U			0.30	U				
Silver, Solid	mg/Kg	0.24	U			0.24	U				
Thallium, Solid	mg/Kg	0.50	U			0.50	U				
Vanadium, Solid	mg/Kg	6.81				30.14		13.0	D	10.0	E
Zinc, Solid	mg/Kg	12.72				56.20		13.2	D	10.0	E

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211927

Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	M02ISPK004	62896 -002		09/24/2002	1140

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

Equipment Code....: ICP4
Batch.....: 63672

Analyst...: tds

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Sodium, Solid	mg/Kg	916.36		1000.00		92	%	80-120	

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

QUALITY CONTROL RESULTS

Job Number.: 211927

Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank	62896	62896 -001		09/24/2002	1133

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

Equipment Code....: ICP4
Batch.....: 63672

Analyst...: tds

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

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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.....: 63672

MD	Method Duplicate		211927-1		09/24/2002	1152

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Sodium, Solid	mg/Kg	795.29			757.25	4.9	R	20.0	

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

QUALITY CONTROL RESULTS

Job Number.: 211927

Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	M02ISPK004	211927-1		09/24/2002	1158

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

Equipment Code....: ICP4
Batch.....: 63672

Analyst...: tds

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Sodium, Solid	mg/Kg	1531.33		739.10	757.25	105	%	75-125	

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

QUALITY CONTROL RESULTS

Job Number.: 211927

Report Date.: 09/26/2002

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.....: 63672

Analyst...: tds

MSD	Matrix Spike Duplicate	M02ISPK004	211927-1		09/24/2002	1204

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Sodium, Solid	mg/Kg	1527.79	1531.33	733.60	757.25	105	%	75-125	
						0.0	R	20	

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

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
SD	Serial Dilution		211927-1		09/24/2002	1212

Test Method.....: 6010B Equipment Code....: ICP4 Analyst...: tds
Method Description.: Metals Analysis (ICAP Trace) Batch.....: 63672

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Sodium, Solid	mg/Kg	158.45			757.25				

QUALITY CONTROL RESULTS

Job Number.: 211927 Report Date.: 09/26/2002

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

Test Method.....: Method
Method Description.: % Solids Determination
Parameter.....: % Solids
Batch.....: 62415
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	62415-001		%	0.1000	U								09/12/2002	0008

Test Method.....: 9014/9010B
Method Description.: Cyanide (Colorimetric)
Parameter.....: Cyanide, Total
Batch.....: 63170
Equipment Code....: SPEC1
Analyst...: rnm
Test Code.: CN

QC	Lab ID	Reagent	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Time
MB	63170 -004		mg/L	0.00320	U								09/18/2002	1437
LCS	63170 -005	I02FSTCN2	mg/L	0.09640			0.09600	0.00320 U	100		%	80-120	09/18/2002	1437

Test Method.....: 4500PE
Method Description.: Phosphorous, All Forms
Parameter.....: Phosphorous, Total as P
Batch.....: 63806
Equipment Code....: SPEC1
Analyst...: cvw
Test Code.: PTOT

QC	Lab ID	Reagent	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Time
MB	63806 -004		mg/L	0.00600	B								09/25/2002	1611
LCS	63806 -005	I02BSTPS2	mg/L	0.52400			0.50000	0.00600 B	105		%	80-120	09/25/2002	1611
MS	211927-1	I02BSTPS2	mg/Kg	877.31			10990.00	509.25	67	N	%	75-125	09/25/2002	1619
MSD	211927-1	I02BSTPS2	mg/Kg	878.56		877.31	10740.00	509.25	69	N	%	75-125	09/25/2002	1620
									2.9		R	20		

Test Method.....: 7471A
Method Description.: Mercury (CVAA) Solids
Parameter.....: Mercury
Batch.....: 63552
Equipment Code....: HG4
Analyst...: gok
Test Code.: HG

QC	Lab ID	Reagent	Units	QC Result		QC Result	True Value	Orig. Value	QC Calc.	F	*	Limits	Date	Time
MB	63433 -007		mg/Kg	0.01	U								09/23/2002	1159
LCS	63433 -008	M02ESTK010	mg/Kg	0.33			0.33	0.01 U	98		%	80-120	09/23/2002	1201
MD	211927-1		mg/Kg	0.02	B			0.02 B	0.00		A	0.04	09/23/2002	1212
MS	211927-1	M01JSTK012	mg/Kg	0.23			0.20	0.02 B	116		%	75-125	09/23/2002	1219

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 09/26/2002

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) Arizona Environmental Laboratory License number AZ0603.
6) According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH Field) they were not analyzed immediately, but as soon as possible on laboratory receipt.

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

Inorganic Qualifiers (Q-Column)

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

Inorganic Flags (Flag Column)

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

Organic Qualifiers (Q - Column)

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

Organic Flags (Flags Column)

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

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 09/26/2002

P The lower of the two values is reported when the % difference between the results of two GC columns is greater than 25%.

Abbreviations

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

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 09/26/2002

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

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

SEVERN TRENT SERVICES

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

Report To:
Contact: Dave Brewer
Company: SCS
Address: 10401 Holmes Rd #400
Kansas City Mo 64131
Phone: 816 941 7570
Fax: 816 941 8025
E-Mail: DBrewer@SCSEngineers.com

Bill To:
Contact: Sandy Weeks
Company: SCS
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only 1 of 2

Lab Lot# 211249927

Package Sealed (Yes) No	Samples Sealed Yes (No)
Received on Ice (Yes) No	Samples Intact (Yes) No
Temperature °C of Cooler: 4.8	
Within Hold Time (Yes) No	Preserv. Indicated (Yes) No NA
pH Check OK Yes No (NA)	Res Cl_2 Check OK Yes No (NA)
Sample Labels and COC Agree (Yes) No	COC not present

Sampler Name: Mark Orr
Signature:
Project Name: GSA SLOP
Project Number: 02207000.11
Project Location:
Lab PM:
Date Required
Hard Copy: ____/____/____
Fax: ____/____/____

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	Refrg #	# / Cont.	Volume	Preserv	VOC (Backup)	SVOC/Explosives/PCB/Metals/Cn/Phosphorous	VOC (En Core)	Additional Analyses / Remarks
								1	2oz	NA				
								1	16oz	NA				
								1	5g	ND				
1		105-1	9.10.02	15:30	S									
2		105-2		15:40										
3		105-3		16:10										
4		105-4		16:50										
5		105-5		17:30										
1		105-1		15:30										
2		105-2		16:00										
3		105-3		16:20										
4		105-4		17:00										
5		105-5		17:40										
1		105-1		15:30										
2		105-2		15:40										

RELINQUISHED BY [redacted]	COMPANY SCS	DATE 9.10.02	TIME 8:00
RELINQUISHED BY	COMPANY	DATE	TIME
RECEIVED BY [redacted]	COMPANY STL	DATE 9-11-02	TIME 0845
RECEIVED BY [redacted]	COMPANY	DATE	TIME

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

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

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

COMMENTS

Date Received 9 / 11 / 02
Courier: FX **Hand Delivered** ☐
Bill of Lading See attach

SEVERN TRENT SERVICES

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

Report To:

Contact: Dave Brewer
Company: SCS
Address: 10401 Holmes Rd #400
Kansas City Mo 64131
Phone: 816 941 7510
Fax: 816 941 8025
E-Mail: DBrewer@scsengineers.com

Bill To:

Contact: Sandy Weeks
Company: SCS
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only 2 of 2

Lab Lot# 211927

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

Temperature °C of Cooler

Sampler Name: Mark Orr
Signature:
Project Name: GSA SCOP
Project Number: 022070000.11
Project Location:
Lab PM:
Date Required
Hard Copy: ____/____/____
Fax: ____/____/____

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

Sample Labels and COC Agree
(Yes) No COC not present

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	Refrg #	# / Cont.	Volume	Preserv	VOC (En Core)	Metals	PCB / Explosives	Additional Analyses / Remarks
								1	5gr	NA				
								1	160z	NA				
								1	160z	NA				
3		105-3	9.10.02	16:10	S									
4		105-4		16:50										
5		105-5		17:30										
6		101-1		18:25	S									
7		101-2		18:30										
8		101-3		18:40										
9		101-4		18:50										

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
(b)(6)	SCS	9.10.02	8:00	(b)(6)	STL	9-11-02	0845
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

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

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

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

COMMENTS

Date Received 9 / 11 / 02
Courier: FX **Hand Delivered** ☐
Bill of Lading See attach

SEVERN TRENT SERVICES

STL Chicago

SEVERN TRENT LABORATORIES
ANALYTICAL REPORT

JOB NUMBER: 211929

Prepared For:

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

Project: GSA - SLOP - Investigation

Attention: David Brewer

Date: 09/26/2002

(b) (6)

Signature

Name: Richard C. Wright

Title: Project Manager

E-Mail: rwright@stl-inc.com

9/27/02

Date

STL Chicago
2417 Bond Street
University Park, IL 60466

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

STL Chicago is part of Severn Trent Laboratories, Inc.

Severn Trent Laboratories - Chicago
METALS CASE NARRATIVE

Client: SCS Engineers, Inc
Project: GSA - SLOPGSA
STL Job#: 211929

Date Recd: 09/11/02

1. This narrative covers the Metals nalysis of Wipe samples in the above Job.

   Method Refs: USEPA, SW 846

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

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

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

5. All Preparation/Method Blanks were below the Reporting Limit except for Calcium & Zinc. Calcium and Zinc in the samples were greater than 10X the blank concentration.

6. Laboratory Control Sample recoveries were within the 80-120% control limits.

7. Matrix QC. was not requeated.

(b) (6)

Mani S. Iyer
Metals Section Manager

9/25/02
Date

STL Chicago
PCB Case Narrative

SCS Engineers, Inc.
GSA – SLOP - Investigation
Job #: 211929-1 through 14
PCBs

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

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

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

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

4. The method blank was below the reporting limits for all Aroclors.

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

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

7. The blank spike and blank spike duplicate recoveries and RPDs were within statistical control limits.

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

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

10. All positive hits were confirmed using a second column. Results from the primary column (Rtx-5) only have been reported.

(b) (6)

Patti Gibson
Organics Section Manager

9/25/02
Date

STL Chicago
Explosives Case Narrative

SCS Engineers, Inc.
GSA – SLOP - Investigation
Job #: 211929-1 through 14
Explosives

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

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

2. These wipe samples were extracted based on a modified SW846 method 8330 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. The blank spike and blank spike duplicate recoveries had numerous recoveries just outside statistical control limits. However, the blank spike and blank spike duplicate for 2,4,6-TNT had recoveries of 0% and 33%, respectively and Tetryl with 9% and 0%, respectively. All RPDs were <20%, except Tetryl (200%), 2,4,6-TNT (200%) and 1,3,5-Trinitrobenzene (31%). There was insufficient sample volume to re-extract.

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

8. All initial and continuing standard calibrations associated with these samples were in control on the primary column (C18). However, a retention time shift was observed and taken into account during data review.

9. All initial and continuing standard calibrations associated with these samples were in control on the confirmation column (CN).

10. Target compounds were qualitatively confirmed using a second (CN) column.

11. All samples were analyzed at a 1/2 dilution due to matrix interference. Reporting limits were adjusted to reflect these necessary dilutions.

(b) (6)

Patti Gibson
Organics Section Manager

9/26/02
Date

SEVERN TRENT SERVICES

STL Chicago

SAMPLE INFORMATION
Date: 09/26/2002

Job Number.: 211929
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
211929-1	Bldg105EWS1	Wipe	09/10/2002	15:00	09/11/2002	08:45
211929-2	105EWS2	Wipe	09/10/2002	15:30	09/11/2002	08:45
211929-3	105FWS1	Wipe	09/10/2002	16:00	09/11/2002	08:45
211929-4	105FWS2	Wipe	09/10/2002	16:30	09/11/2002	08:45
211929-5	105WS1	Wipe	09/10/2002	17:00	09/11/2002	08:45
211929-6	105WS2	Wipe	09/10/2002	17:30	09/11/2002	08:45
211929-7	105WS3	Wipe	09/10/2002	18:00	09/11/2002	08:45
211929-8	105WS4	Wipe	09/10/2002	18:05	09/11/2002	08:45
211929-9	105WS5	Wipe	09/10/2002	18:15	09/11/2002	08:45
211929-10	105WS6	Wipe	09/10/2002	18:30	09/11/2002	08:45
211929-11	105WS7	Wipe	09/10/2002	18:45	09/11/2002	08:45
211929-12	105WS8	Wipe	09/10/2002	19:00	09/11/2002	08:45
211929-13	105WS9	Wipe	09/10/2002	19:15	09/11/2002	08:45
211929-14	105WS10	Wipe	09/10/2002	19:30	09/11/2002	08:45

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: Bldg105EWS1
Date Sampled.....: 09/10/2002
Time Sampled.....: 15:00
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-1
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1712	mgk
	Aroclor 1221, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1712	mgk
	Aroclor 1232, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1712	mgk
	Aroclor 1242, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1712	mgk
	Aroclor 1248, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1712	mgk
	Aroclor 1254, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1712	mgk
	Aroclor 1260, Wipe	0.80			0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1712	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U	*	5.0	5.0	2.00000	ug/Wipe	63872		09/24/02 1717	san
	RDX, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 1717	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 1717	san
	1,3-Dinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 1717	san
	Nitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 1717	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 1717	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 1717	san
	2,4-Dinitrotoluene, Wipe	17		*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 1717	san
	2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 1717	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 1717	san
	4-Amino-2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 1717	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 1717	san
	4-Nitrotoluene, Wipe	ND	U	*	10	10	2.00000	ug/Wipe	63872		09/24/02 1717	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 1717	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	6.8			0.020	0.020	1	mg/Wipe	63524		09/21/02 0331	tds
	Antimony, Wipe	0.0098			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0331	tds
	Arsenic, Wipe	0.022			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0331	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: Bldg105EWS1
Date Sampled.....: 09/10/2002
Time Sampled.....: 15:00
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-1
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	1.6			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0331	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0331	tds
	Cadmium, Wipe	0.023			0.0002	0.0002	1	mg/Wipe	63524		09/21/02 0331	tds
	Calcium, Wipe	96			0.010	0.010	1	mg/Wipe	63524		09/21/02 0331	tds
	Chromium, Wipe	0.13			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0331	tds
	Cobalt, Wipe	0.12			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0331	tds
	Copper, Wipe	0.96			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0331	tds
	Iron, Wipe	150			0.025	0.025	5	mg/Wipe	63632		09/23/02 2138	tds
	Lead, Wipe	8.4			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0331	tds
	Magnesium, Wipe	12			0.010	0.010	1	mg/Wipe	63524		09/21/02 0331	tds
	Manganese, Wipe	1.2			0.0050	0.0050	5	mg/Wipe	63632		09/23/02 2138	tds
	Nickel, Wipe	0.071			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0331	tds
	Potassium, Wipe	4.0			0.050	0.050	1	mg/Wipe	63524		09/21/02 0331	tds
	Selenium, Wipe	0.0032			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0331	tds
	Silver, Wipe	0.013			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0331	tds
	Sodium, Wipe	2.6			0.50	0.50	5	mg/Wipe	63632		09/23/02 2138	tds
	Thallium, Wipe	0.0016			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0331	tds
	Vanadium, Wipe	0.023			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0331	tds
	Zinc, Wipe	21		H	0.040	0.040	20	mg/Wipe	63632		09/23/02 2144	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: 105EWS2
Date Sampled.....: 09/10/2002
Time Sampled.....: 15:30
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-2
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1806	mgk
	Aroclor 1221, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1806	mgk
	Aroclor 1232, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1806	mgk
	Aroclor 1242, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1806	mgk
	Aroclor 1248, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1806	mgk
	Aroclor 1254, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1806	mgk
	Aroclor 1260, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1806	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U	*	5.0	5.0	2.00000	ug/Wipe	63872		09/24/02 1822	san
	RDX, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 1822	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 1822	san
	1,3-Dinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 1822	san
	Nitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 1822	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 1822	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 1822	san
	2,4-Dinitrotoluene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 1822	san
	2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 1822	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 1822	san
	4-Amino-2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 1822	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 1822	san
	4-Nitrotoluene, Wipe	ND	U	*	10	10	2.00000	ug/Wipe	63872		09/24/02 1822	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 1822	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	4.0			0.020	0.020	1	mg/Wipe	63524		09/21/02 0402	tds
	Antimony, Wipe	0.0033			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0402	tds
	Arsenic, Wipe	0.0084			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0402	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: 105EWS2
Date Sampled.....: 09/10/2002
Time Sampled.....: 15:30
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-2
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	3.5			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0402	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0402	tds
	Cadmium, Wipe	0.013			0.0002	0.0002	1	mg/Wipe	63524		09/21/02 0402	tds
	Calcium, Wipe	61			0.010	0.010	1	mg/Wipe	63524		09/21/02 0402	tds
	Chromium, Wipe	0.054			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0402	tds
	Cobalt, Wipe	0.095			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0402	tds
	Copper, Wipe	0.13			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0402	tds
	Iron, Wipe	29			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0402	tds
	Lead, Wipe	3.7			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0402	tds
	Magnesium, Wipe	6.9			0.010	0.010	1	mg/Wipe	63524		09/21/02 0402	tds
	Manganese, Wipe	0.38			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0402	tds
	Nickel, Wipe	0.032			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0402	tds
	Potassium, Wipe	1.6			0.050	0.050	1	mg/Wipe	63524		09/21/02 0402	tds
	Selenium, Wipe	0.0027			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0402	tds
	Silver, Wipe	0.0023			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0402	tds
	Sodium, Wipe	ND	U		2.0	2.0	20	mg/Wipe	63632		09/23/02 2202	tds
	Thallium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0402	tds
	Vanadium, Wipe	0.014			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0402	tds
	Zinc, Wipe	17		H	0.040	0.040	20	mg/Wipe	63632		09/23/02 2202	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: 105FWS1
Date Sampled.....: 09/10/2002
Time Sampled.....: 16:00
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-3
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1839	mgk
	Aroclor 1221, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1839	mgk
	Aroclor 1232, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1839	mgk
	Aroclor 1242, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1839	mgk
	Aroclor 1248, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1839	mgk
	Aroclor 1254, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1839	mgk
	Aroclor 1260, Wipe	1.6			0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1839	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U	*	5.0	5.0	2.00000	ug/Wipe	63872		09/24/02 1927	san
	RDX, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 1927	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 1927	san
	1,3-Dinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 1927	san
	Nitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 1927	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 1927	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 1927	san
	2,4-Dinitrotoluene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 1927	san
	2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 1927	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 1927	san
	4-Amino-2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 1927	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 1927	san
	4-Nitrotoluene, Wipe	ND	U	*	10	10	2.00000	ug/Wipe	63872		09/24/02 1927	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 1927	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	3.8			0.020	0.020	1	mg/Wipe	63524		09/21/02 0409	tds
	Antimony, Wipe	0.011			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0409	tds
	Arsenic, Wipe	0.031			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0409	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: 105FWS1
Date Sampled.....: 09/10/2002
Time Sampled.....: 16:00
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-3
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	2.1			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0409	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0409	tds
	Cadmium, Wipe	0.95			0.001	0.001	5	mg/Wipe	63632		09/23/02 2209	tds
	Calcium, Wipe	46			0.010	0.010	1	mg/Wipe	63524		09/21/02 0409	tds
	Chromium, Wipe	0.11			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0409	tds
	Cobalt, Wipe	0.041			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0409	tds
	Copper, Wipe	2.2			0.0050	0.0050	5	mg/Wipe	63632		09/23/02 2209	tds
	Iron, Wipe	320			0.10	0.10	20	mg/Wipe	63632		09/23/02 2215	tds
	Lead, Wipe	3.3			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0409	tds
	Magnesium, Wipe	4.8			0.010	0.010	1	mg/Wipe	63524		09/21/02 0409	tds
	Manganese, Wipe	1.5			0.0050	0.0050	5	mg/Wipe	63632		09/23/02 2209	tds
	Nickel, Wipe	0.060			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0409	tds
	Potassium, Wipe	2.0			0.050	0.050	1	mg/Wipe	63524		09/21/02 0409	tds
	Selenium, Wipe	ND	U		0.002	0.002	5	mg/Wipe	63632		09/23/02 2209	tds
	Silver, Wipe	0.0017			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0409	tds
	Sodium, Wipe	3.9			0.50	0.50	5	mg/Wipe	63632		09/23/02 2209	tds
	Thallium, Wipe	0.0026			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0409	tds
	Vanadium, Wipe	0.013			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0409	tds
	Zinc, Wipe	12		H	0.040	0.040	20	mg/Wipe	63632		09/23/02 2215	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: 105FWS2
Date Sampled.....: 09/10/2002
Time Sampled.....: 16:30
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-4
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1911	mgk
	Aroclor 1221, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1911	mgk
	Aroclor 1232, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1911	mgk
	Aroclor 1242, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1911	mgk
	Aroclor 1248, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1911	mgk
	Aroclor 1254, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1911	mgk
	Aroclor 1260, Wipe	0.55			0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1911	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U	*	5.0	5.0	2.00000	ug/Wipe	63872		09/24/02 2032	san
	RDX, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 2032	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 2032	san
	1,3-Dinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 2032	san
	Nitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 2032	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 2032	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 2032	san
	2,4-Dinitrotoluene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 2032	san
	2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 2032	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 2032	san
	4-Amino-2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 2032	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 2032	san
	4-Nitrotoluene, Wipe	ND	U	*	10	10	2.00000	ug/Wipe	63872		09/24/02 2032	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 2032	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	4.3			0.020	0.020	1	mg/Wipe	63524		09/21/02 0415	tds
	Antimony, Wipe	0.0084			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0415	tds
	Arsenic, Wipe	0.0098			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0415	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: 105FWS2
Date Sampled.....: 09/10/2002
Time Sampled.....: 16:30
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-4
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	1.4			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0415	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0415	tds
	Cadmium, Wipe	0.067			0.0002	0.0002	1	mg/Wipe	63524		09/21/02 0415	tds
	Calcium, Wipe	56			0.010	0.010	1	mg/Wipe	63524		09/21/02 0415	tds
	Chromium, Wipe	0.046			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0415	tds
	Cobalt, Wipe	0.061			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0415	tds
	Copper, Wipe	0.19			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0415	tds
	Iron, Wipe	37			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0415	tds
	Lead, Wipe	5.7			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0415	tds
	Magnesium, Wipe	8.5			0.010	0.010	1	mg/Wipe	63524		09/21/02 0415	tds
	Manganese, Wipe	0.35			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0415	tds
	Nickel, Wipe	0.032			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0415	tds
	Potassium, Wipe	1.9			0.050	0.050	1	mg/Wipe	63524		09/21/02 0415	tds
	Selenium, Wipe	0.0039			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0415	tds
	Silver, Wipe	0.0012			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0415	tds
	Sodium, Wipe	2.1			2.0	2.0	20	mg/Wipe	63632		09/23/02 2221	tds
	Thallium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0415	tds
	Vanadium, Wipe	0.012			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0415	tds
	Zinc, Wipe	9.7		H	0.040	0.040	20	mg/Wipe	63632		09/23/02 2221	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: 105WS1
Date Sampled.....: 09/10/2002
Time Sampled.....: 17:00
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-5
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1944	mgk
	Aroclor 1221, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1944	mgk
	Aroclor 1232, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1944	mgk
	Aroclor 1242, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1944	mgk
	Aroclor 1248, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1944	mgk
	Aroclor 1254, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1944	mgk
	Aroclor 1260, Wipe	2.6			0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 1944	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U	*	5.0	5.0	2.00000	ug/Wipe	63872		09/24/02 2137	san
	RDX, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 2137	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 2137	san
	1,3-Dinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 2137	san
	Nitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 2137	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 2137	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 2137	san
	2,4-Dinitrotoluene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 2137	san
	2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 2137	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 2137	san
	4-Amino-2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 2137	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 2137	san
	4-Nitrotoluene, Wipe	ND	U	*	10	10	2.00000	ug/Wipe	63872		09/24/02 2137	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 2137	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	6.1			0.020	0.020	1	mg/Wipe	63524		09/21/02 0421	tds
	Antimony, Wipe	0.023			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0421	tds
	Arsenic, Wipe	0.089			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0421	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: 105WS1
Date Sampled.....: 09/10/2002
Time Sampled.....: 17:00
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-5
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	0.90			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0421	tds
	Beryllium, Wipe	0.0005			0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0421	tds
	Cadmium, Wipe	0.039			0.0002	0.0002	1	mg/Wipe	63524		09/21/02 0421	tds
	Calcium, Wipe	77			0.010	0.010	1	mg/Wipe	63524		09/21/02 0421	tds
	Chromium, Wipe	0.35			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0421	tds
	Cobalt, Wipe	0.19			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0421	tds
	Copper, Wipe	3.4			0.0050	0.0050	5	mg/Wipe	63632		09/23/02 2251	tds
	Iron, Wipe	780			0.10	0.10	20	mg/Wipe	63632		09/23/02 2257	tds
	Lead, Wipe	5.5			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0421	tds
	Magnesium, Wipe	5.6			0.010	0.010	1	mg/Wipe	63524		09/21/02 0421	tds
	Manganese, Wipe	3.4			0.0050	0.0050	5	mg/Wipe	63632		09/23/02 2251	tds
	Nickel, Wipe	0.19			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0421	tds
	Potassium, Wipe	4.2			0.050	0.050	1	mg/Wipe	63524		09/21/02 0421	tds
	Selenium, Wipe	0.0096			0.002	0.002	5	mg/Wipe	63632		09/23/02 2251	tds
	Silver, Wipe	0.0039			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0421	tds
	Sodium, Wipe	9.3			0.50	0.50	5	mg/Wipe	63632		09/23/02 2251	tds
	Thallium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0421	tds
	Vanadium, Wipe	0.029			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0421	tds
	Zinc, Wipe	6.1		H	0.010	0.010	5	mg/Wipe	63632		09/23/02 2251	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: 105WS2
Date Sampled.....: 09/10/2002
Time Sampled.....: 17:30
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-6
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		2.5	2.5	5.00000	ug/Wipe	63674		09/19/02 2017	mgk
	Aroclor 1221, Wipe	ND	U		2.5	2.5	5.00000	ug/Wipe	63674		09/19/02 2017	mgk
	Aroclor 1232, Wipe	ND	U		2.5	2.5	5.00000	ug/Wipe	63674		09/19/02 2017	mgk
	Aroclor 1242, Wipe	ND	U		2.5	2.5	5.00000	ug/Wipe	63674		09/19/02 2017	mgk
	Aroclor 1248, Wipe	ND	U		2.5	2.5	5.00000	ug/Wipe	63674		09/19/02 2017	mgk
	Aroclor 1254, Wipe	ND	U		2.5	2.5	5.00000	ug/Wipe	63674		09/19/02 2017	mgk
	Aroclor 1260, Wipe	6.2			2.5	2.5	5.00000	ug/Wipe	63674		09/19/02 2017	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U	*	5.0	5.0	2.00000	ug/Wipe	63872		09/24/02 2315	san
	RDX, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 2315	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 2315	san
	1,3-Dinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 2315	san
	Nitrobenzene, Wipe	3.1		M	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 2315	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 2315	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 2315	san
	2,4-Dinitrotoluene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/24/02 2315	san
	2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 2315	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 2315	san
	4-Amino-2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 2315	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 2315	san
	4-Nitrotoluene, Wipe	ND	U	*	10	10	2.00000	ug/Wipe	63872		09/24/02 2315	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/24/02 2315	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	11			0.020	0.020	1	mg/Wipe	63524		09/21/02 0427	tds
	Antimony, Wipe	0.014			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0427	tds
	Arsenic, Wipe	0.030			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0427	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: 105WS2
Date Sampled.....: 09/10/2002
Time Sampled.....: 17:30
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-6
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	0.77			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0427	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0427	tds
	Cadmium, Wipe	0.050			0.0002	0.0002	1	mg/Wipe	63524		09/21/02 0427	tds
	Calcium, Wipe	170		H	0.050	0.050	5	mg/Wipe	63632		09/23/02 2303	tds
	Chromium, Wipe	0.21			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0427	tds
	Cobalt, Wipe	0.23			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0427	tds
	Copper, Wipe	18			0.020	0.020	20	mg/Wipe	63632		09/23/02 2310	tds
	Iron, Wipe	120			0.025	0.025	5	mg/Wipe	63632		09/23/02 2303	tds
	Lead, Wipe	7.3			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0427	tds
	Magnesium, Wipe	9.7			0.010	0.010	1	mg/Wipe	63524		09/21/02 0427	tds
	Manganese, Wipe	0.80			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0427	tds
	Nickel, Wipe	0.075			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0427	tds
	Potassium, Wipe	4.4			0.050	0.050	1	mg/Wipe	63524		09/21/02 0427	tds
	Selenium, Wipe	0.0070			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0427	tds
	Silver, Wipe	0.0053			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0427	tds
	Sodium, Wipe	4.6			0.50	0.50	5	mg/Wipe	63632		09/23/02 2303	tds
	Thallium, Wipe	0.0016			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0427	tds
	Vanadium, Wipe	0.047			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0427	tds
	Zinc, Wipe	16		H	0.040	0.040	20	mg/Wipe	63632		09/23/02 2310	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

Job Number: 211929

LABORATORY TEST RESULTS

Date:09/26/2002

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

Customer Sample ID: 105WS3
Date Sampled.....: 09/10/2002
Time Sampled.....: 18:00
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-7
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		5.0	5.0	10.0000	ug/Wipe	63674		09/19/02 2049	mgk
	Aroclor 1221, Wipe	ND	U		5.0	5.0	10.0000	ug/Wipe	63674		09/19/02 2049	mgk
	Aroclor 1232, Wipe	ND	U		5.0	5.0	10.0000	ug/Wipe	63674		09/19/02 2049	mgk
	Aroclor 1242, Wipe	ND	U		5.0	5.0	10.0000	ug/Wipe	63674		09/19/02 2049	mgk
	Aroclor 1248, Wipe	ND	U		5.0	5.0	10.0000	ug/Wipe	63674		09/19/02 2049	mgk
	Aroclor 1254, Wipe	ND	U		5.0	5.0	10.0000	ug/Wipe	63674		09/19/02 2049	mgk
	Aroclor 1260, Wipe	18			5.0	5.0	10.0000	ug/Wipe	63674		09/19/02 2049	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U	*	5.0	5.0	2.00000	ug/Wipe	63872		09/25/02 0020	san
	RDX, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0020	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0020	san
	1,3-Dinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0020	san
	Nitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0020	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0020	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0020	san
	2,4-Dinitrotoluene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0020	san
	2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0020	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0020	san
	4-Amino-2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0020	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0020	san
	4-Nitrotoluene, Wipe	ND	U	*	10	10	2.00000	ug/Wipe	63872		09/25/02 0020	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0020	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	17			0.020	0.020	1	mg/Wipe	63524		09/21/02 0433	tds
	Antimony, Wipe	0.10			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0433	tds
	Arsenic, Wipe	0.035			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0433	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: 105WS3
Date Sampled.....: 09/10/2002
Time Sampled.....: 18:00
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-7
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	0.71			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0433	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0433	tds
	Cadmium, Wipe	0.062			0.0002	0.0002	1	mg/Wipe	63524		09/21/02 0433	tds
	Calcium, Wipe	210		H	0.050	0.050	5	mg/Wipe	63632		09/23/02 2316	tds
	Chromium, Wipe	0.52			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0433	tds
	Cobalt, Wipe	0.11			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0433	tds
	Copper, Wipe	11			0.020	0.020	20	mg/Wipe	63632		09/23/02 2322	tds
	Iron, Wipe	240			0.025	0.025	5	mg/Wipe	63632		09/23/02 2316	tds
	Lead, Wipe	10			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0433	tds
	Magnesium, Wipe	10			0.010	0.010	1	mg/Wipe	63524		09/21/02 0433	tds
	Manganese, Wipe	2.2			0.0050	0.0050	5	mg/Wipe	63632		09/23/02 2316	tds
	Nickel, Wipe	0.34			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0433	tds
	Potassium, Wipe	6.6			0.050	0.050	1	mg/Wipe	63524		09/21/02 0433	tds
	Selenium, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0433	tds
	Silver, Wipe	0.0048			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0433	tds
	Sodium, Wipe	4.3			0.50	0.50	5	mg/Wipe	63632		09/23/02 2316	tds
	Thallium, Wipe	0.0021			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0433	tds
	Vanadium, Wipe	0.067			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0433	tds
	Zinc, Wipe	8.7		H	0.010	0.010	5	mg/Wipe	63632		09/23/02 2316	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: 105WS4
Date Sampled.....: 09/10/2002
Time Sampled.....: 18:05
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-8
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 2155	mgk
	Aroclor 1221, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 2155	mgk
	Aroclor 1232, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 2155	mgk
	Aroclor 1242, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 2155	mgk
	Aroclor 1248, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 2155	mgk
	Aroclor 1254, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 2155	mgk
	Aroclor 1260, Wipe	2.5			0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 2155	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U	*	5.0	5.0	2.00000	ug/Wipe	63872		09/25/02 1551	san
	RDX, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 1551	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 1551	san
	1,3-Dinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 1551	san
	Nitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 1551	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 1551	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 1551	san
	2,4-Dinitrotoluene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 1551	san
	2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 1551	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 1551	san
	4-Amino-2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 1551	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 1551	san
	4-Nitrotoluene, Wipe	ND	U	*	10	10	2.00000	ug/Wipe	63872		09/25/02 1551	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 1551	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	3.0			0.020	0.020	1	mg/Wipe	63524		09/21/02 0440	tds
	Antimony, Wipe	0.0071			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0440	tds
	Arsenic, Wipe	0.0037			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0440	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: 105WS4
Date Sampled.....: 09/10/2002
Time Sampled.....: 18:05
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-8
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	0.10			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0440	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0440	tds
	Cadmium, Wipe	0.021			0.0002	0.0002	1	mg/Wipe	63524		09/21/02 0440	tds
	Calcium, Wipe	49			0.010	0.010	1	mg/Wipe	63524		09/21/02 0440	tds
	Chromium, Wipe	0.042			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0440	tds
	Cobalt, Wipe	0.0059			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0440	tds
	Copper, Wipe	0.25			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0440	tds
	Iron, Wipe	13			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0440	tds
	Lead, Wipe	0.63			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0440	tds
	Magnesium, Wipe	2.0			0.010	0.010	1	mg/Wipe	63524		09/21/02 0440	tds
	Manganese, Wipe	0.16			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0440	tds
	Nickel, Wipe	0.016			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0440	tds
	Potassium, Wipe	2.3			0.050	0.050	1	mg/Wipe	63524		09/21/02 0440	tds
	Selenium, Wipe	0.0014			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0440	tds
	Silver, Wipe	0.0005			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0440	tds
	Sodium, Wipe	2.7			0.50	0.50	5	mg/Wipe	63632		09/23/02 2328	tds
	Thallium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0440	tds
	Vanadium, Wipe	0.0074			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0440	tds
	Zinc, Wipe	2.9		H	0.010	0.010	5	mg/Wipe	63632		09/23/02 2328	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: 105WS5
Date Sampled.....: 09/10/2002
Time Sampled.....: 18:15
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-9
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		2.5	2.5	5.00000	ug/Wipe	63674		09/19/02 2227	mgk
	Aroclor 1221, Wipe	ND	U		2.5	2.5	5.00000	ug/Wipe	63674		09/19/02 2227	mgk
	Aroclor 1232, Wipe	ND	U		2.5	2.5	5.00000	ug/Wipe	63674		09/19/02 2227	mgk
	Aroclor 1242, Wipe	ND	U		2.5	2.5	5.00000	ug/Wipe	63674		09/19/02 2227	mgk
	Aroclor 1248, Wipe	ND	U		2.5	2.5	5.00000	ug/Wipe	63674		09/19/02 2227	mgk
	Aroclor 1254, Wipe	ND	U		2.5	2.5	5.00000	ug/Wipe	63674		09/19/02 2227	mgk
	Aroclor 1260, Wipe	7.5			2.5	2.5	5.00000	ug/Wipe	63674		09/19/02 2227	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U	*	5.0	5.0	2.00000	ug/Wipe	63872		09/25/02 0230	san
	RDX, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0230	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0230	san
	1,3-Dinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0230	san
	Nitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0230	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0230	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0230	san
	2,4-Dinitrotoluene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0230	san
	2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0230	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0230	san
	4-Amino-2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0230	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0230	san
	4-Nitrotoluene, Wipe	ND	U	*	10	10	2.00000	ug/Wipe	63872		09/25/02 0230	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0230	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	5.4			0.020	0.020	1	mg/Wipe	63524		09/21/02 0446	tds
	Antimony, Wipe	0.015			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0446	tds
	Arsenic, Wipe	0.018			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0446	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: 105WS5
Date Sampled.....: 09/10/2002
Time Sampled.....: 18:15
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-9
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	0.41			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0446	tds
	Beryllium, Wipe	0.0004			0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0446	tds
	Cadmium, Wipe	0.033			0.0002	0.0002	1	mg/Wipe	63524		09/21/02 0446	tds
	Calcium, Wipe	58			0.010	0.010	1	mg/Wipe	63524		09/21/02 0446	tds
	Chromium, Wipe	0.14			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0446	tds
	Cobalt, Wipe	0.036			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0446	tds
	Copper, Wipe	2.4			0.0050	0.0050	5	mg/Wipe	63632		09/23/02 2335	tds
	Iron, Wipe	32			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0446	tds
	Lead, Wipe	4.9			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0446	tds
	Magnesium, Wipe	2.1			0.010	0.010	1	mg/Wipe	63524		09/21/02 0446	tds
	Manganese, Wipe	0.32			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0446	tds
	Nickel, Wipe	0.054			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0446	tds
	Potassium, Wipe	1.8			0.050	0.050	1	mg/Wipe	63524		09/21/02 0446	tds
	Selenium, Wipe	0.0052			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0446	tds
	Silver, Wipe	0.0043			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0446	tds
	Sodium, Wipe	2.4			0.50	0.50	5	mg/Wipe	63632		09/23/02 2335	tds
	Thallium, Wipe	0.0015			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0446	tds
	Vanadium, Wipe	0.023			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0446	tds
	Zinc, Wipe	2.8		H	0.010	0.010	5	mg/Wipe	63632		09/23/02 2335	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: 105WS6
Date Sampled.....: 09/10/2002
Time Sampled.....: 18:30
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-10
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 2300	mgk
	Aroclor 1221, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 2300	mgk
	Aroclor 1232, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 2300	mgk
	Aroclor 1242, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 2300	mgk
	Aroclor 1248, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 2300	mgk
	Aroclor 1254, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 2300	mgk
	Aroclor 1260, Wipe	0.74			0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 2300	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U	*	5.0	5.0	2.00000	ug/Wipe	63872		09/25/02 0335	san
	RDX, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0335	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0335	san
	1,3-Dinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0335	san
	Nitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0335	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0335	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0335	san
	2,4-Dinitrotoluene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0335	san
	2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0335	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0335	san
	4-Amino-2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0335	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0335	san
	4-Nitrotoluene, Wipe	ND	U	*	10	10	2.00000	ug/Wipe	63872		09/25/02 0335	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0335	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	0.44			0.020	0.020	1	mg/Wipe	63524		09/21/02 0452	tds
	Antimony, Wipe	0.0032			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0452	tds
	Arsenic, Wipe	0.0014			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0452	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: 105WS6
Date Sampled.....: 09/10/2002
Time Sampled.....: 18:30
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-10
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	0.71			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0452	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0452	tds
	Cadmium, Wipe	0.0013			0.0002	0.0002	1	mg/Wipe	63524		09/21/02 0452	tds
	Calcium, Wipe	10			0.010	0.010	1	mg/Wipe	63524		09/21/02 0452	tds
	Chromium, Wipe	0.0059			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0452	tds
	Cobalt, Wipe	0.016			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0452	tds
	Copper, Wipe	0.027			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0452	tds
	Iron, Wipe	1.2			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0452	tds
	Lead, Wipe	0.39			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0452	tds
	Magnesium, Wipe	0.45			0.010	0.010	1	mg/Wipe	63524		09/21/02 0452	tds
	Manganese, Wipe	0.032			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0452	tds
	Nickel, Wipe	0.0037			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0452	tds
	Potassium, Wipe	0.30			0.050	0.050	1	mg/Wipe	63524		09/21/02 0452	tds
	Selenium, Wipe	0.0012			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0452	tds
	Silver, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0452	tds
	Sodium, Wipe	1.3			0.50	0.50	5	mg/Wipe	63632		09/23/02 2341	tds
	Thallium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0452	tds
	Vanadium, Wipe	0.0014			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0452	tds
	Zinc, Wipe	2.6		H	0.010	0.010	5	mg/Wipe	63632		09/23/02 2341	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: 105WS7
Date Sampled.....: 09/10/2002
Time Sampled.....: 18:45
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-11
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 2332	mgk
	Aroclor 1221, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 2332	mgk
	Aroclor 1232, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 2332	mgk
	Aroclor 1242, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 2332	mgk
	Aroclor 1248, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 2332	mgk
	Aroclor 1254, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 2332	mgk
	Aroclor 1260, Wipe	3.2			0.50	0.50	1.00000	ug/Wipe	63674		09/19/02 2332	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U	*	5.0	5.0	2.00000	ug/Wipe	63872		09/25/02 0512	san
	RDX, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0512	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	a*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0512	san
	1,3-Dinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0512	san
	Nitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0512	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0512	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0512	san
	2,4-Dinitrotoluene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0512	san
	2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0512	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0512	san
	4-Amino-2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0512	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0512	san
	4-Nitrotoluene, Wipe	ND	U	*	10	10	2.00000	ug/Wipe	63872		09/25/02 0512	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0512	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	5.9			0.020	0.020	1	mg/Wipe	63524		09/21/02 0458	tds
	Antimony, Wipe	0.012			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0458	tds
	Arsenic, Wipe	0.022			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0458	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: 105WS7
Date Sampled.....: 09/10/2002
Time Sampled.....: 18:45
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-11
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	2.5			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0458	tds
	Beryllium, Wipe	0.0005			0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0458	tds
	Cadmium, Wipe	0.040			0.0002	0.0002	1	mg/Wipe	63524		09/21/02 0458	tds
	Calcium, Wipe	49			0.010	0.010	1	mg/Wipe	63524		09/21/02 0458	tds
	Chromium, Wipe	0.078			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0458	tds
	Cobalt, Wipe	0.044			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0458	tds
	Copper, Wipe	0.56			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0458	tds
	Iron, Wipe	24			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0458	tds
	Lead, Wipe	11			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0458	tds
	Magnesium, Wipe	2.7			0.010	0.010	1	mg/Wipe	63524		09/21/02 0458	tds
	Manganese, Wipe	0.31			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0458	tds
	Nickel, Wipe	0.032			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0458	tds
	Potassium, Wipe	2.2			0.050	0.050	1	mg/Wipe	63524		09/21/02 0458	tds
	Selenium, Wipe	0.0052			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0458	tds
	Silver, Wipe	0.0029			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0458	tds
	Sodium, Wipe	ND	U		2.0	2.0	20	mg/Wipe	63632		09/23/02 2347	tds
	Thallium, Wipe	0.0019			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0458	tds
	Vanadium, Wipe	0.024			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0458	tds
	Zinc, Wipe	12		H	0.040	0.040	20	mg/Wipe	63632		09/23/02 2347	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

Job Number: 211929

LABORATORY TEST RESULTS

Date:09/26/2002

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

Customer Sample ID: 105WS8
Date Sampled.....: 09/10/2002
Time Sampled.....: 19:00
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-12
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/20/02 0005	mgk
	Aroclor 1221, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/20/02 0005	mgk
	Aroclor 1232, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/20/02 0005	mgk
	Aroclor 1242, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/20/02 0005	mgk
	Aroclor 1248, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/20/02 0005	mgk
	Aroclor 1254, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/20/02 0005	mgk
	Aroclor 1260, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/20/02 0005	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U	*	5.0	5.0	2.00000	ug/Wipe	63872		09/25/02 2044	san
	RDX, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 2044	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 2044	san
	1,3-Dinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 2044	san
	Nitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 2044	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 2044	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 2044	san
	2,4-Dinitrotoluene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 2044	san
	2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 2044	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 2044	san
	4-Amino-2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 2044	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 2044	san
	4-Nitrotoluene, Wipe	ND	U	*	10	10	2.00000	ug/Wipe	63872		09/25/02 2044	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 2044	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	1.2			0.020	0.020	1	mg/Wipe	63524		09/21/02 0559	tds
	Antimony, Wipe	0.0027			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0559	tds
	Arsenic, Wipe	0.012			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0559	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: 105WS8
Date Sampled.....: 09/10/2002
Time Sampled.....: 19:00
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-12
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	0.028			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0559	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0559	tds
	Cadmium, Wipe	0.0013			0.0002	0.0002	1	mg/Wipe	63524		09/21/02 0559	tds
	Calcium, Wipe	14			0.010	0.010	1	mg/Wipe	63524		09/21/02 0559	tds
	Chromium, Wipe	0.011			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0559	tds
	Cobalt, Wipe	0.001			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0559	tds
	Copper, Wipe	0.018			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0559	tds
	Iron, Wipe	2.5			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0559	tds
	Lead, Wipe	0.086			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0559	tds
	Magnesium, Wipe	1.4			0.010	0.010	1	mg/Wipe	63524		09/21/02 0559	tds
	Manganese, Wipe	0.044			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0559	tds
	Nickel, Wipe	0.0053			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0559	tds
	Potassium, Wipe	0.48			0.050	0.050	1	mg/Wipe	63524		09/21/02 0559	tds
	Selenium, Wipe	0.0011			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0559	tds
	Silver, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0559	tds
	Sodium, Wipe	1.6			0.10	0.10	1	mg/Wipe	63632		09/24/02 0057	tds
	Thallium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0559	tds
	Vanadium, Wipe	0.064			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0559	tds
	Zinc, Wipe	0.11			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0559	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: 105WS9
Date Sampled.....: 09/10/2002
Time Sampled.....: 19:15
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-13
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/20/02 0038	mgk
	Aroclor 1221, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/20/02 0038	mgk
	Aroclor 1232, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/20/02 0038	mgk
	Aroclor 1242, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/20/02 0038	mgk
	Aroclor 1248, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/20/02 0038	mgk
	Aroclor 1254, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63674		09/20/02 0038	mgk
	Aroclor 1260, Wipe	0.79			0.50	0.50	1.00000	ug/Wipe	63674		09/20/02 0038	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U	*	5.0	5.0	2.00000	ug/Wipe	63872		09/25/02 0723	san
	RDX, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0723	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0723	san
	1,3-Dinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0723	san
	Nitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0723	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0723	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0723	san
	2,4-Dinitrotoluene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0723	san
	2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0723	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0723	san
	4-Amino-2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0723	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0723	san
	4-Nitrotoluene, Wipe	ND	U	*	10	10	2.00000	ug/Wipe	63872		09/25/02 0723	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0723	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	5.4			0.020	0.020	1	mg/Wipe	63524		09/21/02 0606	tds
	Antimony, Wipe	0.0082			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0606	tds
	Arsenic, Wipe	0.0099			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0606	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: 105WS9
Date Sampled.....: 09/10/2002
Time Sampled.....: 19:15
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-13
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	2.0			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0606	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0606	tds
	Cadmium, Wipe	0.041			0.0002	0.0002	1	mg/Wipe	63524		09/21/02 0606	tds
	Calcium, Wipe	100		H	0.050	0.050	5	mg/Wipe	63632		09/24/02 0103	tds
	Chromium, Wipe	0.13			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0606	tds
	Cobalt, Wipe	0.11			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0606	tds
	Copper, Wipe	0.96			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0606	tds
	Iron, Wipe	72			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0606	tds
	Lead, Wipe	11			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0606	tds
	Magnesium, Wipe	4.6			0.010	0.010	1	mg/Wipe	63524		09/21/02 0606	tds
	Manganese, Wipe	0.43			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0606	tds
	Nickel, Wipe	0.029			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0606	tds
	Potassium, Wipe	4.6			0.050	0.050	1	mg/Wipe	63524		09/21/02 0606	tds
	Selenium, Wipe	0.0020			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0606	tds
	Silver, Wipe	0.0024			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0606	tds
	Sodium, Wipe	4.8			0.50	0.50	5	mg/Wipe	63632		09/24/02 0103	tds
	Thallium, Wipe	0.0021			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0606	tds
	Vanadium, Wipe	0.014			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0606	tds
	Zinc, Wipe	5.8		H	0.010	0.010	5	mg/Wipe	63632		09/24/02 0103	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: 105WS10
Date Sampled.....: 09/10/2002
Time Sampled.....: 19:30
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-14
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		2.5	2.5	5.00000	ug/Wipe	63674		09/21/02 0154	mgk
	Aroclor 1221, Wipe	ND	U		2.5	2.5	5.00000	ug/Wipe	63674		09/21/02 0154	mgk
	Aroclor 1232, Wipe	ND	U		2.5	2.5	5.00000	ug/Wipe	63674		09/21/02 0154	mgk
	Aroclor 1242, Wipe	ND	U		2.5	2.5	5.00000	ug/Wipe	63674		09/21/02 0154	mgk
	Aroclor 1248, Wipe	ND	U		2.5	2.5	5.00000	ug/Wipe	63674		09/21/02 0154	mgk
	Aroclor 1254, Wipe	ND	U		2.5	2.5	5.00000	ug/Wipe	63674		09/21/02 0154	mgk
	Aroclor 1260, Wipe	11			2.5	2.5	5.00000	ug/Wipe	63674		09/21/02 0154	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U	*	5.0	5.0	2.00000	ug/Wipe	63872		09/25/02 0828	san
	RDX, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0828	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	a*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0828	san
	1,3-Dinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0828	san
	Nitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0828	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0828	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0828	san
	2,4-Dinitrotoluene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	63872		09/25/02 0828	san
	2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0828	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0828	san
	4-Amino-2,6-Dinitrotoluene, Wipe	7.4		M*	4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0828	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0828	san
	4-Nitrotoluene, Wipe	ND	U	*	10	10	2.00000	ug/Wipe	63872		09/25/02 0828	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	63872		09/25/02 0828	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	8.6			0.020	0.020	1	mg/Wipe	63524		09/21/02 0612	tds
	Antimony, Wipe	0.015			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0612	tds
	Arsenic, Wipe	0.0082			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0612	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211929

Date:09/26/2002

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

Customer Sample ID: 105WS10
Date Sampled.....: 09/10/2002
Time Sampled.....: 19:30
Sample Matrix.....: Wipe

Laboratory Sample ID: 211929-14
Date Received.....: 09/11/2002
Time Received.....: 08:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	0.70			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0612	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0612	tds
	Cadmium, Wipe	0.032			0.0002	0.0002	1	mg/Wipe	63524		09/21/02 0612	tds
	Calcium, Wipe	120		H	0.050	0.050	5	mg/Wipe	63632		09/24/02 0109	tds
	Chromium, Wipe	0.20			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0612	tds
	Cobalt, Wipe	0.16			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0612	tds
	Copper, Wipe	1.2			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0612	tds
	Iron, Wipe	16			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0612	tds
	Lead, Wipe	5.1			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0612	tds
	Magnesium, Wipe	8.3			0.010	0.010	1	mg/Wipe	63524		09/21/02 0612	tds
	Manganese, Wipe	0.29			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0612	tds
	Nickel, Wipe	0.033			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0612	tds
	Potassium, Wipe	4.1			0.050	0.050	1	mg/Wipe	63524		09/21/02 0612	tds
	Selenium, Wipe	0.0036			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0612	tds
	Silver, Wipe	0.0037			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0612	tds
	Sodium, Wipe	3.0			0.50	0.50	5	mg/Wipe	63632		09/24/02 0109	tds
	Thallium, Wipe	0.0010			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0612	tds
	Vanadium, Wipe	0.021			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0612	tds
	Zinc, Wipe	6.6		H	0.010	0.010	5	mg/Wipe	63632		09/24/02 0109	tds

* In Description = Dry Wgt.

LABORATORY CHRONICLE

Job Number: 211929 Date: 09/26/2002

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

Lab ID: 211929-1 Client ID: Bldg105EWS1 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63562		09/17/2002	2030	
3050B	Acid Digestion: Solids (ICAP)	1	63171		09/19/2002	0835	
EDD	Electronic Data Deliverable	1					
8330	Explosives by 8330 (HPLC)	1	63872	63562	09/24/2002	1717	2.00000
3550B	Extraction Ultrasonic (PCBs)	1	62521		09/12/2002	1500	
6010B	Metals Analysis (ICAP Trace)	1	63524	63171	09/21/2002	0331	
6010B	Metals Analysis (ICAP Trace)	1	63632	63171	09/23/2002	2138	5
6010B	Metals Analysis (ICAP Trace)	1	63632	63171	09/23/2002	2144	20
8082	PCB Analysis	1	63674	62521	09/19/2002	1712	1.00000

Lab ID: 211929-2 Client ID: 105EWS2 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63562		09/17/2002	2030	
3050B	Acid Digestion: Solids (ICAP)	1	63171		09/19/2002	0835	
8330	Explosives by 8330 (HPLC)	1	63872	63562	09/24/2002	1822	2.00000
3550B	Extraction Ultrasonic (PCBs)	1	62521		09/12/2002	1500	
6010B	Metals Analysis (ICAP Trace)	1	63524	63171	09/21/2002	0402	
6010B	Metals Analysis (ICAP Trace)	1	63632	63171	09/23/2002	2202	20
8082	PCB Analysis	1	63674	62521	09/19/2002	1806	1.00000

Lab ID: 211929-3 Client ID: 105FWS1 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63562		09/17/2002	2030	
3050B	Acid Digestion: Solids (ICAP)	1	63171		09/19/2002	0835	
8330	Explosives by 8330 (HPLC)	1	63872	63562	09/24/2002	1927	2.00000
3550B	Extraction Ultrasonic (PCBs)	1	62521		09/12/2002	1500	
6010B	Metals Analysis (ICAP Trace)	1	63524	63171	09/21/2002	0409	
6010B	Metals Analysis (ICAP Trace)	1	63632	63171	09/23/2002	2209	5
6010B	Metals Analysis (ICAP Trace)	1	63632	63171	09/23/2002	2215	20
8082	PCB Analysis	1	63674	62521	09/19/2002	1839	1.00000

Lab ID: 211929-4 Client ID: 105FWS2 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63562		09/17/2002	2030	
3050B	Acid Digestion: Solids (ICAP)	1	63171		09/19/2002	0835	
8330	Explosives by 8330 (HPLC)	1	63872	63562	09/24/2002	2032	2.00000
3550B	Extraction Ultrasonic (PCBs)	1	62521		09/12/2002	1500	
6010B	Metals Analysis (ICAP Trace)	1	63524	63171	09/21/2002	0415	
6010B	Metals Analysis (ICAP Trace)	1	63632	63171	09/23/2002	2221	20
8082	PCB Analysis	1	63674	62521	09/19/2002	1911	1.00000

Lab ID: 211929-5 Client ID: 105WS1 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63562		09/17/2002	2030	
3050B	Acid Digestion: Solids (ICAP)	1	63171		09/19/2002	0835	
8330	Explosives by 8330 (HPLC)	1	63872	63562	09/24/2002	2137	2.00000
3550B	Extraction Ultrasonic (PCBs)	1	62521		09/12/2002	1500	
6010B	Metals Analysis (ICAP Trace)	1	63524	63171	09/21/2002	0421	
6010B	Metals Analysis (ICAP Trace)	1	63632	63171	09/23/2002	2251	5
6010B	Metals Analysis (ICAP Trace)	1	63632	63171	09/23/2002	2257	20
8082	PCB Analysis	1	63674	62521	09/19/2002	1944	1.00000

Lab ID: 211929-6 Client ID: 105WS2 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63562		09/17/2002	2030	

LABORATORY CHRONICLE

Job Number: 211929 Date: 09/26/2002

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

Lab ID: 211929-6 Client ID: 105WS2 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
3050B	Acid Digestion: Solids (ICAP)	1	63171		09/19/2002	0835	
8330	Explosives by 8330 (HPLC)	1	63872	63562	09/24/2002	2315	2.00000
3550B	Extraction Ultrasonic (PCBs)	1	62521		09/12/2002	1500	
6010B	Metals Analysis (ICAP Trace)	1	63524	63171	09/21/2002	0427	
6010B	Metals Analysis (ICAP Trace)	1	63632	63171	09/23/2002	2303	5
6010B	Metals Analysis (ICAP Trace)	1	63632	63171	09/23/2002	2310	20
8082	PCB Analysis	1	63674	62521	09/19/2002	2017	5.00000

Lab ID: 211929-7 Client ID: 105WS3 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63562		09/17/2002	2030	
3050B	Acid Digestion: Solids (ICAP)	1	63171		09/19/2002	0835	
8330	Explosives by 8330 (HPLC)	1	63872	63562	09/25/2002	0020	2.00000
3550B	Extraction Ultrasonic (PCBs)	1	62521		09/12/2002	1500	
6010B	Metals Analysis (ICAP Trace)	1	63524	63171	09/21/2002	0433	
6010B	Metals Analysis (ICAP Trace)	1	63632	63171	09/23/2002	2316	5
6010B	Metals Analysis (ICAP Trace)	1	63632	63171	09/23/2002	2322	20
8082	PCB Analysis	1	63674	62521	09/19/2002	2049	10.0000

Lab ID: 211929-8 Client ID: 105WS4 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63562		09/17/2002	2030	
3050B	Acid Digestion: Solids (ICAP)	1	63171		09/19/2002	0835	
8330	Explosives by 8330 (HPLC)	1	63872	63562	09/25/2002	1551	2.00000
3550B	Extraction Ultrasonic (PCBs)	1	62521		09/12/2002	1500	
6010B	Metals Analysis (ICAP Trace)	1	63524	63171	09/21/2002	0440	
6010B	Metals Analysis (ICAP Trace)	1	63632	63171	09/23/2002	2328	5
8082	PCB Analysis	1	63674	62521	09/19/2002	2155	1.00000

Lab ID: 211929-9 Client ID: 105WS5 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63562		09/17/2002	2030	
3050B	Acid Digestion: Solids (ICAP)	1	63171		09/19/2002	0835	
8330	Explosives by 8330 (HPLC)	1	63872	63562	09/25/2002	0230	2.00000
3550B	Extraction Ultrasonic (PCBs)	1	62521		09/12/2002	1500	
6010B	Metals Analysis (ICAP Trace)	1	63524	63171	09/21/2002	0446	
6010B	Metals Analysis (ICAP Trace)	1	63632	63171	09/23/2002	2335	5
8082	PCB Analysis	1	63674	62521	09/19/2002	2227	5.00000

Lab ID: 211929-10 Client ID: 105WS6 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63562		09/17/2002	2030	
3050B	Acid Digestion: Solids (ICAP)	1	63171		09/19/2002	0835	
8330	Explosives by 8330 (HPLC)	1	63872	63562	09/25/2002	0335	2.00000
3550B	Extraction Ultrasonic (PCBs)	1	62521		09/12/2002	1500	
6010B	Metals Analysis (ICAP Trace)	1	63524	63171	09/21/2002	0452	
6010B	Metals Analysis (ICAP Trace)	1	63632	63171	09/23/2002	2341	5
8082	PCB Analysis	1	63674	62521	09/19/2002	2300	1.00000

Lab ID: 211929-11 Client ID: 105WS7 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63562		09/17/2002	2030	
3050B	Acid Digestion: Solids (ICAP)	1	63171		09/19/2002	0835	
8330	Explosives by 8330 (HPLC)	1	63872	63562	09/25/2002	0512	2.00000
3550B	Extraction Ultrasonic (PCBs)	1	62521		09/12/2002	1500	

LABORATORY CHRONICLE

Job Number: 211929 Date: 09/26/2002

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

Lab ID: 211929-11 Client ID: 105WS7 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
6010B	Metals Analysis (ICAP Trace)	1	63524	63171	09/21/2002	0458	
6010B	Metals Analysis (ICAP Trace)	1	63632	63171	09/23/2002	2347	20
8082	PCB Analysis	1	63674	62521	09/19/2002	2332	1.00000

Lab ID: 211929-12 Client ID: 105WS8 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63562		09/17/2002	2030	
3050B	Acid Digestion: Solids (ICAP)	1	63171		09/19/2002	0835	
8330	Explosives by 8330 (HPLC)	1	63872	63562	09/25/2002	2044	2.00000
3550B	Extraction Ultrasonic (PCBs)	1	62521		09/12/2002	1500	
6010B	Metals Analysis (ICAP Trace)	1	63524	63171	09/21/2002	0559	
6010B	Metals Analysis (ICAP Trace)	1	63632	63171	09/24/2002	0057	
8082	PCB Analysis	1	63674	62521	09/20/2002	0005	1.00000

Lab ID: 211929-13 Client ID: 105WS9 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63562		09/17/2002	2030	
3050B	Acid Digestion: Solids (ICAP)	1	63171		09/19/2002	0835	
8330	Explosives by 8330 (HPLC)	1	63872	63562	09/25/2002	0723	2.00000
3550B	Extraction Ultrasonic (PCBs)	1	62521		09/12/2002	1500	
6010B	Metals Analysis (ICAP Trace)	1	63524	63171	09/21/2002	0606	
6010B	Metals Analysis (ICAP Trace)	1	63632	63171	09/24/2002	0103	5
8082	PCB Analysis	1	63674	62521	09/20/2002	0038	1.00000

Lab ID: 211929-14 Client ID: 105WS10 Date Recvd: 09/11/2002 Sample Date: 09/10/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63562		09/17/2002	2030	
3050B	Acid Digestion: Solids (ICAP)	1	63171		09/19/2002	0835	
8330	Explosives by 8330 (HPLC)	1	63872	63562	09/25/2002	0828	2.00000
3550B	Extraction Ultrasonic (PCBs)	1	62521		09/12/2002	1500	
6010B	Metals Analysis (ICAP Trace)	1	63524	63171	09/21/2002	0612	
6010B	Metals Analysis (ICAP Trace)	1	63632	63171	09/24/2002	0109	5
8082	PCB Analysis	1	63674	62521	09/21/2002	0154	5.00000

SEVERN TRENT SERVICES

STL Chicago

SURROGATE RECOVERIES REPORT

Job Number.: 211929 Report Date.: 09/26/2002

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

Method.....: PCB Analysis Method Code...: 8082 Prep Batch....: 62521
Batch(s).....: 63674 Test Matrix...: Wipe Equipment Code: INST0708

Lab ID	DT	Sample ID	Date	DCB	TCX
LCD			09/19/2002	76	72
LCS			09/19/2002	82	75
MB			09/19/2002	77	74
211929- 1		Bldg105EWS1	09/19/2002	70	82
211929- 2		105EWS2	09/19/2002	78	85
211929- 3		105FWS1	09/19/2002	78	83
211929- 4		105FWS2	09/19/2002	80	81
211929- 5		105WS1	09/19/2002	77	83
211929- 6		105WS2	09/19/2002	97	91
211929- 7		105WS3	09/19/2002	100	87
211929- 8		105WS4	09/19/2002	49	83
211929- 9		105WS5	09/19/2002	102	84
211929- 10		105WS6	09/19/2002	78	79
211929- 11		105WS7	09/19/2002	79	76
211929- 12		105WS8	09/20/2002	75	78
211929- 13		105WS9	09/20/2002	79	83
211929- 14		105WS10	09/21/2002	106	94

Test	Test Description	Limits
DCB	Decachlorobiphenyl (surr)	24 - 154
TCX	Tetrachloro-m-xylene (surr)	25 - 138

SEVERN TRENT SERVICES

STL Chicago

SURROGATE RECOVERIES REPORT

Job Number.: 211929 Report Date.: 09/26/2002

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

Method.....: Explosives by 8330 (HPLC) Method Code...: 8330 Prep Batch....: 63562
Batch(s).....: 63872 Test Matrix...: Wipe Equipment Code: INST3536

Lab ID	DT	Sample ID	Date	12DNBZ
LCD			09/24/2002	74
LCS			09/24/2002	78
MB			09/23/2002	99
211929- 1		Bldg105EWS1	09/24/2002	83
211929- 2		105EWS2	09/24/2002	83
211929- 3		105FWS1	09/24/2002	82
211929- 4		105FWS2	09/24/2002	80
211929- 5		105WS1	09/24/2002	94
211929- 6		105WS2	09/24/2002	88
211929- 7		105WS3	09/25/2002	93
211929- 8		105WS4	09/25/2002	86
211929- 9		105WS5	09/25/2002	71
211929- 10		105WS6	09/25/2002	95
211929- 11		105WS7	09/25/2002	135
211929- 12		105WS8	09/25/2002	87
211929- 13		105WS9	09/25/2002	74
211929- 14		105WS10	09/25/2002	85

Test	Test Description	Limits
12DNBZ	1,2-Dinitrobenzene (surr)	60 - 140

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211929 Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCD	Laboratory Control Sample Duplicate	002IWLPCBA	62521 -003		09/19/2002	1639

Test Method.....: 8082 Equipment Code....: INST0708 Analyst...: mgk
Method Description.: PCB Analysis Batch.....: 63674

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Wipe	ug/Wipe	3.827200	3.900900	5.001000	0.500000 U	77	%	66-104	
						2	R	20	
Aroclor 1260, Wipe	ug/Wipe	3.760600	3.902700	5.010000	0.500000 U	75	%	68-108	
						4	R	20	

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

QUALITY CONTROL RESULTS

Job Number.: 211929

Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	002IWLPCBA	62521 -002		09/19/2002	1606

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

Equipment Code....: INST0708
Batch.....: 63674

Analyst...: mgk

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Wipe	ug/Wipe	3.900900		5.001000	0.500000 U	78	%	66-104	
Aroclor 1260, Wipe	ug/Wipe	3.902700		5.010000	0.500000 U	78	%	68-108	

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

QUALITY CONTROL RESULTS

Job Number.: 211929

Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		62521 -001		09/19/2002	1534

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

Equipment Code....: INST0708
Batch.....: 63674

Analyst...: mgk

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Wipe	ug/Wipe	0.500000 U							
Aroclor 1221, Wipe	ug/Wipe	0.500000 U							
Aroclor 1232, Wipe	ug/Wipe	0.500000 U							
Aroclor 1242, Wipe	ug/Wipe	0.500000 U							
Aroclor 1248, Wipe	ug/Wipe	0.500000 U							
Aroclor 1254, Wipe	ug/Wipe	0.500000 U							
Aroclor 1260, Wipe	ug/Wipe	0.500000 U							

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

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QUALITY CONTROL RESULTS

Job Number.: 211929

Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCD	Laboratory Control Sample Duplicate	002HPL833A	63562 -003		09/24/2002	0101

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

Equipment Code....: INST3536
Batch.....: 63872

Analyst...: san

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
HMX, Wipe	ug/Wipe	7.856000	8.473500	10.000000	2.500000 U	79	%	83-130	*
						8	R	20	
RDX, Wipe	ug/Wipe	8.155000	8.248000	10.000000	1.000000 U	82	%	83-117	*
						1	R	20	
1,3,5-Trinitrobenzene, Wipe	ug/Wipe	5.398000	7.382500	10.000000	1.000000 U	54	%	83-115	*
						31	R	20	*
1,3-Dinitrobenzene, Wipe	ug/Wipe	7.867000	8.257500	10.000000	1.000000 U	79	%	84-115	*
						5	R	20	
Nitrobenzene, Wipe	ug/Wipe	8.098500	8.438500	10.000000	1.000000 U	81	%	76-109	
						4	R	20	
2,4,6-TNT, Wipe	ug/Wipe	3.314500	1.000000 U	10.000000	1.000000 U	33	%	81-116	*
						200	R	20	*
Tetryl, Wipe	ug/Wipe	2.000000 U	2.000000 U	20.000000	2.000000 U	0	%	77-122	
						200	R	20	*
2,4-Dinitrotoluene, Wipe	ug/Wipe	7.313000	7.996000	10.000000	1.000000 U	73	%	79-126	*
						9	R	20	
2,6-Dinitrotoluene, Wipe	ug/Wipe	14.777500	16.178000	20.000000	2.000000 U	74	%	79-120	*
						9	R	20	
2-Amino-4,6-Dinitrotoluene, Wipe	ug/Wipe	15.164500	16.299500	20.000000	2.000000 U	76	%	84-114	*
						7	R	20	
4-Amino-2,6-Dinitrotoluene, Wipe	ug/Wipe	22.057500	25.334000	20.000000	2.000000 U	110	%	84-117	
						14	R	20	
2-Nitrotoluene, Wipe	ug/Wipe	15.114500	16.262500	20.000000	2.000000 U	76	%	74-111	
						7	R	20	
4-Nitrotoluene, Wipe	ug/Wipe	14.869000	15.950500	20.000000	5.000000 U	74	%	75-113	*
						7	R	20	
3-Nitrotoluene, Wipe	ug/Wipe	15.098500	16.365000	20.000000	2.000000 U	75	%	75-112	
						8	R	20	

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

QUALITY CONTROL RESULTS

Job Number.: 211929

Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	002HPL833A	63562 -002		09/24/2002	0029

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

Equipment Code....: INST3536
Batch.....: 63872

Analyst...: san

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
HMX, Wipe	ug/Wipe	8.473500		10.000000	2.500000 U	85	%	83-130	
RDX, Wipe	ug/Wipe	8.248000		10.000000	1.000000 U	82	%	83-117	*
1,3,5-Trinitrobenzene, Wipe	ug/Wipe	7.382500		10.000000	1.000000 U	74	%	83-115	*
1,3-Dinitrobenzene, Wipe	ug/Wipe	8.257500		10.000000	1.000000 U	83	%	84-115	*
Nitrobenzene, Wipe	ug/Wipe	8.438500		10.000000	1.000000 U	84	%	76-109	
2,4,6-TNT, Wipe	ug/Wipe	1.000000 U		10.000000	1.000000 U	0	%	81-116	
Tetryl, Wipe	ug/Wipe	2.000000 U		20.000000	2.000000 U	9	%	77-122	*
2,4-Dinitrotoluene, Wipe	ug/Wipe	7.996000		10.000000	1.000000 U	80	%	79-126	
2,6-Dinitrotoluene, Wipe	ug/Wipe	16.178000		20.000000	2.000000 U	81	%	79-120	
2-Amino-4,6-Dinitrotoluene, Wipe	ug/Wipe	16.299500		20.000000	2.000000 U	81	%	84-114	*
4-Amino-2,6-Dinitrotoluene, Wipe	ug/Wipe	25.334000		20.000000	2.000000 U	127	%	84-117	*
2-Nitrotoluene, Wipe	ug/Wipe	16.262500		20.000000	2.000000 U	81	%	74-111	
4-Nitrotoluene, Wipe	ug/Wipe	15.950500		20.000000	5.000000 U	80	%	75-113	
3-Nitrotoluene, Wipe	ug/Wipe	16.365000		20.000000	2.000000 U	82	%	75-112	

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

QUALITY CONTROL RESULTS

Job Number.: 211929

Report Date.: 09/26/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		63562 -001		09/23/2002	2356

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

Equipment Code....: INST3536
Batch.....: 63872

Analyst...: san

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
HMX, Wipe	ug/Wipe	2.500000 U							
RDX, Wipe	ug/Wipe	1.000000 U							
1,3,5-Trinitrobenzene, Wipe	ug/Wipe	1.000000 U							
1,3-Dinitrobenzene, Wipe	ug/Wipe	1.000000 U							
Nitrobenzene, Wipe	ug/Wipe	1.000000 U							
2,4,6-TNT, Wipe	ug/Wipe	1.000000 U							
Tetryl, Wipe	ug/Wipe	2.000000 U							
2,4-Dinitrotoluene, Wipe	ug/Wipe	1.000000 U							
2,6-Dinitrotoluene, Wipe	ug/Wipe	2.000000 U							
2-Amino-4,6-Dinitrotoluene, Wipe	ug/Wipe	2.000000 U							
4-Amino-2,6-Dinitrotoluene, Wipe	ug/Wipe	2.000000 U							
2-Nitrotoluene, Wipe	ug/Wipe	2.000000 U							
4-Nitrotoluene, Wipe	ug/Wipe	5.000000 U							
3-Nitrotoluene, Wipe	ug/Wipe	2.000000 U							

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

QUALITY CONTROL RESULTS

Job Number.: 211929 Report Date.: 09/26/2002

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.....: 63524

LCS	Laboratory Control Sample	M02ISPK004	63171 -002		09/21/2002 0325

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Wipe	mg/Wipe	0.18804		0.20000	0.02000 U	94	%	80-120	
Antimony, Wipe	mg/Wipe	0.04362		0.05000	0.00200 U	87	%	80-120	
Arsenic, Wipe	mg/Wipe	0.00899		0.01000	0.00100 U	90	%	80-120	
Barium, Wipe	mg/Wipe	0.17847		0.20000	0.00100 U	89	%	80-120	
Beryllium, Wipe	mg/Wipe	0.00430		0.00500	0.00040 U	86	%	80-120	
Cadmium, Wipe	mg/Wipe	0.00446		0.00500	0.00020 U	89	%	80-120	
Calcium, Wipe	mg/Wipe	0.91985		1.00000	0.01000 U	92	%	80-120	
Chromium, Wipe	mg/Wipe	0.01863		0.02000	0.00100 U	93	%	80-120	
Cobalt, Wipe	mg/Wipe	0.04521		0.05000	0.00050 U	90	%	80-120	
Copper, Wipe	mg/Wipe	0.02279		0.02500	0.00100 U	91	%	80-120	
Iron, Wipe	mg/Wipe	0.09246		0.10000	0.00500 U	92	%	80-120	
Lead, Wipe	mg/Wipe	0.01007		0.01000	0.00500 U	101	%	80-120	
Magnesium, Wipe	mg/Wipe	0.91008		1.00000	0.01000 U	91	%	80-120	
Manganese, Wipe	mg/Wipe	0.04608		0.05000	0.00100 U	92	%	80-120	
Nickel, Wipe	mg/Wipe	0.04550		0.05000	0.00100 U	91	%	80-120	
Potassium, Wipe	mg/Wipe	0.86588		1.00000	0.05000 U	87	%	80-120	
Selenium, Wipe	mg/Wipe	0.00901		0.01000	0.00050 U	90	%	80-120	
Silver, Wipe	mg/Wipe	0.00440		0.00500	0.00050 U	88	%	80-120	
Thallium, Wipe	mg/Wipe	0.00881		0.01000	0.00100 U	88	%	80-120	
Vanadium, Wipe	mg/Wipe	0.04576		0.05000	0.00050 U	92	%	80-120	
Zinc, Wipe	mg/Wipe	0.04605		0.05000	0.00276	92	%	80-120	

LCS	Laboratory Control Sample	M02ISPK004	63266 -002		09/21/2002 0636

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Wipe	mg/Wipe	0.17842		0.20000	0.02000 U	89	%	80-120	
Antimony, Wipe	mg/Wipe	0.04271		0.05000	0.00200 U	85	%	80-120	
Arsenic, Wipe	mg/Wipe	0.00869		0.01000	0.00100 U	87	%	80-120	
Barium, Wipe	mg/Wipe	0.17370		0.20000	0.00100 U	87	%	80-120	
Beryllium, Wipe	mg/Wipe	0.00425		0.00500	0.00040 U	85	%	80-120	
Cadmium, Wipe	mg/Wipe	0.00436		0.00500	0.00020 U	87	%	80-120	
Calcium, Wipe	mg/Wipe	0.89702		1.00000	0.01000 U	90	%	80-120	
Chromium, Wipe	mg/Wipe	0.01835		0.02000	0.00100 U	92	%	80-120	
Cobalt, Wipe	mg/Wipe	0.04443		0.05000	0.00050 U	89	%	80-120	
Copper, Wipe	mg/Wipe	0.02284		0.02500	0.00100 U	91	%	80-120	
Iron, Wipe	mg/Wipe	0.08324		0.10000	0.00500 U	83	%	80-120	
Lead, Wipe	mg/Wipe	0.00944		0.01000	0.00500 U	94	%	80-120	
Magnesium, Wipe	mg/Wipe	0.88299		1.00000	0.01000 U	88	%	80-120	
Manganese, Wipe	mg/Wipe	0.04518		0.05000	0.00100 U	90	%	80-120	
Nickel, Wipe	mg/Wipe	0.04479		0.05000	0.00100 U	90	%	80-120	
Selenium, Wipe	mg/Wipe	0.00862		0.01000	0.00050 U	86	%	80-120	
Silver, Wipe	mg/Wipe	0.00430		0.00500	0.00050 U	86	%	80-120	
Thallium, Wipe	mg/Wipe	0.00851		0.01000	0.00100 U	85	%	80-120	
Vanadium, Wipe	mg/Wipe	0.04507		0.05000	0.00050 U	90	%	80-120	
Zinc, Wipe	mg/Wipe	0.04208		0.05000	0.00200 U	84	%	80-120	

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

QUALITY CONTROL RESULTS

Job Number.: 211929 Report Date.: 09/26/2002

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.....: 63524

MB	Method Blank	63171	63171 -001		09/21/2002	0318

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Wipe	mg/Wipe	0.02000 U							
Antimony, Wipe	mg/Wipe	0.00200 U							
Arsenic, Wipe	mg/Wipe	0.00100 U							
Barium, Wipe	mg/Wipe	0.00100 U							
Beryllium, Wipe	mg/Wipe	0.00040 U							
Cadmium, Wipe	mg/Wipe	0.00020 U							
Calcium, Wipe	mg/Wipe	0.01000 U							
Chromium, Wipe	mg/Wipe	0.00100 U							
Cobalt, Wipe	mg/Wipe	0.00050 U							
Copper, Wipe	mg/Wipe	0.00100 U							
Iron, Wipe	mg/Wipe	0.00500 U							
Lead, Wipe	mg/Wipe	0.00500 U							
Magnesium, Wipe	mg/Wipe	0.01000 U							
Manganese, Wipe	mg/Wipe	0.00100 U							
Nickel, Wipe	mg/Wipe	0.00100 U							
Potassium, Wipe	mg/Wipe	0.05000 U							
Selenium, Wipe	mg/Wipe	0.00050 U							
Silver, Wipe	mg/Wipe	0.00050 U							
Thallium, Wipe	mg/Wipe	0.00100 U							
Vanadium, Wipe	mg/Wipe	0.00050 U							
Zinc, Wipe	mg/Wipe	0.00276							H

MB	Method Blank	63266	63266 -001		09/21/2002	0629

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Wipe	mg/Wipe	0.02000 U							
Antimony, Wipe	mg/Wipe	0.00200 U							
Arsenic, Wipe	mg/Wipe	0.00100 U							
Barium, Wipe	mg/Wipe	0.00100 U							
Beryllium, Wipe	mg/Wipe	0.00040 U							
Cadmium, Wipe	mg/Wipe	0.00020 U							
Calcium, Wipe	mg/Wipe	0.01000 U							
Chromium, Wipe	mg/Wipe	0.00100 U							
Cobalt, Wipe	mg/Wipe	0.00050 U							
Copper, Wipe	mg/Wipe	0.00100 U							
Iron, Wipe	mg/Wipe	0.00500 U							
Lead, Wipe	mg/Wipe	0.00500 U							
Magnesium, Wipe	mg/Wipe	0.01000 U							
Manganese, Wipe	mg/Wipe	0.00100 U							
Nickel, Wipe	mg/Wipe	0.00100 U							
Selenium, Wipe	mg/Wipe	0.00050 U							
Silver, Wipe	mg/Wipe	0.00050 U							
Thallium, Wipe	mg/Wipe	0.00100 U							
Vanadium, Wipe	mg/Wipe	0.00050 U							
Zinc, Wipe	mg/Wipe	0.00200 U							

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

QUALITY CONTROL RESULTS

Job Number.: 211929 Report Date.: 09/26/2002

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.....: 63524

SD	Serial Dilution		211929-1		09/21/2002	0337

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Wipe	mg/Wipe	1.44652			6.82623	6.0	D	10.0	
Antimony, Wipe	mg/Wipe	0.00209			0.00983				
Arsenic, Wipe	mg/Wipe	0.00443			0.02187				
Barium, Wipe	mg/Wipe	0.32576			1.63305	0.3	D	10.0	
Beryllium, Wipe	mg/Wipe	0.00040 U			0.00040 U				
Cadmium, Wipe	mg/Wipe	0.00474			0.02276	4.1	D	10.0	
Calcium, Wipe	mg/Wipe	19.32851			95.77196	0.9	D	10.0	
Chromium, Wipe	mg/Wipe	0.02712			0.12940	4.8	D	10.0	
Cobalt, Wipe	mg/Wipe	0.02475			0.11690	5.8	D	10.0	
Copper, Wipe	mg/Wipe	0.18231			0.95595	4.6	D	10.0	
Lead, Wipe	mg/Wipe	1.82391			8.40534	8.5	D	10.0	
Magnesium, Wipe	mg/Wipe	2.46903			11.53239	7.0	D	10.0	
Nickel, Wipe	mg/Wipe	0.01508			0.07070	6.7	D	10.0	
Potassium, Wipe	mg/Wipe	0.70038			3.96427	11.7	D	10.0	E
Selenium, Wipe	mg/Wipe	0.00105			0.00324				
Silver, Wipe	mg/Wipe	0.00239			0.01263				
Thallium, Wipe	mg/Wipe	0.00100 U			0.00160				
Vanadium, Wipe	mg/Wipe	0.00466			0.02334				

QUALITY CONTROL RESULTS

Job Number.: 211929 Report Date.: 09/26/2002

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.....: 63632

LCS	Laboratory Control Sample	M02ISPK004	63171 -002		09/23/2002 2131

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Cadmium, Wipe	mg/Wipe	0.00457		0.00500	0.00020 U	91	%	80-120	
Calcium, Wipe	mg/Wipe	0.94866		1.00000	0.01264	95	%	80-120	
Copper, Wipe	mg/Wipe	0.02376		0.02500	0.00100 U	95	%	80-120	
Iron, Wipe	mg/Wipe	0.09768		0.10000	0.00500 U	98	%	80-120	
Manganese, Wipe	mg/Wipe	0.04815		0.05000	0.00100 U	96	%	80-120	
Selenium, Wipe	mg/Wipe	0.00865		0.01000	0.00050 U	86	%	80-120	
Sodium, Wipe	mg/Wipe	0.87481		1.00000	0.10000 U	87	%	80-120	
Zinc, Wipe	mg/Wipe	0.04836		0.05000	0.00302	97	%	80-120	

LCS	Laboratory Control Sample	M02ISPK004	63266 -002		09/24/2002 0131

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Sodium, Wipe	mg/Wipe	0.86841		1.00000	0.10000 U	87	%	80-120	

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

QUALITY CONTROL RESULTS

Job Number.: 211929 Report Date.: 09/26/2002

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.....: 63632

MB	Method Blank	63171	63171 -001		09/23/2002	2125

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Cadmium, Wipe	mg/Wipe	0.00020 U							
Calcium, Wipe	mg/Wipe	0.01264							H
Copper, Wipe	mg/Wipe	0.00100 U							
Iron, Wipe	mg/Wipe	0.00500 U							
Manganese, Wipe	mg/Wipe	0.00100 U							
Selenium, Wipe	mg/Wipe	0.00050 U							
Sodium, Wipe	mg/Wipe	0.10000 U							
Zinc, Wipe	mg/Wipe	0.00302							H

MB	Method Blank	63266	63266 -001		09/24/2002	0125

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Sodium, Wipe	mg/Wipe	0.10000 U							

QUALITY CONTROL RESULTS

Job Number.: 211929 Report Date.: 09/26/2002

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.....: 63632

SD	Serial Dilution		211929-1	5	09/23/2002	2150

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Iron, Wipe	mg/Wipe	32.49867			149.15451	8.9	D	10.0	
Manganese, Wipe	mg/Wipe	0.25666			1.17478	9.2	D	10.0	
Sodium, Wipe	mg/Wipe	0.50000 U			2.56642				

SD	Serial Dilution		211929-1	25	09/23/2002	2156

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Zinc, Wipe	mg/Wipe	5.23432			20.70064	26.4	D	10.0	E

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

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 09/26/2002

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) Arizona Environmental Laboratory License number AZ0603.
6) According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH Field) they were not analyzed immediately, but as soon as possible on laboratory receipt.

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

Inorganic Qualifiers (Q-Column)

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

Inorganic Flags (Flag Column)

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

Organic Qualifiers (Q - Column)

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

Organic Flags (Flags Column)

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

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 09/26/2002

P The lower of the two values is reported when the % difference between the results of two GC columns is greater than 25%.

Abbreviations

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

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 09/26/2002

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

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

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

SEVERN TRENT SERVICES

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

Report To: Brewer
Contact: Dave Hemplemann
Company: SCS
Address: 10401 Holmes Rd #400
Kansas City MO 64131
Phone: 816 941 7510
Fax: 816 941 8025
E-Mail: DBrewer@SCSengineers.com

Bill To:
Contact: Sandy Weeks
Company: SCS
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only 1 of 2

Lab Lot# 211929

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

Sampler Name: Brett Engard
Project Name: GSA SLOP
Project Location:
Lab PM:
[redacted] (9) (a)
022070000.11
Date Required
Hard Copy: ___/___/___
Fax: ___/___/___

Refrg #														
# / Cont.	3													
Volume														
Preserv	HNO3	Hexane	Acetonitrile											

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	Metals	PCB	Explosives	Additional Analyses / Remarks
1		Bldg 105E WS 1	9.10.02	3:00	WI					
2		105E WS2		3:30						
3		105F WS1		4:00						
4		105F WS2		4:30						
5		105 WS1		5:00						
6		105 WS2		5:30						
7		105 WS3		6:00						
8		105WS4		6:05						
9		105 WS5		6:15						
10		105 WS6		6:30						
11		105 WS7		6:45						
12		105 WS8		7:00						

RELINQUISHED BY	[redacted] (9) (a)	COMPANY SCS	DATE 9.10.02	TIME 8:00	RECEIVED BY	[redacted] (9) (a)	COMPANY STL	DATE 9/11/02	TIME 0845
RELINQUISHED BY		COMPANY	DATE	TIME	RECEIVED BY		COMPANY	DATE	TIME

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

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

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

COMMENTS

Date Received 9 / 11 / 02
Courier: FX **Hand Delivered** ☐
Bill of Lading See attach

SEVERN TRENT SERVICES

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

Report To: Brewer
Contact: Dave Hempleman
Company: SCS
Address: 10401 Holmes Rd #400
Kansas City, MO 64131
Phone: 816 941 7510
Fax: 816 941 8025
E-Mail: DBrewer@SCSEngineers.com

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

Shaded Areas For Internal Use Only 1 of 2

Lab Lot# 211929

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

Sampler Name: Brett Engard
Project Name: GSA SLOP
Project Location:
Lab PM:
Project Number: 022070000.11
Date Required
Hard Copy: ____/____/____
Fax: ____/____/____

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	Refrg #	# / Cont.	Volume	Preserv	Metals	PCB	Explosives	Additional Analyses / Remarks
								3		HNO3 Hexane acetonitrile				
13		105WS9	9.10.02	7:15	WI						1	1	1	
14		105WS10	1	7:30	WI									

RELINQUISHED BY [redacted] COMPANY SCS DATE 9.10.02 TIME 8:00
RELINQUISHED BY COMPANY DATE TIME

RECEIVED BY [redacted] COMPANY STL DATE 9/11/02 TIME 0845
RECEIVED BY COMPANY DATE TIME

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

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

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

COMMENTS

Date Received 9 / 11 / 02
Courier: FX Hand Delivered ☐
Bill of Lading see attach

SEVERN TRENT SERVICES

STL Chicago

SEVERN TRENT LABORATORIES
ANALYTICAL REPORT

JOB NUMBER: 211976

Prepared For:

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

Project: GSA - SLOP - Investigation

Attention: David Brewer

Date: 09/27/2002

(b) (6)

Signature

Name: Richard C. Wright

Title: Project Manager

E-Mail: rwright@stl-inc.com

9/27/02

Date

STL Chicago
2417 Bond Street
University Park, IL 60466

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

STL Chicago is part of Severn Trent Laboratories, Inc.

STL Chicago is a part of Severn Trent Laboratories, Inc.

Severn Trent Laboratories - Chicago
METALS CASE NARRATIVE

Client: SCS Engineers, Inc
Project: GSA - SLOP
STL Job#: 211976

Date Recd: 09/12/02

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

   Method Refs: USEPA, SW 846

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

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

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

5. All Preparation/Method Blanks were below the Reporting Limit.

6. Laboratory Control Sample recoveries were within the 80-120% control limits.

7. Matrix QC was not requested.

(b) (6)

Mani S. Iyer
Metals Section Manager

9/25/02
Date

STL Chicago
PCB Case Narrative

SCS Engineers, Inc.
GSA – SLOP - Investigation
Job #: 211976-1 through 11
PCBs

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

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

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

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

4. The method blank was below the reporting limits for all Aroclors.

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

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

7. The blank spike and blank spike duplicate recoveries and RPDs were within statistical control limits.

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

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

10. All positive hits were confirmed using a second column. Results from the primary column (Rtx-5) only have been reported.

(b) (6)

Patti Gibson
Organics Section Manager

9/25/02
Date

STL Chicago
Explosives Case Narrative

SCS Engineers, Inc.
GSA – SLOP - Investigation
Job #: 211976-1 through 11
Explosives

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

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

2. These wipe samples were extracted based on a modified SW846 method 8330 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 with the exception of sample 211976-6 (105CCSWS1), which had a recovery of 158%.

6. The blank spike had 1,3, 5-Trinitrobenzene with 53% recovery, 2, 4, 6-TNT with 44%, Tetryl with 0% recovery, and 4-Amino-2,6-Dinitrotoluene with 157%. The blank spike duplicate recoveries had 2,4,6-TNT with 63% recovery, Tetryl with 0% recovery, and 4-Amino-2,6-Dinitrotoluene with 168% recovery. All other blank spike and blank spike recoveries were within statistical control limits. All RPDs were <20%, except Tetryl (200%), 2,4,6-TNT (37%) and 1,3,5-Trinitrobenzene (52%). There was insufficient sample volume to re-extract.

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

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

9. All initial and continuing standard calibrations associated with these samples were in control on the confirmation column (CN).

10. Target compounds were not detected in the primary analysis.

11. All samples were analyzed at a 1/2 dilution due to matrix interference. Reporting limits were adjusted to reflect these necessary dilutions.

(b) (6)

Patti Gibson
Organics Section Manager

9/27/02
Date

SEVERN TRENT SERVICES

STL Chicago

SAMPLE INFORMATION
Date: 09/27/2002

Job Number.: 211976
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
211976-1	105ECSWS1	Wipe	09/11/2002	10:45	09/12/2002	09:10
211976-2	105ECSWS2	Wipe	09/11/2002	10:50	09/12/2002	09:10
211976-3	105FCSWS1	Wipe	09/11/2002	11:15	09/12/2002	09:10
211976-4	105FCSWS2	Wipe	09/11/2002	11:30	09/12/2002	09:10
211976-5	105EFTUNNELWS1	Wipe	09/11/2002	11:45	09/12/2002	09:10
211976-6	105CCSWS1	Wipe	09/11/2002	13:45	09/12/2002	09:10
211976-7	105CCSWS2	Wipe	09/11/2002	13:55	09/12/2002	09:10
211976-8	105BCSWS1	Wipe	09/11/2002	14:15	09/12/2002	09:10
211976-9	105BCSWS2	Wipe	09/11/2002	14:30	09/12/2002	09:10
211976-10	105DCSWS1	Wipe	09/11/2002	17:00	09/12/2002	09:10
211976-11	105DCSWS2	Wipe	09/11/2002	17:10	09/12/2002	09:10

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211976

Date:09/27/2002

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

Customer Sample ID: 105ECSWS1
Date Sampled.....: 09/11/2002
Time Sampled.....: 10:45
Sample Matrix.....: Wipe

Laboratory Sample ID: 211976-1
Date Received.....: 09/12/2002
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1141	mgk
	Aroclor 1221, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1141	mgk
	Aroclor 1232, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1141	mgk
	Aroclor 1242, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1141	mgk
	Aroclor 1248, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1141	mgk
	Aroclor 1254, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1141	mgk
	Aroclor 1260, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1141	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U		5.0	5.0	2.00000	ug/Wipe	64020		09/26/02 1200	san
	RDX, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1200	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1200	san
	1,3-Dinitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1200	san
	Nitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1200	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1200	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1200	san
	2,4-Dinitrotoluene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1200	san
	2,6-Dinitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1200	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1200	san
	4-Amino-2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1200	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1200	san
	4-Nitrotoluene, Wipe	ND	U		10	10	2.00000	ug/Wipe	64020		09/26/02 1200	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1200	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	1.2			0.020	0.020	1	mg/Wipe	63524		09/21/02 0642	tds
	Antimony, Wipe	ND	U		0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0642	tds
	Arsenic, Wipe	0.0017			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0642	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211976

Date:09/27/2002

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

Customer Sample ID: 105ECSWS1
Date Sampled.....: 09/11/2002
Time Sampled.....: 10:45
Sample Matrix.....: Wipe

Laboratory Sample ID: 211976-1
Date Received.....: 09/12/2002
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	0.035			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0642	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0642	tds
	Cadmium, Wipe	0.0004			0.0002	0.0002	1	mg/Wipe	63524		09/21/02 0642	tds
	Calcium, Wipe	27			0.010	0.010	1	mg/Wipe	63524		09/21/02 0642	tds
	Chromium, Wipe	0.047			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0642	tds
	Cobalt, Wipe	0.0007			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0642	tds
	Copper, Wipe	0.019			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0642	tds
	Iron, Wipe	5.1			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0642	tds
	Lead, Wipe	0.21			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0642	tds
	Magnesium, Wipe	0.55			0.010	0.010	1	mg/Wipe	63524		09/21/02 0642	tds
	Manganese, Wipe	0.072			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0642	tds
	Nickel, Wipe	0.0031			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0642	tds
	Potassium, Wipe	1.1			0.050	0.050	1	mg/Wipe	63632		09/24/02 0137	tds
	Selenium, Wipe	0.0012			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0642	tds
	Silver, Wipe	0.0018			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0642	tds
	Sodium, Wipe	1.5			0.10	0.10	1	mg/Wipe	63632		09/24/02 0137	tds
	Thallium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0642	tds
	Vanadium, Wipe	0.0070			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0642	tds
	Zinc, Wipe	0.069			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0642	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211976

Date:09/27/2002

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

Customer Sample ID: 105ECSWS2
Date Sampled.....: 09/11/2002
Time Sampled.....: 10:50
Sample Matrix.....: Wipe

Laboratory Sample ID: 211976-2
Date Received.....: 09/12/2002
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1214	mgk
	Aroclor 1221, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1214	mgk
	Aroclor 1232, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1214	mgk
	Aroclor 1242, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1214	mgk
	Aroclor 1248, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1214	mgk
	Aroclor 1254, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1214	mgk
	Aroclor 1260, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1214	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U		5.0	5.0	2.00000	ug/Wipe	64020		09/26/02 1305	san
	RDX, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1305	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1305	san
	1,3-Dinitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1305	san
	Nitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1305	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1305	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1305	san
	2,4-Dinitrotoluene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1305	san
	2,6-Dinitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1305	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1305	san
	4-Amino-2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1305	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1305	san
	4-Nitrotoluene, Wipe	ND	U		10	10	2.00000	ug/Wipe	64020		09/26/02 1305	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1305	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	0.68			0.020	0.020	1	mg/Wipe	63524		09/21/02 0654	tds
	Antimony, Wipe	ND	U		0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0654	tds
	Arsenic, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0654	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211976

Date:09/27/2002

CUSTOMER: SCS Engineers, Inc,

PROJECT: GSA - SLOP

ATTN: David Brewer

Customer Sample ID: 105ECSWS2
Date Sampled.....: 09/11/2002
Time Sampled.....: 10:50
Sample Matrix.....: Wipe

Laboratory Sample ID: 211976-2
Date Received.....: 09/12/2002
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	0.0076			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0654	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0654	tds
	Cadmium, Wipe	ND	U		0.0002	0.0002	1	mg/Wipe	63524		09/21/02 0654	tds
	Calcium, Wipe	17			0.010	0.010	1	mg/Wipe	63524		09/21/02 0654	tds
	Chromium, Wipe	0.0031			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0654	tds
	Cobalt, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0654	tds
	Copper, Wipe	0.0054			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0654	tds
	Iron, Wipe	0.98			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0654	tds
	Lead, Wipe	0.025			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0654	tds
	Magnesium, Wipe	0.55			0.010	0.010	1	mg/Wipe	63524		09/21/02 0654	tds
	Manganese, Wipe	0.031			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0654	tds
	Nickel, Wipe	0.0012			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0654	tds
	Potassium, Wipe	1.7			0.050	0.050	1	mg/Wipe	63632		09/24/02 0150	tds
	Selenium, Wipe	0.001			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0654	tds
	Silver, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0654	tds
	Sodium, Wipe	1.9			0.10	0.10	1	mg/Wipe	63632		09/24/02 0150	tds
	Thallium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0654	tds
	Vanadium, Wipe	0.0019			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0654	tds
	Zinc, Wipe	0.057			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0654	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211976

Date:09/27/2002

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

Customer Sample ID: 105FCSWS1
Date Sampled.....: 09/11/2002
Time Sampled.....: 11:15
Sample Matrix.....: Wipe

Laboratory Sample ID: 211976-3
Date Received.....: 09/12/2002
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1247	mgk
	Aroclor 1221, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1247	mgk
	Aroclor 1232, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1247	mgk
	Aroclor 1242, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1247	mgk
	Aroclor 1248, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1247	mgk
	Aroclor 1254, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1247	mgk
	Aroclor 1260, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1247	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U		5.0	5.0	2.00000	ug/Wipe	64020		09/26/02 1410	san
	RDX, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1410	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1410	san
	1,3-Dinitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1410	san
	Nitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1410	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1410	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1410	san
	2,4-Dinitrotoluene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1410	san
	2,6-Dinitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1410	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1410	san
	4-Amino-2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1410	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1410	san
	4-Nitrotoluene, Wipe	ND	U		10	10	2.00000	ug/Wipe	64020		09/26/02 1410	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1410	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	0.55			0.020	0.020	1	mg/Wipe	63524		09/21/02 0700	tds
	Antimony, Wipe	ND	U		0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0700	tds
	Arsenic, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0700	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211976

Date:09/27/2002

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

Customer Sample ID: 105FCSWS1
Date Sampled.....: 09/11/2002
Time Sampled.....: 11:15
Sample Matrix.....: Wipe

Laboratory Sample ID: 211976-3
Date Received.....: 09/12/2002
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	0.014			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0700	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0700	tds
	Cadmium, Wipe	0.0002			0.0002	0.0002	1	mg/Wipe	63524		09/21/02 0700	tds
	Calcium, Wipe	130		H	0.050	0.050	5	mg/Wipe	63632		09/24/02 0202	tds
	Chromium, Wipe	0.0064			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0700	tds
	Cobalt, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0700	tds
	Copper, Wipe	0.0021			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0700	tds
	Iron, Wipe	0.78			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0700	tds
	Lead, Wipe	0.011			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0700	tds
	Magnesium, Wipe	0.88			0.010	0.010	1	mg/Wipe	63524		09/21/02 0700	tds
	Manganese, Wipe	0.020			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0700	tds
	Nickel, Wipe	0.0015			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0700	tds
	Potassium, Wipe	1.7			0.050	0.050	1	mg/Wipe	63632		09/24/02 0156	tds
	Selenium, Wipe	0.0012			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0700	tds
	Silver, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0700	tds
	Sodium, Wipe	2.8			0.10	0.10	1	mg/Wipe	63632		09/24/02 0156	tds
	Thallium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0700	tds
	Vanadium, Wipe	0.0014			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0700	tds
	Zinc, Wipe	0.071			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0700	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211976

Date:09/27/2002

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

Customer Sample ID: 105FCSWS2
Date Sampled.....: 09/11/2002
Time Sampled.....: 11:30
Sample Matrix.....: Wipe

Laboratory Sample ID: 211976-4
Date Received.....: 09/12/2002
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1319	mgk
	Aroclor 1221, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1319	mgk
	Aroclor 1232, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1319	mgk
	Aroclor 1242, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1319	mgk
	Aroclor 1248, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1319	mgk
	Aroclor 1254, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1319	mgk
	Aroclor 1260, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1319	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U		5.0	5.0	2.00000	ug/Wipe	64020		09/26/02 1548	san
	RDX, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1548	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1548	san
	1,3-Dinitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1548	san
	Nitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1548	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1548	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1548	san
	2,4-Dinitrotoluene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1548	san
	2,6-Dinitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1548	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1548	san
	4-Amino-2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1548	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1548	san
	4-Nitrotoluene, Wipe	ND	U		10	10	2.00000	ug/Wipe	64020		09/26/02 1548	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1548	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	0.43			0.020	0.020	1	mg/Wipe	63524		09/21/02 0707	tds
	Antimony, Wipe	ND	U		0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0707	tds
	Arsenic, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0707	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211976

Date:09/27/2002

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

Customer Sample ID: 105FCSWS2
Date Sampled.....: 09/11/2002
Time Sampled.....: 11:30
Sample Matrix.....: Wipe

Laboratory Sample ID: 211976-4
Date Received.....: 09/12/2002
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	0.0079			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0707	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0707	tds
	Cadmium, Wipe	ND	U		0.0002	0.0002	1	mg/Wipe	63524		09/21/02 0707	tds
	Calcium, Wipe	16			0.010	0.010	1	mg/Wipe	63524		09/21/02 0707	tds
	Chromium, Wipe	0.0022			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0707	tds
	Cobalt, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0707	tds
	Copper, Wipe	0.0020			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0707	tds
	Iron, Wipe	0.63			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0707	tds
	Lead, Wipe	0.0053			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0707	tds
	Magnesium, Wipe	0.41			0.010	0.010	1	mg/Wipe	63524		09/21/02 0707	tds
	Manganese, Wipe	0.012			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0707	tds
	Nickel, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0707	tds
	Potassium, Wipe	1.4			0.050	0.050	1	mg/Wipe	63632		09/24/02 0230	tds
	Selenium, Wipe	0.0009			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0707	tds
	Silver, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0707	tds
	Sodium, Wipe	1.8			0.10	0.10	1	mg/Wipe	63632		09/24/02 0230	tds
	Thallium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0707	tds
	Vanadium, Wipe	0.0005			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0707	tds
	Zinc, Wipe	0.076			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0707	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211976

Date:09/27/2002

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

Customer Sample ID: 105EFTUNNELWS1
Date Sampled.....: 09/11/2002
Time Sampled.....: 11:45
Sample Matrix.....: Wipe

Laboratory Sample ID: 211976-5
Date Received.....: 09/12/2002
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1352	mgk
	Aroclor 1221, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1352	mgk
	Aroclor 1232, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1352	mgk
	Aroclor 1242, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1352	mgk
	Aroclor 1248, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1352	mgk
	Aroclor 1254, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1352	mgk
	Aroclor 1260, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1352	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U		5.0	5.0	2.0000	ug/Wipe	64020		09/26/02 1653	san
	RDX, Wipe	ND	U		2.0	2.0	2.0000	ug/Wipe	64020		09/26/02 1653	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.0000	ug/Wipe	64020		09/26/02 1653	san
	1,3-Dinitrobenzene, Wipe	ND	U		2.0	2.0	2.0000	ug/Wipe	64020		09/26/02 1653	san
	Nitrobenzene, Wipe	ND	U		2.0	2.0	2.0000	ug/Wipe	64020		09/26/02 1653	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.0000	ug/Wipe	64020		09/26/02 1653	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.0000	ug/Wipe	64020		09/26/02 1653	san
	2,4-Dinitrotoluene, Wipe	ND	U		2.0	2.0	2.0000	ug/Wipe	64020		09/26/02 1653	san
	2,6-Dinitrotoluene, Wipe	ND	U		4.0	4.0	2.0000	ug/Wipe	64020		09/26/02 1653	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U		4.0	4.0	2.0000	ug/Wipe	64020		09/26/02 1653	san
	4-Amino-2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.0000	ug/Wipe	64020		09/26/02 1653	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.0000	ug/Wipe	64020		09/26/02 1653	san
	4-Nitrotoluene, Wipe	ND	U		10	10	2.0000	ug/Wipe	64020		09/26/02 1653	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.0000	ug/Wipe	64020		09/26/02 1653	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	1.1			0.020	0.020	1	mg/Wipe	63524		09/21/02 0732	tds
	Antimony, Wipe	ND	U		0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0732	tds
	Arsenic, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0732	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211976

Date:09/27/2002

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

Customer Sample ID: 105EFTUNNELWS1
Date Sampled.....: 09/11/2002
Time Sampled.....: 11:45
Sample Matrix.....: Wipe

Laboratory Sample ID: 211976-5
Date Received.....: 09/12/2002
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	0.010			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0732	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0732	tds
	Cadmium, Wipe	0.0007			0.0002	0.0002	1	mg/Wipe	63524		09/21/02 0732	tds
	Calcium, Wipe	14			0.010	0.010	1	mg/Wipe	63524		09/21/02 0732	tds
	Chromium, Wipe	0.013			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0732	tds
	Cobalt, Wipe	0.0009			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0732	tds
	Copper, Wipe	0.014			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0732	tds
	Iron, Wipe	3.6			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0732	tds
	Lead, Wipe	0.097			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0732	tds
	Magnesium, Wipe	0.72			0.010	0.010	1	mg/Wipe	63524		09/21/02 0732	tds
	Manganese, Wipe	0.12			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0732	tds
	Nickel, Wipe	0.0022			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0732	tds
	Potassium, Wipe	0.35			0.050	0.050	1	mg/Wipe	63632		09/24/02 0236	tds
	Selenium, Wipe	0.0008			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0732	tds
	Silver, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0732	tds
	Sodium, Wipe	1.2			0.10	0.10	1	mg/Wipe	63632		09/24/02 0236	tds
	Thallium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0732	tds
	Vanadium, Wipe	0.0029			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0732	tds
	Zinc, Wipe	0.057			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0732	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211976

Date:09/27/2002

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

Customer Sample ID: 105CCSWS1
Date Sampled.....: 09/11/2002
Time Sampled.....: 13:45
Sample Matrix.....: Wipe

Laboratory Sample ID: 211976-6
Date Received.....: 09/12/2002
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		5.0	5.0	10.0000	ug/Wipe	63712		09/21/02 1424	mgk
	Aroclor 1221, Wipe	ND	U		5.0	5.0	10.0000	ug/Wipe	63712		09/21/02 1424	mgk
	Aroclor 1232, Wipe	ND	U		5.0	5.0	10.0000	ug/Wipe	63712		09/21/02 1424	mgk
	Aroclor 1242, Wipe	ND	U		5.0	5.0	10.0000	ug/Wipe	63712		09/21/02 1424	mgk
	Aroclor 1248, Wipe	ND	U		5.0	5.0	10.0000	ug/Wipe	63712		09/21/02 1424	mgk
	Aroclor 1254, Wipe	ND	U		5.0	5.0	10.0000	ug/Wipe	63712		09/21/02 1424	mgk
	Aroclor 1260, Wipe	18			5.0	5.0	10.0000	ug/Wipe	63712		09/21/02 1424	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U		5.0	5.0	2.00000	ug/Wipe	64020		09/26/02 1758	san
	RDX, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1758	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1758	san
	1,3-Dinitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1758	san
	Nitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1758	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1758	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1758	san
	2,4-Dinitrotoluene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1758	san
	2,6-Dinitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1758	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1758	san
	4-Amino-2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1758	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1758	san
	4-Nitrotoluene, Wipe	ND	U		10	10	2.00000	ug/Wipe	64020		09/26/02 1758	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1758	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	2.6			0.020	0.020	1	mg/Wipe	63524		09/21/02 0738	tds
	Antimony, Wipe	ND	U		0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0738	tds
	Arsenic, Wipe	0.0023			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0738	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211976

Date:09/27/2002

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

Customer Sample ID: 105CCSWS1
Date Sampled.....: 09/11/2002
Time Sampled.....: 13:45
Sample Matrix.....: Wipe

Laboratory Sample ID: 211976-6
Date Received.....: 09/12/2002
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	0.047			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0738	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0738	tds
	Cadmium, Wipe	0.0007			0.0002	0.0002	1	mg/Wipe	63524		09/21/02 0738	tds
	Calcium, Wipe	38			0.010	0.010	1	mg/Wipe	63524		09/21/02 0738	tds
	Chromium, Wipe	0.0054			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0738	tds
	Cobalt, Wipe	0.0016			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0738	tds
	Copper, Wipe	0.036			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0738	tds
	Iron, Wipe	4.3			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0738	tds
	Lead, Wipe	0.057			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0738	tds
	Magnesium, Wipe	1.4			0.010	0.010	1	mg/Wipe	63524		09/21/02 0738	tds
	Manganese, Wipe	0.12			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0738	tds
	Nickel, Wipe	0.0048			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0738	tds
	Potassium, Wipe	5.4			0.050	0.050	1	mg/Wipe	63632		09/24/02 0242	tds
	Selenium, Wipe	0.0008			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0738	tds
	Silver, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0738	tds
	Sodium, Wipe	4.3			0.10	0.10	1	mg/Wipe	63632		09/24/02 0242	tds
	Thallium, Wipe	0.0012			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0738	tds
	Vanadium, Wipe	0.0064			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0738	tds
	Zinc, Wipe	0.25			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0738	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211976

Date:09/27/2002

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

Customer Sample ID: 105CCSWS2
Date Sampled.....: 09/11/2002
Time Sampled.....: 13:55
Sample Matrix.....: Wipe

Laboratory Sample ID: 211976-7
Date Received.....: 09/12/2002
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1457	mgk
	Aroclor 1221, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1457	mgk
	Aroclor 1232, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1457	mgk
	Aroclor 1242, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1457	mgk
	Aroclor 1248, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1457	mgk
	Aroclor 1254, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1457	mgk
	Aroclor 1260, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1457	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U		5.0	5.0	2.00000	ug/Wipe	64020		09/26/02 1903	san
	RDX, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1903	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1903	san
	1,3-Dinitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1903	san
	Nitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1903	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1903	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1903	san
	2,4-Dinitrotoluene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 1903	san
	2,6-Dinitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1903	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1903	san
	4-Amino-2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1903	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1903	san
	4-Nitrotoluene, Wipe	ND	U		10	10	2.00000	ug/Wipe	64020		09/26/02 1903	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 1903	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	0.26			0.020	0.020	1	mg/Wipe	63524		09/21/02 0745	tds
	Antimony, Wipe	ND	U		0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0745	tds
	Arsenic, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0745	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211976

Date:09/27/2002

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

Customer Sample ID: 105CCSWS2
Date Sampled.....: 09/11/2002
Time Sampled.....: 13:55
Sample Matrix.....: Wipe

Laboratory Sample ID: 211976-7
Date Received.....: 09/12/2002
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	0.0052			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0745	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0745	tds
	Cadmium, Wipe	ND	U		0.0002	0.0002	1	mg/Wipe	63524		09/21/02 0745	tds
	Calcium, Wipe	12			0.010	0.010	1	mg/Wipe	63524		09/21/02 0745	tds
	Chromium, Wipe	0.0015			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0745	tds
	Cobalt, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0745	tds
	Copper, Wipe	0.0040			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0745	tds
	Iron, Wipe	0.48			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0745	tds
	Lead, Wipe	0.014			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0745	tds
	Magnesium, Wipe	0.22			0.010	0.010	1	mg/Wipe	63524		09/21/02 0745	tds
	Manganese, Wipe	0.0093			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0745	tds
	Nickel, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0745	tds
	Potassium, Wipe	0.36			0.050	0.050	1	mg/Wipe	63632		09/24/02 0248	tds
	Selenium, Wipe	0.0008			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0745	tds
	Silver, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0745	tds
	Sodium, Wipe	1.4			0.10	0.10	1	mg/Wipe	63632		09/24/02 0248	tds
	Thallium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0745	tds
	Vanadium, Wipe	0.0006			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0745	tds
	Zinc, Wipe	0.048			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0745	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211976

Date:09/27/2002

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

Customer Sample ID: 105BCSWS1
Date Sampled.....: 09/11/2002
Time Sampled.....: 14:15
Sample Matrix.....: Wipe

Laboratory Sample ID: 211976-8
Date Received.....: 09/12/2002
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1602	mgk
	Aroclor 1221, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1602	mgk
	Aroclor 1232, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1602	mgk
	Aroclor 1242, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1602	mgk
	Aroclor 1248, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1602	mgk
	Aroclor 1254, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1602	mgk
	Aroclor 1260, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1602	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U		5.0	5.0	2.00000	ug/Wipe	64020		09/26/02 2008	san
	RDX, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 2008	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 2008	san
	1,3-Dinitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 2008	san
	Nitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 2008	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 2008	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 2008	san
	2,4-Dinitrotoluene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 2008	san
	2,6-Dinitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 2008	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 2008	san
	4-Amino-2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 2008	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 2008	san
	4-Nitrotoluene, Wipe	ND	U		10	10	2.00000	ug/Wipe	64020		09/26/02 2008	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 2008	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	0.31			0.020	0.020	1	mg/Wipe	63524		09/21/02 0751	tds
	Antimony, Wipe	ND	U		0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0751	tds
	Arsenic, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0751	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211976

Date:09/27/2002

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

Customer Sample ID: 105BCSWS1
Date Sampled.....: 09/11/2002
Time Sampled.....: 14:15
Sample Matrix.....: Wipe

Laboratory Sample ID: 211976-8
Date Received.....: 09/12/2002
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	0.0054			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0751	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0751	tds
	Cadmium, Wipe	0.0045			0.0002	0.0002	1	mg/Wipe	63524		09/21/02 0751	tds
	Calcium, Wipe	14			0.010	0.010	1	mg/Wipe	63524		09/21/02 0751	tds
	Chromium, Wipe	0.0058			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0751	tds
	Cobalt, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0751	tds
	Copper, Wipe	0.0039			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0751	tds
	Iron, Wipe	0.36			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0751	tds
	Lead, Wipe	0.031			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0751	tds
	Magnesium, Wipe	0.32			0.010	0.010	1	mg/Wipe	63524		09/21/02 0751	tds
	Manganese, Wipe	0.015			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0751	tds
	Nickel, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0751	tds
	Potassium, Wipe	0.38			0.050	0.050	1	mg/Wipe	63632		09/24/02 0255	tds
	Selenium, Wipe	0.0008			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0751	tds
	Silver, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0751	tds
	Sodium, Wipe	1.3			0.10	0.10	1	mg/Wipe	63632		09/24/02 0255	tds
	Thallium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0751	tds
	Vanadium, Wipe	0.0007			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0751	tds
	Zinc, Wipe	0.15			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0751	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211976

Date:09/27/2002

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

Customer Sample ID: 105BCSWS2
Date Sampled.....: 09/11/2002
Time Sampled.....: 14:30
Sample Matrix.....: Wipe

Laboratory Sample ID: 211976-9
Date Received.....: 09/12/2002
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1635	mgk
	Aroclor 1221, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1635	mgk
	Aroclor 1232, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1635	mgk
	Aroclor 1242, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1635	mgk
	Aroclor 1248, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1635	mgk
	Aroclor 1254, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1635	mgk
	Aroclor 1260, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1635	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U		5.0	5.0	2.00000	ug/Wipe	64020		09/26/02 2146	san
	RDX, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 2146	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 2146	san
	1,3-Dinitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 2146	san
	Nitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 2146	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 2146	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 2146	san
	2,4-Dinitrotoluene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 2146	san
	2,6-Dinitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 2146	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 2146	san
	4-Amino-2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 2146	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 2146	san
	4-Nitrotoluene, Wipe	ND	U		10	10	2.00000	ug/Wipe	64020		09/26/02 2146	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 2146	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	0.21			0.020	0.020	1	mg/Wipe	63524		09/21/02 0757	tds
	Antimony, Wipe	ND	U		0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0757	tds
	Arsenic, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0757	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211976

Date:09/27/2002

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

Customer Sample ID: 105BCSWS2
Date Sampled.....: 09/11/2002
Time Sampled.....: 14:30
Sample Matrix.....: Wipe

Laboratory Sample ID: 211976-9
Date Received.....: 09/12/2002
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	0.0049			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0757	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0757	tds
	Cadmium, Wipe	0.0003			0.0002	0.0002	1	mg/Wipe	63524		09/21/02 0757	tds
	Calcium, Wipe	18			0.010	0.010	1	mg/Wipe	63524		09/21/02 0757	tds
	Chromium, Wipe	0.0011			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0757	tds
	Cobalt, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0757	tds
	Copper, Wipe	0.032			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0757	tds
	Iron, Wipe	0.24			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0757	tds
	Lead, Wipe	0.0055			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0757	tds
	Magnesium, Wipe	0.31			0.010	0.010	1	mg/Wipe	63524		09/21/02 0757	tds
	Manganese, Wipe	0.014			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0757	tds
	Nickel, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0757	tds
	Potassium, Wipe	0.52			0.050	0.050	1	mg/Wipe	63632		09/24/02 0301	tds
	Selenium, Wipe	0.0008			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0757	tds
	Silver, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0757	tds
	Sodium, Wipe	1.4			0.10	0.10	1	mg/Wipe	63632		09/24/02 0301	tds
	Thallium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0757	tds
	Vanadium, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0757	tds
	Zinc, Wipe	0.074			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0757	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211976

Date:09/27/2002

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

Customer Sample ID: 105DCSWS1
Date Sampled.....: 09/11/2002
Time Sampled.....: 17:00
Sample Matrix.....: Wipe

Laboratory Sample ID: 211976-10
Date Received.....: 09/12/2002
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1708	mgk
	Aroclor 1221, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1708	mgk
	Aroclor 1232, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1708	mgk
	Aroclor 1242, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1708	mgk
	Aroclor 1248, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1708	mgk
	Aroclor 1254, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1708	mgk
	Aroclor 1260, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1708	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U		5.0	5.0	2.00000	ug/Wipe	64020		09/26/02 2251	san
	RDX, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 2251	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 2251	san
	1,3-Dinitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 2251	san
	Nitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 2251	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 2251	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 2251	san
	2,4-Dinitrotoluene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 2251	san
	2,6-Dinitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 2251	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 2251	san
	4-Amino-2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 2251	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 2251	san
	4-Nitrotoluene, Wipe	ND	U		10	10	2.00000	ug/Wipe	64020		09/26/02 2251	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 2251	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	0.63			0.020	0.020	1	mg/Wipe	63524		09/21/02 0803	tds
	Antimony, Wipe	ND	U		0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0803	tds
	Arsenic, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0803	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

Job Number: 211976

LABORATORY TEST RESULTS

Date:09/27/2002

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

Customer Sample ID: 105DCSWS1
Date Sampled.....: 09/11/2002
Time Sampled.....: 17:00
Sample Matrix.....: Wipe

Laboratory Sample ID: 211976-10
Date Received.....: 09/12/2002
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	0.011			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0803	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0803	tds
	Cadmium, Wipe	0.0008			0.0002	0.0002	1	mg/Wipe	63524		09/21/02 0803	tds
	Calcium, Wipe	19			0.010	0.010	1	mg/Wipe	63524		09/21/02 0803	tds
	Chromium, Wipe	0.0032			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0803	tds
	Cobalt, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0803	tds
	Copper, Wipe	0.0068			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0803	tds
	Iron, Wipe	0.99			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0803	tds
	Lead, Wipe	0.017			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0803	tds
	Magnesium, Wipe	0.41			0.010	0.010	1	mg/Wipe	63524		09/21/02 0803	tds
	Manganese, Wipe	0.017			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0803	tds
	Nickel, Wipe	0.0013			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0803	tds
	Potassium, Wipe	0.99			0.050	0.050	1	mg/Wipe	63632		09/24/02 0307	tds
	Selenium, Wipe	0.0008			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0803	tds
	Silver, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0803	tds
	Sodium, Wipe	1.6			0.10	0.10	1	mg/Wipe	63632		09/24/02 0307	tds
	Thallium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0803	tds
	Vanadium, Wipe	0.0012			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0803	tds
	Zinc, Wipe	0.11			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0803	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211976

Date:09/27/2002

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

Customer Sample ID: 105DCSWS2
Date Sampled.....: 09/11/2002
Time Sampled.....: 17:10
Sample Matrix.....: Wipe

Laboratory Sample ID: 211976-11
Date Received.....: 09/12/2002
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
8082	PCB Analysis											
	Aroclor 1016, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1740	mgk
	Aroclor 1221, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1740	mgk
	Aroclor 1232, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1740	mgk
	Aroclor 1242, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1740	mgk
	Aroclor 1248, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1740	mgk
	Aroclor 1254, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1740	mgk
	Aroclor 1260, Wipe	ND	U		0.50	0.50	1.00000	ug/Wipe	63712		09/21/02 1740	mgk
8330	Explosives by 8330 (HPLC)											
	HMX, Wipe	ND	U		5.0	5.0	2.00000	ug/Wipe	64020		09/26/02 2356	san
	RDX, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 2356	san
	1,3,5-Trinitrobenzene, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 2356	san
	1,3-Dinitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 2356	san
	Nitrobenzene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 2356	san
	2,4,6-TNT, Wipe	ND	U	*	2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 2356	san
	Tetryl, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 2356	san
	2,4-Dinitrotoluene, Wipe	ND	U		2.0	2.0	2.00000	ug/Wipe	64020		09/26/02 2356	san
	2,6-Dinitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 2356	san
	2-Amino-4,6-Dinitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 2356	san
	4-Amino-2,6-Dinitrotoluene, Wipe	ND	U	*	4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 2356	san
	2-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 2356	san
	4-Nitrotoluene, Wipe	ND	U		10	10	2.00000	ug/Wipe	64020		09/26/02 2356	san
	3-Nitrotoluene, Wipe	ND	U		4.0	4.0	2.00000	ug/Wipe	64020		09/26/02 2356	san
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Wipe	0.99			0.020	0.020	1	mg/Wipe	63524		09/21/02 0809	tds
	Antimony, Wipe	ND	U		0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0809	tds
	Arsenic, Wipe	0.0010			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0809	tds

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

LABORATORY TEST RESULTS

Job Number: 211976

Date:09/27/2002

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

Customer Sample ID: 105DCSWS2
Date Sampled.....: 09/11/2002
Time Sampled.....: 17:10
Sample Matrix.....: Wipe

Laboratory Sample ID: 211976-11
Date Received.....: 09/12/2002
Time Received.....: 09:10

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Barium, Wipe	0.017			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0809	tds
	Beryllium, Wipe	ND	U		0.0004	0.0004	1	mg/Wipe	63524		09/21/02 0809	tds
	Cadmium, Wipe	0.0006			0.0002	0.0002	1	mg/Wipe	63524		09/21/02 0809	tds
	Calcium, Wipe	21			0.010	0.010	1	mg/Wipe	63524		09/21/02 0809	tds
	Chromium, Wipe	0.0072			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0809	tds
	Cobalt, Wipe	0.0006			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0809	tds
	Copper, Wipe	0.010			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0809	tds
	Iron, Wipe	4.4			0.0050	0.0050	1	mg/Wipe	63524		09/21/02 0809	tds
	Lead, Wipe	38			0.10	0.10	20	mg/Wipe	63632		09/24/02 0320	tds
	Magnesium, Wipe	0.99			0.010	0.010	1	mg/Wipe	63524		09/21/02 0809	tds
	Manganese, Wipe	0.052			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0809	tds
	Nickel, Wipe	0.0028			0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0809	tds
	Potassium, Wipe	1.9			0.050	0.050	1	mg/Wipe	63632		09/24/02 0313	tds
	Selenium, Wipe	0.0007			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0809	tds
	Silver, Wipe	ND	U		0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0809	tds
	Sodium, Wipe	2.2			0.10	0.10	1	mg/Wipe	63632		09/24/02 0313	tds
	Thallium, Wipe	ND	U		0.0010	0.0010	1	mg/Wipe	63524		09/21/02 0809	tds
	Vanadium, Wipe	0.0068			0.0005	0.0005	1	mg/Wipe	63524		09/21/02 0809	tds
	Zinc, Wipe	0.12			0.0020	0.0020	1	mg/Wipe	63524		09/21/02 0809	tds

* In Description = Dry Wgt.

LABORATORY CHRONICLE

Job Number: 211976 Date: 09/27/2002

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

Lab ID: 211976-1 Client ID: 105ECSWS1 Date Recvd: 09/12/2002 Sample Date: 09/11/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63997		09/23/2002	2100	
3050B	Acid Digestion: Solids (ICAP)	1	63266		09/19/2002	1900	
EDD	Electronic Data Deliverable	1					
8330	Explosives by 8330 (HPLC)	1	64020	63997	09/26/2002	1200	2.00000
3550B	Extraction Ultrasonic (PCBs)	1	62953		09/17/2002	1400	
6010B	Metals Analysis (ICAP Trace)	1	63524	63266	09/21/2002	0642	
6010B	Metals Analysis (ICAP Trace)	1	63632	63266	09/24/2002	0137	
8082	PCB Analysis	1	63712	62953	09/21/2002	1141	1.00000

Lab ID: 211976-2 Client ID: 105ECSWS2 Date Recvd: 09/12/2002 Sample Date: 09/11/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63997		09/23/2002	2100	
3050B	Acid Digestion: Solids (ICAP)	1	63266		09/19/2002	1900	
8330	Explosives by 8330 (HPLC)	1	64020	63997	09/26/2002	1305	2.00000
3550B	Extraction Ultrasonic (PCBs)	1	62953		09/17/2002	1400	
6010B	Metals Analysis (ICAP Trace)	1	63524	63266	09/21/2002	0654	
6010B	Metals Analysis (ICAP Trace)	1	63632	63266	09/24/2002	0150	
8082	PCB Analysis	1	63712	62953	09/21/2002	1214	1.00000

Lab ID: 211976-3 Client ID: 105FCSWS1 Date Recvd: 09/12/2002 Sample Date: 09/11/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63997		09/23/2002	2100	
3050B	Acid Digestion: Solids (ICAP)	1	63266		09/19/2002	1900	
8330	Explosives by 8330 (HPLC)	1	64020	63997	09/26/2002	1410	2.00000
3550B	Extraction Ultrasonic (PCBs)	1	62953		09/17/2002	1400	
6010B	Metals Analysis (ICAP Trace)	1	63524	63266	09/21/2002	0700	
6010B	Metals Analysis (ICAP Trace)	1	63632	63266	09/24/2002	0156	
6010B	Metals Analysis (ICAP Trace)	1	63632	63266	09/24/2002	0202	5
8082	PCB Analysis	1	63712	62953	09/21/2002	1247	1.00000

Lab ID: 211976-4 Client ID: 105FCSWS2 Date Recvd: 09/12/2002 Sample Date: 09/11/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63997		09/23/2002	2100	
3050B	Acid Digestion: Solids (ICAP)	1	63266		09/19/2002	1900	
8330	Explosives by 8330 (HPLC)	1	64020	63997	09/26/2002	1548	2.00000
3550B	Extraction Ultrasonic (PCBs)	1	62953		09/17/2002	1400	
6010B	Metals Analysis (ICAP Trace)	1	63524	63266	09/21/2002	0707	
6010B	Metals Analysis (ICAP Trace)	1	63632	63266	09/24/2002	0230	
8082	PCB Analysis	1	63712	62953	09/21/2002	1319	1.00000

Lab ID: 211976-5 Client ID: 105EFTUNNELWS1 Date Recvd: 09/12/2002 Sample Date: 09/11/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63997		09/23/2002	2100	
3050B	Acid Digestion: Solids (ICAP)	1	63266		09/19/2002	1900	
8330	Explosives by 8330 (HPLC)	1	64020	63997	09/26/2002	1653	2.0000
3550B	Extraction Ultrasonic (PCBs)	1	62953		09/17/2002	1400	
6010B	Metals Analysis (ICAP Trace)	1	63524	63266	09/21/2002	0732	
6010B	Metals Analysis (ICAP Trace)	1	63632	63266	09/24/2002	0236	
8082	PCB Analysis	1	63712	62953	09/21/2002	1352	1.00000

Lab ID: 211976-6 Client ID: 105CCSWS1 Date Recvd: 09/12/2002 Sample Date: 09/11/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63997		09/23/2002	2100	
3050B	Acid Digestion: Solids (ICAP)	1	63266		09/19/2002	1900	
8330	Explosives by 8330 (HPLC)	1	64020	63997	09/26/2002	1758	2.00000

LABORATORY CHRONICLE

Job Number: 211976 Date: 09/27/2002

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

Lab ID: 211976-6 Client ID: 105CCSWS1 Date Recvd: 09/12/2002 Sample Date: 09/11/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
3550B	Extraction Ultrasonic (PCBs)	1	62953		09/17/2002	1400	
6010B	Metals Analysis (ICAP Trace)	1	63524	63266	09/21/2002	0738	
6010B	Metals Analysis (ICAP Trace)	1	63632	63266	09/24/2002	0242	
8082	PCB Analysis	1	63712	62953	09/21/2002	1424	10.0000

Lab ID: 211976-7 Client ID: 105CCSWS2 Date Recvd: 09/12/2002 Sample Date: 09/11/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63997		09/23/2002	2100	
3050B	Acid Digestion: Solids (ICAP)	1	63266		09/19/2002	1900	
8330	Explosives by 8330 (HPLC)	1	64020	63997	09/26/2002	1903	2.00000
3550B	Extraction Ultrasonic (PCBs)	1	62953		09/17/2002	1400	
6010B	Metals Analysis (ICAP Trace)	1	63524	63266	09/21/2002	0745	
6010B	Metals Analysis (ICAP Trace)	1	63632	63266	09/24/2002	0248	
8082	PCB Analysis	1	63712	62953	09/21/2002	1457	1.00000

Lab ID: 211976-8 Client ID: 105BCSWS1 Date Recvd: 09/12/2002 Sample Date: 09/11/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63997		09/23/2002	2100	
3050B	Acid Digestion: Solids (ICAP)	1	63266		09/19/2002	1900	
8330	Explosives by 8330 (HPLC)	1	64020	63997	09/26/2002	2008	2.00000
3550B	Extraction Ultrasonic (PCBs)	1	62953		09/17/2002	1400	
6010B	Metals Analysis (ICAP Trace)	1	63524	63266	09/21/2002	0751	
6010B	Metals Analysis (ICAP Trace)	1	63632	63266	09/24/2002	0255	
8082	PCB Analysis	1	63712	62953	09/21/2002	1602	1.00000

Lab ID: 211976-9 Client ID: 105BCSWS2 Date Recvd: 09/12/2002 Sample Date: 09/11/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63997		09/23/2002	2100	
3050B	Acid Digestion: Solids (ICAP)	1	63266		09/19/2002	1900	
8330	Explosives by 8330 (HPLC)	1	64020	63997	09/26/2002	2146	2.00000
3550B	Extraction Ultrasonic (PCBs)	1	62953		09/17/2002	1400	
6010B	Metals Analysis (ICAP Trace)	1	63524	63266	09/21/2002	0757	
6010B	Metals Analysis (ICAP Trace)	1	63632	63266	09/24/2002	0301	
8082	PCB Analysis	1	63712	62953	09/21/2002	1635	1.00000

Lab ID: 211976-10 Client ID: 105DCSWS1 Date Recvd: 09/12/2002 Sample Date: 09/11/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63997		09/23/2002	2100	
3050B	Acid Digestion: Solids (ICAP)	1	63266		09/19/2002	1900	
8330	Explosives by 8330 (HPLC)	1	64020	63997	09/26/2002	2251	2.00000
3550B	Extraction Ultrasonic (PCBs)	1	62953		09/17/2002	1400	
6010B	Metals Analysis (ICAP Trace)	1	63524	63266	09/21/2002	0803	
6010B	Metals Analysis (ICAP Trace)	1	63632	63266	09/24/2002	0307	
8082	PCB Analysis	1	63712	62953	09/21/2002	1708	1.00000

Lab ID: 211976-11 Client ID: 105DCSWS2 Date Recvd: 09/12/2002 Sample Date: 09/11/2002

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
8330	8330 Extraction (Explosives)	1	63997		09/23/2002	2100	
3050B	Acid Digestion: Solids (ICAP)	1	63266		09/19/2002	1900	
8330	Explosives by 8330 (HPLC)	1	64020	63997	09/26/2002	2356	2.00000
3550B	Extraction Ultrasonic (PCBs)	1	62953		09/17/2002	1400	
6010B	Metals Analysis (ICAP Trace)	1	63524	63266	09/21/2002	0809	
6010B	Metals Analysis (ICAP Trace)	1	63632	63266	09/24/2002	0313	
6010B	Metals Analysis (ICAP Trace)	1	63632	63266	09/24/2002	0320	20
8082	PCB Analysis	1	63712	62953	09/21/2002	1740	1.00000

SEVERN TRENT SERVICES

STL Chicago

SURROGATE RECOVERIES REPORT

Job Number.: 211976

Report Date.: 09/27/2002

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

Method.....: PCB Analysis
Batch(s).....: 63712

Method Code...: 8082
Test Matrix...: Wipe

Prep Batch....: 62953
Equipment Code: INST0708

Lab ID	DT	Sample ID	Date	DCB	TCX
LCD			09/21/2002	90	91
LCS			09/21/2002	90	93
MB			09/21/2002	89	90
211976- 1		105ECSWS1	09/21/2002	90	99
211976- 2		105ECSWS2	09/21/2002	75	114
211976- 3		105FCSWS1	09/21/2002	87	90
211976- 4		105FCSWS2	09/21/2002	89	94
211976- 5		105EFTUNNELWS1	09/21/2002	87	92
211976- 6		105CCSWS1	09/21/2002	99	101
211976- 7		105CCSWS2	09/21/2002	86	92
211976- 8		105BCSWS1	09/21/2002	88	95
211976- 9		105BCSWS2	09/21/2002	86	93
211976- 10		105DCSWS1	09/21/2002	88	92
211976- 11		105DCSWS2	09/21/2002	90	96

Test	Test Description	Limits
DCB	Decachlorobiphenyl (surr)	24 - 154
TCX	Tetrachloro-m-xylene (surr)	25 - 138

SURROGATE RECOVERIES REPORT

Job Number.: 211976 Report Date.: 09/27/2002

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

Method.....: Explosives by 8330 (HPLC) Method Code...: 8330 Prep Batch....: 63997
Batch(s).....: 64020 Test Matrix...: Wipe Equipment Code: INST43

Lab ID	DT	Sample ID	Date	12DNBZ
LCD			09/26/2002	99
LCS			09/26/2002	97
MB			09/26/2002	96
211976- 1		105ECSWS1	09/26/2002	87
211976- 2		105ECSWS2	09/26/2002	89
211976- 3		105FCSWS1	09/26/2002	87
211976- 4		105FCSWS2	09/26/2002	88
211976- 5		105EFTUNNELWS1	09/26/2002	89
211976- 6		105CCSWS1	09/26/2002	158*
211976- 7		105CCSWS2	09/26/2002	106
211976- 8		105BCSWS1	09/26/2002	90
211976- 9		105BCSWS2	09/26/2002	81
211976- 10		105DCSWS1	09/26/2002	86
211976- 11		105DCSWS2	09/26/2002	85

Test	Test Description	Limits
12DNBZ	1,2-Dinitrobenzene (surr)	60 - 140

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QUALITY CONTROL RESULTS

Job Number.: 211976 Report Date.: 09/27/2002

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

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

Test Method.....: 8082 Equipment Code....: INST0708 Analyst...: mgk
Method Description.: PCB Analysis Batch.....: 63712

LCD	Laboratory Control Sample Duplicate	002IWLPCBA	62953 -003		09/21/2002	1109

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Wipe	ug/Wipe	4.731500	4.656000	5.001000	0.500000 U	95	%	66-104	
						2	R	20	
Aroclor 1260, Wipe	ug/Wipe	4.606200	4.562100	5.010000	0.500000 U	92	%	68-108	
						1	R	20	

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

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STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211976

Report Date.: 09/27/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	0021WLPCBA	62953 -002		09/21/2002	1036

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

Equipment Code....: INST0708
Batch.....: 63712

Analyst...: mgk

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Wipe	ug/Wipe	4.656000		5.001000	0.500000 U	93	%	66-104	
Aroclor 1260, Wipe	ug/Wipe	4.562100		5.010000	0.500000 U	91	%	68-108	

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

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QUALITY CONTROL RESULTS

Job Number.: 211976

Report Date.: 09/27/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		62953 -001		09/21/2002	1004

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

Equipment Code....: INST0708
Batch.....: 63712

Analyst...: mgk

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aroclor 1016, Wipe	ug/Wipe	0.500000 U							
Aroclor 1221, Wipe	ug/Wipe	0.500000 U							
Aroclor 1232, Wipe	ug/Wipe	0.500000 U							
Aroclor 1242, Wipe	ug/Wipe	0.500000 U							
Aroclor 1248, Wipe	ug/Wipe	0.500000 U							
Aroclor 1254, Wipe	ug/Wipe	0.500000 U							
Aroclor 1260, Wipe	ug/Wipe	0.500000 U							

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

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STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211976

Report Date.: 09/27/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCD	Laboratory Control Sample Duplicate	002HPL833A	63997 -003		09/26/2002	1128

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

Equipment Code....: INST43
Batch.....: 64020

Analyst...: san

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
HMX, Wipe	ug/Wipe	10.522500	10.400000	10.000000	2.500000 U	105.1	%	83-130	
							R	20	
RDX, Wipe	ug/Wipe	10.586000	10.601000	10.000000	1.000000 U	106.0	%	83-117	
							R	20	
1,3,5-Trinitrobenzene, Wipe	ug/Wipe	9.055000	5.297500	10.000000	1.000000 U	91.52	%	83-115	*
							R	20	
1,3-Dinitrobenzene, Wipe	ug/Wipe	10.368500	10.174500	10.000000	1.000000 U	104.2	%	84-115	
							R	20	
Nitrobenzene, Wipe	ug/Wipe	10.308500	10.131000	10.000000	1.000000 U	103.2	%	76-109	
							R	20	
2,4,6-TNT, Wipe	ug/Wipe	6.337500	4.376000	10.000000	1.000000 U	63.37	%	81-116	*
							R	20	*
Tetryl, Wipe	ug/Wipe	2.000000 U	2.000000 U	20.000000	2.000000 U	1.200	%	77-122	
							R	20	*
2,4-Dinitrotoluene, Wipe	ug/Wipe	9.983500	9.969500	10.000000	1.000000 U	100.0	%	79-126	
							R	20	
2,6-Dinitrotoluene, Wipe	ug/Wipe	21.134500	21.059000	20.000000	2.000000 U	106.0	%	79-120	
							R	20	
2-Amino-4,6-Dinitrotoluene, Wipe	ug/Wipe	21.004500	21.139500	20.000000	2.000000 U	105.1	%	84-114	
							R	20	
4-Amino-2,6-Dinitrotoluene, Wipe	ug/Wipe	33.620500	31.460000	20.000000	2.000000 U	168.7	%	84-117	*
							R	20	
2-Nitrotoluene, Wipe	ug/Wipe	20.936000	19.934000	20.000000	2.000000 U	105.5	%	74-111	
							R	20	
4-Nitrotoluene, Wipe	ug/Wipe	20.354000	19.623500	20.000000	5.000000 U	102.4	%	75-113	
							R	20	
3-Nitrotoluene, Wipe	ug/Wipe	20.894500	20.496500	20.000000	2.000000 U	104.2	%	75-112	
							R	20	

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211976

Report Date.: 09/27/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	002HPL833A	63997 -002		09/26/2002	1055

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

Equipment Code....: INST43
Batch.....: 64020

Analyst...: san

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
HMX, Wipe	ug/Wipe	10.400000		10.000000	2.500000 U	104	%	83-130	
RDX, Wipe	ug/Wipe	10.601000		10.000000	1.000000 U	106	%	83-117	
1,3,5-Trinitrobenzene, Wipe	ug/Wipe	5.297500		10.000000	1.000000 U	53	%	83-115	*
1,3-Dinitrobenzene, Wipe	ug/Wipe	10.174500		10.000000	1.000000 U	102	%	84-115	
Nitrobenzene, Wipe	ug/Wipe	10.131000		10.000000	1.000000 U	101	%	76-109	
2,4,6-TNT, Wipe	ug/Wipe	4.376000		10.000000	1.000000 U	44	%	81-116	*
Tetryl, Wipe	ug/Wipe	2.000000 U		20.000000	2.000000 U	0	%	77-122	
2,4-Dinitrotoluene, Wipe	ug/Wipe	9.969500		10.000000	1.000000 U	100	%	79-126	
2,6-Dinitrotoluene, Wipe	ug/Wipe	21.059000		20.000000	2.000000 U	105	%	79-120	
2-Amino-4,6-Dinitrotoluene, Wipe	ug/Wipe	21.139500		20.000000	2.000000 U	106	%	84-114	
4-Amino-2,6-Dinitrotoluene, Wipe	ug/Wipe	31.460000		20.000000	2.000000 U	157	%	84-117	*
2-Nitrotoluene, Wipe	ug/Wipe	19.934000		20.000000	2.000000 U	100	%	74-111	
4-Nitrotoluene, Wipe	ug/Wipe	19.623500		20.000000	5.000000 U	98	%	75-113	
3-Nitrotoluene, Wipe	ug/Wipe	20.496500		20.000000	2.000000 U	102	%	75-112	

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211976

Report Date.: 09/27/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank		63997 -001		09/26/2002	1023

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

Equipment Code....: INST43
Batch.....: 64020

Analyst...: san

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
HMX, Wipe	ug/Wipe	2.500000 U							
RDX, Wipe	ug/Wipe	1.000000 U							
1,3,5-Trinitrobenzene, Wipe	ug/Wipe	1.000000 U							
1,3-Dinitrobenzene, Wipe	ug/Wipe	1.000000 U							
Nitrobenzene, Wipe	ug/Wipe	1.000000 U							
2,4,6-TNT, Wipe	ug/Wipe	1.000000 U							
Tetryl, Wipe	ug/Wipe	2.000000 U							
2,4-Dinitrotoluene, Wipe	ug/Wipe	1.000000 U							
2,6-Dinitrotoluene, Wipe	ug/Wipe	2.000000 U							
2-Amino-4,6-Dinitrotoluene, Wipe	ug/Wipe	2.000000 U							
4-Amino-2,6-Dinitrotoluene, Wipe	ug/Wipe	2.000000 U							
2-Nitrotoluene, Wipe	ug/Wipe	2.000000 U							
4-Nitrotoluene, Wipe	ug/Wipe	5.000000 U							
3-Nitrotoluene, Wipe	ug/Wipe	2.000000 U							

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211976

Report Date.: 09/27/2002

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

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

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

Equipment Code....: ICP3
Batch.....: 63524

Analyst...: tds

LCS	Laboratory Control Sample	M02ISPK004	63171 -002		09/21/2002 0325

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Wipe	mg/Wipe	0.18804		0.20000	0.02000 U	94	%	80-120	
Antimony, Wipe	mg/Wipe	0.04362		0.05000	0.00200 U	87	%	80-120	
Arsenic, Wipe	mg/Wipe	0.00899		0.01000	0.00100 U	90	%	80-120	
Barium, Wipe	mg/Wipe	0.17847		0.20000	0.00100 U	89	%	80-120	
Beryllium, Wipe	mg/Wipe	0.00430		0.00500	0.00040 U	86	%	80-120	
Cadmium, Wipe	mg/Wipe	0.00446		0.00500	0.00020 U	89	%	80-120	
Calcium, Wipe	mg/Wipe	0.91985		1.00000	0.01000 U	92	%	80-120	
Chromium, Wipe	mg/Wipe	0.01863		0.02000	0.00100 U	93	%	80-120	
Cobalt, Wipe	mg/Wipe	0.04521		0.05000	0.00050 U	90	%	80-120	
Copper, Wipe	mg/Wipe	0.02279		0.02500	0.00100 U	91	%	80-120	
Iron, Wipe	mg/Wipe	0.09246		0.10000	0.00500 U	92	%	80-120	
Lead, Wipe	mg/Wipe	0.01007		0.01000	0.00500 U	101	%	80-120	
Magnesium, Wipe	mg/Wipe	0.91008		1.00000	0.01000 U	91	%	80-120	
Manganese, Wipe	mg/Wipe	0.04608		0.05000	0.00100 U	92	%	80-120	
Nickel, Wipe	mg/Wipe	0.04550		0.05000	0.00100 U	91	%	80-120	
Selenium, Wipe	mg/Wipe	0.00901		0.01000	0.00050 U	90	%	80-120	
Silver, Wipe	mg/Wipe	0.00440		0.00500	0.00050 U	88	%	80-120	
Thallium, Wipe	mg/Wipe	0.00881		0.01000	0.00100 U	88	%	80-120	
Vanadium, Wipe	mg/Wipe	0.04576		0.05000	0.00050 U	92	%	80-120	
Zinc, Wipe	mg/Wipe	0.04605		0.05000	0.00276	92	%	80-120	

LCS	Laboratory Control Sample	M02ISPK004	63266 -002		09/21/2002 0636

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Wipe	mg/Wipe	0.17842		0.20000	0.02000 U	89	%	80-120	
Antimony, Wipe	mg/Wipe	0.04271		0.05000	0.00200 U	85	%	80-120	
Arsenic, Wipe	mg/Wipe	0.00869		0.01000	0.00100 U	87	%	80-120	
Barium, Wipe	mg/Wipe	0.17370		0.20000	0.00100 U	87	%	80-120	
Beryllium, Wipe	mg/Wipe	0.00425		0.00500	0.00040 U	85	%	80-120	
Cadmium, Wipe	mg/Wipe	0.00436		0.00500	0.00020 U	87	%	80-120	
Calcium, Wipe	mg/Wipe	0.89702		1.00000	0.01000 U	90	%	80-120	
Chromium, Wipe	mg/Wipe	0.01835		0.02000	0.00100 U	92	%	80-120	
Cobalt, Wipe	mg/Wipe	0.04443		0.05000	0.00050 U	89	%	80-120	
Copper, Wipe	mg/Wipe	0.02284		0.02500	0.00100 U	91	%	80-120	
Iron, Wipe	mg/Wipe	0.08324		0.10000	0.00500 U	83	%	80-120	
Lead, Wipe	mg/Wipe	0.00944		0.01000	0.00500 U	94	%	80-120	
Magnesium, Wipe	mg/Wipe	0.88299		1.00000	0.01000 U	88	%	80-120	
Manganese, Wipe	mg/Wipe	0.04518		0.05000	0.00100 U	90	%	80-120	
Nickel, Wipe	mg/Wipe	0.04479		0.05000	0.00100 U	90	%	80-120	
Selenium, Wipe	mg/Wipe	0.00862		0.01000	0.00050 U	86	%	80-120	
Silver, Wipe	mg/Wipe	0.00430		0.00500	0.00050 U	86	%	80-120	
Thallium, Wipe	mg/Wipe	0.00851		0.01000	0.00100 U	85	%	80-120	
Vanadium, Wipe	mg/Wipe	0.04507		0.05000	0.00050 U	90	%	80-120	
Zinc, Wipe	mg/Wipe	0.04208		0.05000	0.00200 U	84	%	80-120	

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211976

Report Date.: 09/27/2002

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.....: 63524

Analyst...: tds

MB	Method Blank	63171	63171 -001		09/21/2002	0318

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Wipe	mg/Wipe	0.02000 U							
Antimony, Wipe	mg/Wipe	0.00200 U							
Arsenic, Wipe	mg/Wipe	0.00100 U							
Barium, Wipe	mg/Wipe	0.00100 U							
Beryllium, Wipe	mg/Wipe	0.00040 U							
Cadmium, Wipe	mg/Wipe	0.00020 U							
Calcium, Wipe	mg/Wipe	0.01000 U							
Chromium, Wipe	mg/Wipe	0.00100 U							
Cobalt, Wipe	mg/Wipe	0.00050 U							
Copper, Wipe	mg/Wipe	0.00100 U							
Iron, Wipe	mg/Wipe	0.00500 U							
Lead, Wipe	mg/Wipe	0.00500 U							
Magnesium, Wipe	mg/Wipe	0.01000 U							
Manganese, Wipe	mg/Wipe	0.00100 U							
Nickel, Wipe	mg/Wipe	0.00100 U							
Selenium, Wipe	mg/Wipe	0.00050 U							
Silver, Wipe	mg/Wipe	0.00050 U							
Thallium, Wipe	mg/Wipe	0.00100 U							
Vanadium, Wipe	mg/Wipe	0.00050 U							
Zinc, Wipe	mg/Wipe	0.00276							H

MB	Method Blank	63266	63266 -001		09/21/2002	0629

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Wipe	mg/Wipe	0.02000 U							
Antimony, Wipe	mg/Wipe	0.00200 U							
Arsenic, Wipe	mg/Wipe	0.00100 U							
Barium, Wipe	mg/Wipe	0.00100 U							
Beryllium, Wipe	mg/Wipe	0.00040 U							
Cadmium, Wipe	mg/Wipe	0.00020 U							
Calcium, Wipe	mg/Wipe	0.01000 U							
Chromium, Wipe	mg/Wipe	0.00100 U							
Cobalt, Wipe	mg/Wipe	0.00050 U							
Copper, Wipe	mg/Wipe	0.00100 U							
Iron, Wipe	mg/Wipe	0.00500 U							
Lead, Wipe	mg/Wipe	0.00500 U							
Magnesium, Wipe	mg/Wipe	0.01000 U							
Manganese, Wipe	mg/Wipe	0.00100 U							
Nickel, Wipe	mg/Wipe	0.00100 U							
Selenium, Wipe	mg/Wipe	0.00050 U							
Silver, Wipe	mg/Wipe	0.00050 U							
Thallium, Wipe	mg/Wipe	0.00100 U							
Vanadium, Wipe	mg/Wipe	0.00050 U							
Zinc, Wipe	mg/Wipe	0.00200 U							

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211976 Report Date.: 09/27/2002

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.....: 63524

SD	Serial Dilution		211976-1		09/21/2002	0648

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Aluminum, Wipe	mg/Wipe	0.24691			1.20916	2.1	D	10.0	
Antimony, Wipe	mg/Wipe	0.00200 U			0.00200 U				
Arsenic, Wipe	mg/Wipe	0.00100 U			0.00166				
Barium, Wipe	mg/Wipe	0.00699			0.03533				
Beryllium, Wipe	mg/Wipe	0.00040 U			0.00040 U				
Cadmium, Wipe	mg/Wipe	0.00020 U			0.00038				
Calcium, Wipe	mg/Wipe	5.33308			26.89518	0.9	D	10.0	
Chromium, Wipe	mg/Wipe	0.00933			0.04673				
Cobalt, Wipe	mg/Wipe	0.00050 U			0.00067				
Copper, Wipe	mg/Wipe	0.00370			0.01930				
Iron, Wipe	mg/Wipe	1.03947			5.08939	2.1	D	10.0	
Lead, Wipe	mg/Wipe	0.04275			0.20695				
Magnesium, Wipe	mg/Wipe	0.11452			0.54633	4.8	D	10.0	
Manganese, Wipe	mg/Wipe	0.01441			0.07158	0.7	D	10.0	
Nickel, Wipe	mg/Wipe	0.00100 U			0.00315				
Selenium, Wipe	mg/Wipe	0.00050 U			0.00116				
Silver, Wipe	mg/Wipe	0.00050 U			0.00180				
Thallium, Wipe	mg/Wipe	0.00100 U			0.00100 U				
Vanadium, Wipe	mg/Wipe	0.00131			0.00695				
Zinc, Wipe	mg/Wipe	0.01409			0.06879				

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

SEVERN TRENT SERVICES

STL Chicago

QUALITY CONTROL RESULTS

Job Number.: 211976

Report Date.: 09/27/2002

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.....: 63632

Analyst...: tds

LCS	Laboratory Control Sample	M02ISPK004	63171 -002		09/23/2002 2131

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Calcium, Wipe	mg/Wipe	0.94866		1.00000	0.01264	95	%	80-120	
Lead, Wipe	mg/Wipe	0.01060		0.01000	0.00500 U	106	%	80-120	
Potassium, Wipe	mg/Wipe	0.89030		1.00000	0.05000 U	89	%	80-120	
Sodium, Wipe	mg/Wipe	0.87481		1.00000	0.10000 U	87	%	80-120	

LCS	Laboratory Control Sample	M02ISPK004	63266 -002		09/24/2002 0131

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Potassium, Wipe	mg/Wipe	0.86697		1.00000	0.05000 U	87	%	80-120	
Sodium, Wipe	mg/Wipe	0.86841		1.00000	0.10000 U	87	%	80-120	

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

QUALITY CONTROL RESULTS

Job Number.: 211976

Report Date.: 09/27/2002

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.....: 63632

Analyst...: tds

MB	Method Blank	63171	63171 -001		09/23/2002 2125

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Calcium, Wipe	mg/Wipe	0.01264							H
Lead, Wipe	mg/Wipe	0.00500 U							
Potassium, Wipe	mg/Wipe	0.05000 U							
Sodium, Wipe	mg/Wipe	0.10000 U							

MB	Method Blank	63266	63266 -001		09/24/2002 0125

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Potassium, Wipe	mg/Wipe	0.05000 U							
Sodium, Wipe	mg/Wipe	0.10000 U							

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

QUALITY CONTROL RESULTS

Job Number.: 211976

Report Date.: 09/27/2002

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

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
SD	Serial Dilution		211976-1		09/24/2002	0143

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

Equipment Code....: ICP4
Batch.....: 63632

Analyst...: tds

Parameter/Test Description	Units	QC Result	QC Result	True Value	Orig. Value	QC Calc.	*	Limits	F
Potassium, Wipe	mg/Wipe	0.21244			1.10855				
Sodium, Wipe	mg/Wipe	0.29248			1.46343				

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

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 09/27/2002

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) Arizona Environmental Laboratory License number AZ0603.
6) According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH Field) they were not analyzed immediately, but as soon as possible on laboratory receipt.

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

Inorganic Qualifiers (Q-Column)

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

Inorganic Flags (Flag Column)

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

Organic Qualifiers (Q - Column)

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

Organic Flags (Flags Column)

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

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 09/27/2002

P The lower of the two values is reported when the % difference between the results of two GC columns is greater than 25%.

Abbreviations

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

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 09/27/2002

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

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

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

SEVERN TRENT SERVICES

STL Chicago
2417 Bond Street
University Park, IL 60466
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Report To:
Contact: Dave Brewer
Company: SCS
Address: 10401 Holmes Rd #400
Kansas City Mo 64131
Phone: 816 941 7510
Fax: 816 941 8025
E-Mail: DBrewer@scsengineers.com

Bill To:
Contact: Sandy Weeks
Company: SCS
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only ____ of ____

Lab Lot# 211976

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

Sampler Name: Brett Engard [redacted]
Project Name: GSA SLOP
Project Number: 0220 7000.11
Project Location:
Date Required Hard Copy: __/__/__ Fax: __/__/__
Lab PM:

							Refrg #											
							# / Cont.	1	1	1	1	1	1					
							Volume	16oz	2oz	Encore								
							Preserv	NA	NA	NA	Hex	Aceto	HNO_3					
Laboratory ID	**MS-MSD**	**Client Sample ID**	**Sampling Date**	**Sampling Time**	**Matrix**	**Comp/Grab**		Svoc/Expl/PCB Metals/CN/Phen	VOC	VOC	PCB	Explosives	Metals					**Additional Analyses / Remarks**
		105DCSSS1	9.11.02	4:30	S			X	X	X								
		105DCSSS2	|	4:30	S			X	X	X								
10		105DCSWS1	|	5:00	WI						X	X	X					
11		105DCSWS2	|	5:10	WI						X	X	X					

RELIN[redacted]	COMPANY SCS	DATE 9.11.02	TIME 6pm	RECEIVED BY [redacted]	COMPANY STL	DATE 9/12/02	TIME 0910
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY [redacted]	COMPANY	DATE	TIME

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

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

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

COMMENTS

Date Received 9/12/02
Courier: FX Hand Delivered
Bill of Lading See attach