SDMS US EPA REGION V -1

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Excerpt from:

Waste – Discrete Surface Polychlorinated Biphenyl Data

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16704-62

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL007

Matrix: (soil/water) SOIL Lab Sample ID: WASTE-G-B2 (0-0.5')

Sample wt/vol: 30.4 (g/mL) G Lab File ID: J3380

Level: (low/med) LOW Date Received: 10/~~08~~ 7/99

% Moisture: 14 decanted: (Y/N) N Date Extracted: 10/12/99

Concentrated Extract Volume: 1 (mL) Date Analyzed: 10/19/99

Injection Volume: _____ (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	3.8	U
	Dichlorobiphenyl	3.8	U
	Trichlorobiphenyl	3.8	U
	Tetrachlorobiphenyl	7.8	U
	Pentachlorobiphenyl	7.8	U
	Hexachlorobiphenyl	7.9	
	Heptachlorobiphenyl	12	U
	Octachlorobiphenyl	12	U
	Nonachlorobibiphenyl	19	U
	Decachlorobiphenyl	19	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16433-19

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL003

Matrix: (soil/water) SOIL Lab Sample ID: WASTE-H-B1, 0-0.5'

Sample wt/vol: 30.0 (g/mL) G Lab File ID: K5000

Level: (low/med) LOW Date Received: 09/28/99

% Moisture: 4 decanted: (Y/N) N Date Extracted: 10/04/99

Concentrated Extract Volume: 1 (mL) Date Analyzed: 10/07/99

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	----------Monochlorobiphenyl	3.4	U
	----------Dichlorobiphenyl	3.4	U
	----------Trichlorobiphenyl	69	
	----------Tetrachlorobiphenyl	790	
	----------Pentachlorobiphenyl	500	
	----------Hexachlorobiphenyl	36	
	----------Heptachlorobiphenyl	52	
	----------Octachlorobiphenyl	26	
	----------Nonachlorobibiphenyl	17	U
	----------Decachlorobiphenyl	46	

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16433-20

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL003

Matrix: (soil/water) SOIL Lab Sample ID: WASTE-H-B2, 0-0.5'

Sample wt/vol: 30.1 (g/mL) G Lab File ID: K5001

Level: (low/med) LOW Date Received: 09/28/99

% Moisture: 9 decanted: (Y/N) N Date Extracted:10/04/99

Concentrated Extract Volume: 1(mL) Date Analyzed: 10/07/99

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	----------Monochlorobiphenyl	3.6	U
	----------Dichlorobiphenyl	3.6	U
	----------Trichlorobiphenyl	3.6	U
	----------Tetrachlorobiphenyl	7.4	U
	----------Pentachlorobiphenyl	17	
	----------Hexachlorobiphenyl	7.4	U
	----------Heptachlorobiphenyl	11	U
	----------Octachlorobiphenyl	11	U
	----------Nonachlorobibiphenyl	18	U
	----------Decachlorobiphenyl	18	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16433-22

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL003

Matrix: (soil/water) SOIL Lab Sample ID: WASTE-H-B4, 0-0.5'

Sample wt/vol: 30.0 (g/mL) G Lab File ID: K5022

Level: (low/med) LOW Date Received: 09/28/99

% Moisture: 3 decanted: (Y/N) N Date Extracted: 10/04/99

Concentrated Extract Volume: 1 (mL) Date Analyzed: 10/13/99

Injection Volume: _____ (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	34	U
	Dichlorobiphenyl	34	U
	Trichlorobiphenyl	41	
	Tetrachlorobiphenyl	170	
	Pentachlorobiphenyl	350	
	Hexachlorobiphenyl	400	
	Heptachlorobiphenyl	100	
	Octachlorobiphenyl	36	J
	Nonachlorobibiphenyl	170	U
	Decachlorobiphenyl	170	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16897A-2

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL013

Matrix: (soil/water) SOIL Lab Sample ID: WASTE-I-B2 (0-0.5')

Sample wt/vol: 30.1 (g/mL) G Lab File ID: K5130

Level: (low/med) LOW Date Received: 10/14/99

% Moisture: 10 decanted: (Y/N) N Date Extracted: 10/19/99

Concentrated Extract Volume: 1 (mL) Date Analyzed: 10/29/99

Injection Volume: _____ (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	37	U
	Dichlorobiphenyl	680	
	Trichlorobiphenyl	[redacted]	
	Tetrachlorobiphenyl	23000	
	Pentachlorobiphenyl	32000	
	Hexachlorobiphenyl	32000	
	Heptachlorobiphenyl	17000	
	Octachlorobiphenyl	9000	
	Nonachlorobibiphenyl	1700	
	Decachlorobiphenyl	930	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16897A-3

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL013

Matrix: (soil/water) SOIL Lab Sample ID: WASTE-I-B3 (0-0.5')

Sample wt/vol: 30.2 (g/mL) G Lab File ID: K5115

Level: (low/med) LOW Date Received: 10/14/99

% Moisture: 8 decanted: (Y/N) N Date Extracted: 10/19/99

Concentrated Extract Volume: 1(mL) Date Analyzed: 10/26/99

Injection Volume: _____(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	36	U
	Dichlorobiphenyl	36	U
	Trichlorobiphenyl	38	J
	Tetrachlorobiphenyl	360	J
	Pentachlorobiphenyl	1000	J
	Hexachlorobiphenyl	1100	J
	Heptachlorobiphenyl	520	J
	Octachlorobiphenyl	400	J
	Nonachlorobibiphenyl	180	U
	Decachlorobiphenyl	180	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16433-2

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL003

Matrix: (soil/water) SOIL Lab Sample ID: WASTE-L-B2, 0-0.5'

Sample wt/vol: 30.1 (g/mL) G Lab File ID: K5009

Level: (low/med) LOW Date Received: 09/28/99

% Moisture: 7 decanted: (Y/N) N Date Extracted: 10/04/99

Concentrated Extract Volume: 1 (mL) Date Analyzed: 10/08/99

Injection Volume: _____(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	18	U
	Dichlorobiphenyl	18	U
	Trichlorobiphenyl	18	U
	Tetrachlorobiphenyl	210	
	Pentachlorobiphenyl	760	
	Hexachlorobiphenyl	180	
	Heptachlorobiphenyl	21	J
	Octachlorobiphenyl	54	U
	Nonachlorobibiphenyl	90	U
	Decachlorobiphenyl	90	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16433-4

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL003

Matrix: (soil/water) SOIL Lab Sample ID: WASTE-L-B4, 0-0.5'

Sample wt/vol: 30.1 (g/mL) G Lab File ID: K5017

Level: (low/med) LOW Date Received: 09/28/99

% Moisture: 10 decanted: (Y/N) N Date Extracted: 10/04/99

Concentrated Extract Volume: 1 (mL) Date Analyzed: 10/12/99

Injection Volume: _____(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	37	U
	Dichlorobiphenyl	37	U
	Trichlorobiphenyl	37	U
	Tetrachlorobiphenyl	50	J
	Pentachlorobiphenyl	250	
	Hexachlorobiphenyl	48	J
	Heptachlorobiphenyl	110	U
	Octachlorobiphenyl	110	U
	Nonachlorobibiphenyl	190	U
	Decachlorobiphenyl	190	U

Excerpt from:

Waste – Discrete Surface Metals Data

Savannah Laboratories

TOTAL METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

WASTE-G-B1 0-0.5

Contract:

Lab Code: SAVLAB Case No.: SAS No.: SDG NO.: SIL007

Matrix (soil/water): SOIL Lab Sample ID: S916704-57

Level (low/med): LOW Date Received: 08-OCT-1999

% Solids: 84.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	14000			P	J
7440-36-0	Antimony	2.4	U	N*	P	UJ
7440-38-2	Arsenic	8.3			P	
7440-39-3	Barium	140			P	J
7440-41-7	Beryllium	0.63			P	
7440-43-9	Cadmium	0.32	B		P	J
7440-70-2	Calcium	15000			P	J
7440-47-3	Chromium	20			P	J
7440-48-4	Cobalt	8.5			P	
7440-50-8	Copper	190			P	J
7439-89-6	Iron	20000			P	
7439-92-1	Lead	14			P	
7439-95-4	Magnesium	5100			P	
7439-96-5	Manganese	630			P	J
7439-97-6	Mercury	0.031			CV	
7439-98-7	Molybdenum	0.50	B		P	J
7440-02-0	Nickel	21			P	
7440-09-7	Potassium	1600		X	P	
7782-49-2	Selenium	1.2	U		P	
7440-22-4	Silver	1.2	U		P	
7440-23-5	Sodium	71			P	UJ
7440-28-0	Thallium	1.2	U		P	
7440-31-5	Tin	6.0	U		P	
7440-62-2	Vanadium	39			P	J
7440-66-6	Zinc	64		E	P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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TOTAL METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

WASTE-G-B2 0-0.5

Contract:

Lab Code: SAVLAB Case No.: SAS No.: SDG NO.: SIL007

Matrix (soil/water): SOIL Lab Sample ID: S916704-62

Level (low/med): LOW Date Received: 08-OCT-1999 OK

% Solids: 86.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	14000			P	J
7440-36-0	Antimony	0.72	B	N*	P	~~UJ~~ J
7440-38-2	Arsenic	6.5			P	
7440-39-3	Barium	120			P	J
7440-41-7	Beryllium	0.64			P	
7440-43-9	Cadmium	0.22	B		P	
7440-70-2	Calcium	10000			P	J
7440-47-3	Chromium	20			P	
7440-48-4	Cobalt	7.3			P	
7440-50-8	Copper	200			P	
7439-89-6	Iron	18000			P	
7439-92-1	Lead	11			P	
7439-95-4	Magnesium	4500			P	
7439-96-5	Manganese	540			P	J
7439-97-6	Mercury	0.029			CV	
7439-98-7	Molybdenum	0.38	B		P	J
7440-02-0	Nickel	19			P	
7440-09-7	Potassium	1700		X	P	
7782-49-2	Selenium	1.2	U		P	
7440-22-4	Silver	1.2	U		P	
7440-23-5	Sodium	94			P	U
7440-28-0	Thallium	1.2	U		P	
7440-31-5	Tin	5.8	U		P	
7440-62-2	Vanadium	40			P	J
7440-66-6	Zinc	56		E	P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments: 12

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TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
WASTE-G-B3 0-0.5

Contract:

Lab Code: SAVLAB Case No.: SAS No.: SDG NO.: SIL007

Matrix (soil/water): SOIL Lab Sample ID: S916769-57

Level (low/med): LOW Date Received: 08-OCT-1999

% Solids: 90.0

OK

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	15000			P	J
7440-36-0	Antimony	0.65	B	N*	P	[redacted]
7440-38-2	Arsenic	7.7			P	
7440-39-3	Barium	79			P	J
7440-41-7	Beryllium	0.58			P	
7440-43-9	Cadmium	0.18	B		P	J
7440-70-2	Calcium	9800			P	J
7440-47-3	Chromium	22			P	J
7440-48-4	Cobalt	5.8			P	
7440-50-8	Copper	140			P	J
7439-89-6	Iron	20000			P	[redacted]
7439-92-1	Lead	16			P	
7439-95-4	Magnesium	3300			P	
7439-96-5	Manganese	260			P	J
7439-97-6	Mercury	0.015	B		CV	AL 11.24.99 J
7439-98-7	Molybdenum	0.78	B		P	J
7440-02-0	Nickel	17			P	
7440-09-7	Potassium	1300		X	P	
7782-49-2	Selenium	1.1	U		P	
7440-22-4	Silver	1.1	U		P	
7440-23-5	Sodium	56	U		P	
7440-28-0	Thallium	1.1	U		P	
7440-31-5	Tin	5.6	U		P	
7440-62-2	Vanadium	32			P	J
7440-66-6	Zinc	60		E	P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments: 13

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TOTAL METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

WASTE-G-B4 0-0.5

Contract:

Lab Code: SAVLAB Case No.: SAS No.: SDG NO.: SIL007

Matrix (soil/water): SOIL Lab Sample ID: S916769-62

Level (low/med): LOW Date Received: 08-OCT-1999

% Solids: 91.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	9300			P	J
7440-36-0	Antimony	2.2	U	N*	P	UJ
7440-38-2	Arsenic	6.5			P	
7440-39-3	Barium	130			P	J
7440-41-7	Beryllium	0.51			P	
7440-43-9	Cadmium	0.25	B		P	J
7440-70-2	Calcium	5100			P	J
7440-47-3	Chromium	15			P	J
7440-48-4	Cobalt	7.6			P	
7440-50-8	Copper	100			P	
7439-89-6	Iron	16000			P	
7439-92-1	Lead	12			P	
7439-95-4	Magnesium	3600			P	
7439-96-5	Manganese	740			P	J
7439-97-6	Mercury	0.025			CV	
7439-98-7	Molybdenum	0.42	B		P	J
7440-02-0	Nickel	18			P	
7440-09-7	Potassium	1200		X	P	
7782-49-2	Selenium	1.1	U		P	
7440-22-4	Silver	1.1	U		P	
7440-23-5	Sodium	79			P	UJ
7440-28-0	Thallium	1.1	U		P	
7440-31-5	Tin	5.5	U		P	
7440-62-2	Vanadium	32			P	J
7440-66-6	Zinc	58		E	P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

14

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What is this (EB) ??

TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
WASTE-G-B4 (0-0.5)

Contract:

Lab Code: SLSAV Case No.: SAS No.: SDG NO.: SIL008

Matrix (soil/water): WATER Lab Sample ID: S916769A-13

Level (low/med): LOW Date Received: 08-OCT-1999

% Solids: 0.0

Discrete Work.

Concentration Units (ug/L or mg/kg dry weight): MG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	0.20	U		P
7440-36-0	Antimony	0.020	U		P
7440-38-2	Arsenic	0.010	U		P
7440-39-3	Barium	0.010	U		P
7440-41-7	Beryllium	0.0040	U		P
7440-43-9	Cadmium	0.0050	U		P
7440-70-2	Calcium	0.25	B		P
7440-47-3	Chromium	0.010	U		P
7440-48-4	Cobalt	0.010	U		P
7440-50-8	Copper	0.020	U		P
7439-89-6	Iron	0.027	B		P
7439-92-1	Lead	0.0050	U		P
7439-95-4	Magnesium	0.50	U		P
7439-96-5	Manganese	0.010	U	N	P
7439-97-6	Mercury	0.00020	U		CV
7439-98-7	Molybdenum	0.010	U		P
7440-02-0	Nickel	0.040	U		P
7440-09-7	Potassium	1.0	U	N	P
7782-49-2	Selenium	0.010	U		P
7440-22-4	Silver	0.010	U		P
7440-23-5	Sodium	0.50		N	P
7440-28-0	Thallium	0.010	U		P
7440-31-5	Tin	0.010	U		P
7440-62-2	Vanadium	0.010	U		P
7440-66-6	Zinc	0.020	U		P

9010 - ND
8151 - ND
8080 - delta-BHC 0.0074

Color Before: Clarity Before: 15 Texture:

Color After: Clarity After: ~~000015~~ Artifacts:

Comments: 680 - ND
VOC - ND

Form I - IN SW-846

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TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

WASTE-H-B1, 0-0.5

Contract:

Lab Code: SLSAV Case No.: SAS No.: SDG NO.: SIL003

Matrix (soil/water): SOIL Lab Sample ID: S916433-19

Level (low/med): LOW Date Received: 28-SEP-1999

% Solids: 96.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	Qual
7429-90-5	Aluminum	5000			P	J
7440-36-0	Antimony	1.8	B	N	P	UJ
7440-38-2	Arsenic	6.5			P	
7440-39-3	Barium	110			P	
7440-41-7	Beryllium	0.83			P	
7440-43-9	Cadmium	8.7		N	P	UJ
7440-70-2	Calcium	15000			P	
7440-47-3	Chromium	15		N	P	[illegible]
7440-48-4	Cobalt	5.2			P	
7440-50-8	Copper	480			P	
7439-89-6	Iron	18000			P	
7439-92-1	Lead	200		*	P	UJ
7439-95-4	Magnesium	2500			P	
7439-96-5	Manganese	480			P	
7439-97-6	Mercury	0.20			CV	
7439-98-7	Molybdenum	3.6		X*	P	J
7440-02-0	Nickel	23			P	
7440-09-7	Potassium	1100			P	
7782-49-2	Selenium	0.64	B		P	J
7440-22-4	Silver	1.8		X*	P	J
7440-23-5	Sodium	180			P	
7440-28-0	Thallium	1.0	U		P	
7440-62-2	Vanadium	20			P	
7440-66-6	Zinc	800		E	P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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Form I - IN

SW-846

Savannah Laboratories

TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
WASTE-H-B2, 0-0.5

Contract:

Lab Code: SLSAV Case No.: SAS No.: SDG NO.: SIL003

Matrix (soil/water): SOIL Lab Sample ID: S916433-20

Level (low/med): LOW Date Received: 28-SEP-1999

% Solids: 91.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	Qual
7429-90-5	Aluminum	14000			P	[redacted]
7440-36-0	Antimony	0.69	B	N	P	[redacted]
7440-38-2	Arsenic	7.5			P	
7440-39-3	Barium	120			P	
7440-41-7	Beryllium	0.73			P	
7440-43-9	Cadmium	2.7		N	P	[redacted]
7440-70-2	Calcium	7500			P	
7440-47-3	Chromium	20		N	P	[redacted]
7440-48-4	Cobalt	9.5			P	
7440-50-8	Copper	200			P	
7439-89-6	Iron	17000			P	
7439-92-1	Lead	53		*	P	[redacted]
7439-95-4	Magnesium	2400			P	
7439-96-5	Manganese	720			P	
7439-97-6	Mercury	0.064			CV	
7439-98-7	Molybdenum	0.98	B	~~N~~*	P	[redacted]
7440-02-0	Nickel	20			P	
7440-09-7	Potassium	1600			P	
7782-49-2	Selenium	1.1	U		P	
7440-22-4	Silver	1.1	U	~~N~~*	P	UJ [redacted]
7440-23-5	Sodium	110			P	
7440-28-0	Thallium	1.1	U		P	
7440-62-2	Vanadium	33			P	
7440-66-6	Zinc	350		E	P	[redacted]

Color Before: Clarity Before: Texture:

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Color After: Clarity After: Artifacts:

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Comments:

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TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

WASTE-H-B3, 0-0.5

Contract:

Lab Code: SLSAV Case No.: SAS No.: SDG NO.: SIL003

Matrix (soil/water): SOIL Lab Sample ID: S916433-21

Level (low/med): LOW Date Received: 28-SEP-1999

% Solids: 96.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	Qual
7429-90-5	Aluminum	4300			P	J
7440-36-0	Antimony	2.3		N	P	J
7440-38-2	Arsenic	64			P	
7440-39-3	Barium	99			P	
7440-41-7	Beryllium	3.8			P	
7440-43-9	Cadmium	2.7		N	P	J
7440-70-2	Calcium	5900			P	
7440-47-3	Chromium	23		N	P	J
7440-48-4	Cobalt	20			P	
7440-50-8	Copper	340			P	
7439-89-6	Iron	14000			P	
7439-92-1	Lead	100		*	P	J
7439-95-4	Magnesium	690			P	
7439-96-5	Manganese	98			P	
7439-97-6	Mercury	0.10			CV	
7439-98-7	Molybdenum	11		N*	P	J
7440-02-0	Nickel	70			P	
7440-09-7	Potassium	1100			P	
7782-49-2	Selenium	4.7			P	
7440-22-4	Silver	0.51	B	N*	P	J
7440-23-5	Sodium	310			P	
7440-28-0	Thallium	2.5			P	
7440-62-2	Vanadium	45			P	
7440-66-6	Zinc	370		E	P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

18

Comments:

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Savannah Laboratories

TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
WASTE-H-B4, 0-0.5

Contract:

Lab Code: SLSAV Case No.: SAS No.: SDG NO.: SIL003

Matrix (soil/water): SOIL Lab Sample ID: S916433-22

Level (low/med): LOW Date Received: 28-SEP-1999

% Solids: 97.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	Qual
7429-90-5	Aluminum	8500			P	[redacted]
7440-36-0	Antimony	1.5	B	N	P	[redacted]
7440-38-2	Arsenic	13			P	
7440-39-3	Barium	120			P	
7440-41-7	Beryllium	0.73			P	
7440-43-9	Cadmium	22		N	P	[redacted]
7440-70-2	Calcium	42000			P	
7440-47-3	Chromium	20		N	P	[redacted]
7440-48-4	Cobalt	5.4			P	
7440-50-8	Copper	480			P	
7439-89-6	Iron	16000			P	
7439-92-1	Lead	230		*	P	[redacted]
7439-95-4	Magnesium	2500			P	
7439-96-5	Manganese	450			P	
7439-97-6	Mercury	0.77			CV	
7439-98-7	Molybdenum	4.2		X*	P	J [redacted]
7440-02-0	Nickel	23			P	
7440-09-7	Potassium	830			P	
7782-49-2	Selenium	0.42	B		P	J [redacted]
7440-22-4	Silver	2.7		X*	P	J [redacted]
7440-23-5	Sodium	390			P	
7440-28-0	Thallium	0.94	U		P	
7440-62-2	Vanadium	22			P	
7440-66-6	Zinc	3600		E	P	J [redacted]

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

19

Comments:

Form I - IN

SW-846

Savannah Laboratories

TOTAL METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

WASTE-I-B1 (0-0.5

Contract:

Lab Code: SLSAV Case No.: SAS No.: SDG NO.: SIL013

Matrix (soil/water): SOIL Lab Sample ID: S916897A-1

Level (low/med): LOW Date Received: 14-OCT-1999

% Solids: 95.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	5200			P	
7440-36-0	Antimony	2.9		N	P	
7440-38-2	Arsenic	4.9			P	J
7440-39-3	Barium	110			P	
7440-41-7	Beryllium	0.71			P	
7440-43-9	Cadmium	2.2			P	
7440-70-2	Calcium	92000			P	
7440-47-3	Chromium	18		X	P	
7440-48-4	Cobalt	4.8			P	
7440-50-8	Copper	2000		*	P	
7439-89-6	Iron	12000			P	
7439-92-1	Lead	220			P	J
7439-95-4	Magnesium	7600			P	
7439-96-5	Manganese	190		X	P	
7439-97-6	Mercury	0.057			CV	
7439-98-7	Molybdenum	2.7			P	J
7440-02-0	Nickel	20			P	J
7440-09-7	Potassium	1100			P	J
7782-49-2	Selenium	1.1	U		P	
7440-22-4	Silver	3.1			P	J
7440-23-5	Sodium	760		X	P	J
7440-28-0	Thallium	1.1	U		P	
7440-31-5	Tin	52			P	J
7440-62-2	Vanadium	17			P	J
7440-66-6	Zinc	1200			P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: 20 Artifacts:

Comments:

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Savannah Laboratories

TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
WASTE-I-B2 (0-0.5

Contract:

Lab Code: SLSAV Case No.: SAS No.: SDG NO.: SIL013

Matrix (soil/water): SOIL Lab Sample ID: S916897A-2

Level (low/med): LOW Date Received: 14-OCT-1999

% Solids: 90.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	5600			P	[redacted]
7440-36-0	Antimony	8.4		X N	P	[redacted]
7440-38-2	Arsenic	9.7			P	[redacted]
7440-39-3	Barium	740			P	[redacted]
7440-41-7	Beryllium	0.77			P	[redacted]
7440-43-9	Cadmium	31			P	[redacted]
7440-70-2	Calcium	190000			P	[redacted]
7440-47-3	Chromium	37		X	P	[redacted]
7440-48-4	Cobalt	33			P	
7440-50-8	Copper	10000		*	P	[redacted]
7439-89-6	Iron	10000			P	[redacted]
7439-92-1	Lead	1500			P	[redacted]
7439-95-4	Magnesium	11000			P	[redacted]
7439-96-5	Manganese	160		X	P	
7439-97-6	Mercury	2.0			CV	
7439-98-7	Molybdenum	7.5			P	J
7440-02-0	Nickel	42			P	J
7440-09-7	Potassium	1300			P	J
7782-49-2	Selenium	1.6			P	
7440-22-4	Silver	11			P	J
7440-23-5	Sodium	870		X	P	[redacted]
7440-28-0	Thallium	1.0	U		P	
7440-31-5	Tin	380			P	[redacted]
7440-62-2	Vanadium	21			P	J
7440-66-6	Zinc	2800			P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: 21 Artifacts:

Comments:

Savannah Laboratories

TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
WASTE-I-B3 (0-0.5

Contract:

Lab Code: SLSAV Case No.: SAS No.: SDG NO.: SIL013

Matrix (soil/water): SOIL Lab Sample ID: S916897A-3

Level (low/med): LOW Date Received: 14-OCT-1999

% Solids: 92.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	8000			P	J
7440-36-0	Antimony	8.4		N	P	J
7440-38-2	Arsenic	12			P	J
7440-39-3	Barium	190			P	
7440-41-7	Beryllium	1.7			P	J
7440-43-9	Cadmium	9.2			P	J
7440-70-2	Calcium	110000			P	J
7440-47-3	Chromium	65		X	P	J
7440-48-4	Cobalt	8.4			P	
7440-50-8	Copper	13000		*	P	J
7439-89-6	Iron	16000			P	J
7439-92-1	Lead	830			P	J
7439-95-4	Magnesium	12000			P	J
7439-96-5	Manganese	300		X	P	
7439-97-6	Mercury	0.31			CV	
7439-98-7	Molybdenum	8.5			P	J
7440-02-0	Nickel	65			P	J
7440-09-7	Potassium	1500			P	J
7782-49-2	Selenium	1.6			P	
7440-22-4	Silver	19			P	J
7440-23-5	Sodium	440		X	P	J
7440-28-0	Thallium	0.99	U		P	
7440-31-5	Tin	120			P	J
7440-62-2	Vanadium	26			P	J
7440-66-6	Zinc	1300			P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

22

Comments:

Savannah Laboratories

TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
WASTE-I-B4 (0-0.5

Contract:

Lab Code: SLSAV Case No.: SAS No.: SDG NO.: SIL013

Matrix (soil/water): SOIL Lab Sample ID: S916933B-1

Level (low/med): LOW Date Received: 15-OCT-1999

% Solids: 97.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	3300			P	[redacted]
7440-36-0	Antimony	3.8		N	P	[redacted]
7440-38-2	Arsenic	3.9			P	[redacted]
7440-39-3	Barium	75			P	
7440-41-7	Beryllium	0.38			P	[redacted]
7440-43-9	Cadmium	2.1			P	[redacted]
7440-70-2	Calcium	240000			P	[redacted]
7440-47-3	Chromium	11		X	P	[redacted]
7440-48-4	Cobalt	1.8			P	
7440-50-8	Copper	1200		*	P	[redacted]
7439-89-6	Iron	4600			P	[redacted]
7439-92-1	Lead	190			P	[redacted]
7439-95-4	Magnesium	16000			P	[redacted]
7439-96-5	Manganese	150		X	P	
7439-97-6	Mercury	0.047			CV	
7439-98-7	Molybdenum	3.4			P	[redacted]
7440-02-0	Nickel	13			P	[redacted]
7440-09-7	Potassium	900			P	[redacted]
7782-49-2	Selenium	0.44	B		P	[redacted]
7440-22-4	Silver	1.3			P	[redacted]
7440-23-5	Sodium	430		X	P	[redacted]
7440-28-0	Thallium	0.94	U		P	
7440-31-5	Tin	34			P	[redacted]
7440-62-2	Vanadium	9.4			P	[redacted]
7440-66-6	Zinc	310			P	[redacted]

Color Before: Clarity Before: Texture:

Color After: Clarity After: 23 Artifacts:

Comments:

Savannah Laboratories

TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

WASTE-L-B1, 0-0.5

Contract:

Lab Code: SLSAV Case No.: SAS No.: SDG NO.: SIL003

Matrix (soil/water): SOIL Lab Sample ID: S916433-1

Level (low/med): LOW Date Received: 28-SEP-1999

% Solids: 97.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	Qual
7429-90-5	Aluminum	7000			P	J
7440-36-0	Antimony	5.4		N	P	J
7440-38-2	Arsenic	35			P	
7440-39-3	Barium	250			P	
7440-41-7	Beryllium	1.4			P	
7440-43-9	Cadmium	10		N	P	J
7440-70-2	Calcium	29000			P	
7440-47-3	Chromium	79		N	P	J
7440-48-4	Cobalt	17			P	
7440-50-8	Copper	1700			P	
7439-89-6	Iron	32000			P	
7439-92-1	Lead	940		*	P	J
7439-95-4	Magnesium	4200			P	
7439-96-5	Manganese	490			P	
7439-97-6	Mercury	0.56			CV	
7439-98-7	Molybdenum	16		X*	P	J
7440-02-0	Nickel	51			P	
7440-09-7	Potassium	1200			P	
7782-49-2	Selenium	4.3			P	
7440-22-4	Silver	1.2		X*	P	J
7440-23-5	Sodium	400			P	
7440-28-0	Thallium	2.1			P	
7440-62-2	Vanadium	49			P	
7440-66-6	Zinc	870		E	P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: 24 Artifacts:

Comments:

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TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
WASTE-L-22, 0-0.5

Contract:

Lab Code: SLSAV Case No.: SAS No.: SDG NO.: SIL003

Matrix (soil/water): SOIL Lab Sample ID: 8916433-2

Level (low/med): LOW Date Received: 28-SEP-1999

% Solids: 93.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	4900			P	J
7440-36-0	Antimony	3.0		N	P	J
7440-38-2	Arsenic	37			P	
7440-39-3	Barium	150			P	
7440-41-7	Beryllium	1.4			P	
7440-43-9	Cadmium	4.6		N	P	J
7440-70-2	Calcium	20000			P	
7440-47-3	Chromium	35		N	P	J
7440-48-4	Cobalt	15			P	
7440-50-8	Copper	4700			P	
7439-89-6	Iron	24000			P	
7439-92-1	Lead	190		*	P	J
7439-95-4	Magnesium	2100			P	
7439-96-5	Manganese	240			P	
7439-97-6	Mercury	0.24			CV	
7439-98-7	Molybdenum	23		N*	P	J
7440-02-0	Nickel	43			P	
7440-09-7	Potassium	950			P	
7782-49-2	Selenium	4.0			P	
7440-22-4	Silver	0.70	B	N*	P	J
7440-23-5	Sodium	540			P	
7440-28-0	Thallium	1.9			P	
7440-62-2	Vanadium	40			P	
7440-66-6	Zinc	420		E	P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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Form I - IN SW-846

Savannah Laboratories

TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
WASTE-L-B3, 0-0.5

Contract:

Lab Code: SLSAV Case No.: SAS No.: SDG NO.: SIL003

Matrix (soil/water): SOIL Lab Sample ID: S916433-3

Level (low/med): LOW Date Received: 28-SEP-1999

% Solids: 92.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	Qual
7429-90-5	Aluminum	3500			P	J [redacted]
7440-36-0	Antimony	2.7		N	P	[redacted]
7440-38-2	Arsenic	30			P	
7440-39-3	Barium	63			P	
7440-41-7	Beryllium	1.5			P	
7440-43-9	Cadmium	0.71		N	P	[redacted]
7440-70-2	Calcium	2800			P	
7440-47-3	Chromium	17		N	P	[redacted]
7440-48-4	Cobalt	11			P	
7440-50-8	Copper	190			P	
7439-89-6	Iron	7100			P	
7439-92-1	Lead	64		*	P	[redacted]
7439-95-4	Magnesium	340			P	
7439-96-5	Manganese	23			P	
7439-97-6	Mercury	0.039			CV	
7439-98-7	Molybdenum	9.3		X*	P	J [redacted]
7440-02-0	Nickel	38			P	
7440-09-7	Potassium	500			P	
7782-49-2	Selenium	1.8			P	
7440-22-4	Silver	1.1	U	X*	P	UJ [redacted]
7440-23-5	Sodium	210			P	
7440-28-0	Thallium	1.6			P	
7440-62-2	Vanadium	39			P	
7440-66-6	Zinc	160		E	P	J [redacted]

Color Before: Clarity Before: Texture:

26

Color After: Clarity After: Artifacts:

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Comments:

Savannah Laboratories

TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
WASTE-L-B4, 0-0.5

Contract:

Lab Code: SLSAV Case No.: SAS No.: SDG NO.: SIL003

Matrix (soil/water): SOIL Lab Sample ID: S916433-4

Level (low/med): LOW Date Received: 28-SEP-1999

% Solids: 90.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	Qual
7429-90-5	Aluminum	7600			P	J
7440-36-0	Antimony	2.0	B	N	P	J
7440-38-2	Arsenic	31			P	
7440-39-3	Barium	220			P	
7440-41-7	Beryllium	1.6			P	
7440-43-9	Cadmium	7.1		N	P	J
7440-70-2	Calcium	28000			P	
7440-47-3	Chromium	50		N	P	J
7440-48-4	Cobalt	12			P	
7440-50-8	Copper	460			P	
7439-89-6	Iron	29000			P	
7439-92-1	Lead	280		*	P	J
7439-95-4	Magnesium	3300			P	
7439-96-5	Manganese	650			P	
7439-97-6	Mercury	0.35			CV	
7439-98-7	Molybdenum	9.6		X*	P	J
7440-02-0	Nickel	55			P	
7440-09-7	Potassium	1700			P	
7782-49-2	Selenium	2.2			P	
7440-22-4	Silver	0.80	B	X*	P	J
7440-23-5	Sodium	230			P	
7440-28-0	Thallium	1.8			P	
7440-62-2	Vanadium	49			P	
7440-66-6	Zinc	590		E	P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

27

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Excerpt from:

Full Scan Sediments
Polychlorinated Biphenyl Data

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16797-2

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL007

Matrix: (soil/water) SOIL Lab Sample ID: SED-RA1-S2

Sample wt/vol: 30.5 (g/mL) G Lab File ID: K5096

Level: (low/med) LOW Date Received: 10/09/99

% Moisture: 63 decanted: (Y/N) N Date Extracted: 10/12/99

Concentrated Extract Volume: 1 (mL) Date Analyzed: 10/24/99

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	----------Monochlorobiphenyl_____	8.9	U
	----------Dichlorobiphenyl_____	8.9	U
	----------Trichlorobiphenyl_____	8.9	U
	----------Tetrachlorobiphenyl_____	18	U
	----------Pentachlorobiphenyl_____	18	U
	----------Hexachlorobiphenyl_____	18	U
	----------Heptachlorobiphenyl_____	27	U
	----------Octachlorobiphenyl_____	27	U
	----------Nonachlorobibiphenyl_____	45	U
	----------Decachlorobiphenyl_____	45	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16797-1

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL007

Matrix: (soil/water) SOIL Lab Sample ID: SED-RA1-S1

Sample wt/vol: 30.2 (g/mL) G Lab File ID: K5095

Level: (low/med) LOW Date Received: 10/09/99

% Moisture: 44 decanted: (Y/N) N Date Extracted: 10/12/99

Concentrated Extract Volume: 1 (mL) Date Analyzed: 10/24/99

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	5.9	U
	Dichlorobiphenyl	5.9	U
	Trichlorobiphenyl	5.9	U
	Tetrachlorobiphenyl	12	U
	Pentachlorobiphenyl	12	U
	Hexachlorobiphenyl	18	U
	Heptachlorobiphenyl	18	U
	Octachlorobiphenyl	18	U
	Nonachlorobibiphenyl	30	U
	Decachlorobiphenyl	30	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16797-3

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL007

Matrix: (soil/water) SOIL Lab Sample ID: SED-RA2-S1

Sample wt/vol: 30.5 (g/mL) G Lab File ID: K5097

Level: (low/med) LOW Date Received: 10/09/99

% Moisture: 52 decanted: (Y/N) N Date Extracted: 10/12/99

Concentrated Extract Volume: 1(mL) Date Analyzed: 10/24/99

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	6.9	U
	Dichlorobiphenyl	6.9	U
	Trichlorobiphenyl	6.9	U
	Tetrachlorobiphenyl	14	U
	Pentachlorobiphenyl	14	U
	Hexachlorobiphenyl	14	U
	Heptachlorobiphenyl	21	U
	Octachlorobiphenyl	21	U
	Nonachlorobibiphenyl	35	U
	Decachlorobiphenyl	35	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16823A-1

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL010

Matrix: (soil/water) SOIL Lab Sample ID: SED-RA2-S2

Sample wt/vol: 30.2 (g/mL) G Lab File ID: J3410

Level: (low/med) LOW Date Received: 10/12/99

% Moisture: 54 decanted: (Y/N) N Date Extracted: 10/18/99

Concentrated Extract Volume: 1 (mL) Date Analyzed: 10/24/99

Injection Volume: _____ (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	7.1	U
	Dichlorobiphenyl	7.1	U
	Trichlorobiphenyl	7.1	U
	Tetrachlorobiphenyl	14	U
	Pentachlorobiphenyl	14	U
	Hexachlorobiphenyl	14	U
	Heptachlorobiphenyl	22	U
	Octachlorobiphenyl	22	U
	Nonachlorobibiphenyl	36	U
	Decachlorobiphenyl	36	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16640-1

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL005

Matrix: (soil/water) SOIL Lab Sample ID: SED-CSB-S1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K5032

Level: (low/med) LOW Date Received: 10/06/99

% Moisture: 60 decanted: (Y/N) N Date Extracted: 10/08/99

Concentrated Extract Volume: 1(mL) Date Analyzed: 10/14/99

Injection Volume: _____(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	Qual
	Monochlorobiphenyl	500	U	
	Dichlorobiphenyl	500	U	
	Trichlorobiphenyl	34000		
	Tetrachlorobiphenyl	88000		
	Pentachlorobiphenyl	34000		
	Hexachlorobiphenyl	5200		
	Heptachlorobiphenyl	980	J	J
	Octachlorobiphenyl	1500	U	
	Nonachlorobibiphenyl	2500	U	
	Decachlorobiphenyl	2500	U	

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16640-2

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL005

Matrix: (soil/water) SOIL Lab Sample ID: SED-CSB-S2

Sample wt/vol: 5.2 (g/mL) G Lab File ID: K5033

Level: (low/med) LOW Date Received: 10/06/99

% Moisture: 60 decanted: (Y/N) N Date Extracted: 10/08/99

Concentrated Extract Volume: 1 (mL) Date Analyzed: 10/14/99

Injection Volume: _____(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	500	U
	Dichlorobiphenyl	640	
	Trichlorobiphenyl	30000	
	Tetrachlorobiphenyl	98000	
	Pentachlorobiphenyl	66000	
	Hexachlorobiphenyl	21000	
	Heptachlorobiphenyl	5300	
	Octachlorobiphenyl	1800	
	Nonachlorobibiphenyl	2500	U
	Decachlorobiphenyl	3400	

Qual

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16640-3

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL005

Matrix: (soil/water) SOIL Lab Sample ID: SED-CSB-S3

Sample wt/vol: 5.2 (g/mL) G Lab File ID: K5034

Level: (low/med) LOW Date Received: 10/06/99

% Moisture: 70 decanted: (Y/N) N Date Extracted: 10/08/99

Concentrated Extract Volume: 1(mL) Date Analyzed: 10/14/99

Injection Volume: _____(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	670	U
	Dichlorobiphenyl	500	J
	Trichlorobiphenyl	11000	
	Tetrachlorobiphenyl	26000	
	Pentachlorobiphenyl	19000	
	Hexachlorobiphenyl	7600	
	Heptachlorobiphenyl	1300	J
	Octachlorobiphenyl	2000	U
	Nonachlorobibiphenyl	3400	U
	Decachlorobiphenyl	2300	J

Qual

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16604-1

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL005

Matrix: (soil/water) SOIL Lab Sample ID: SED-CSC-S1-0.2'

Sample wt/vol: 30.5 (g/mL) G Lab File ID: K5109

Level: (low/med) LOW Date Received: 10/05/99

% Moisture: 71 decanted: (Y/N) N Date Extracted: 10/19/99

Concentrated Extract Volume: 1 (mL) Date Analyzed: 10/26/99

Injection Volume: _____(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	Qual
	Monochlorobiphenyl	57	U	
	Dichlorobiphenyl	57	U	
	Trichlorobiphenyl	57	U	
	Tetrachlorobiphenyl	110	U	
	Pentachlorobiphenyl	110	U	
	Hexachlorobiphenyl	160		
	Heptachlorobiphenyl	170	U	
	Octachlorobiphenyl	170	U	
	Nonachlorobibiphenyl	290	U	
	Decachlorobiphenyl	290	U	

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16604-2

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL005

Matrix: (soil/water) SOIL Lab Sample ID: SED-CSC-S2-0.2'

Sample wt/vol: 5.1 (g/mL) G Lab File ID: K5025

Level: (low/med) LOW Date Received: 10/05/99

% Moisture: 65 decanted: (Y/N) N Date Extracted: 10/08/99

Concentrated Extract Volume: 1(mL) Date Analyzed: 10/13/99

Injection Volume: _____(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	Qual
	Monochlorobiphenyl	570	U	
	Dichlorobiphenyl	570	U	
	Trichlorobiphenyl	570	U	
	Tetrachlorobiphenyl	1200	U	
	Pentachlorobiphenyl	2200		
	Hexachlorobiphenyl	720	J	
	Heptachlorobiphenyl	1700	U	
	Octachlorobiphenyl	1700	U	
	Nonachlorobibiphenyl	2900	U	
	Decachlorobiphenyl	2900	U	

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16604-3

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL005

Matrix: (soil/water) SOIL Lab Sample ID: SED-CSC-S3-0.2'

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K5040

Level: (low/med) LOW Date Received: 10/05/99

% Moisture: 74 decanted: (Y/N) N Date Extracted: 10/08/99

Concentrated Extract Volume: 1 (mL) Date Analyzed: 10/14/99

Injection Volume: _____ (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	Qual
	Monochlorobiphenyl	770	U	
	Dichlorobiphenyl	770	U	
	Trichlorobiphenyl	770	U	
	Tetrachlorobiphenyl	1600	U	
	Pentachlorobiphenyl	2600		
	Hexachlorobiphenyl	2000		
	Heptachlorobiphenyl	2300	U	
	Octachlorobiphenyl	2300	U	
	Nonachlorobibiphenyl	3900	U	
	Decachlorobiphenyl	3900	U	

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16604-4

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL005

Matrix: (soil/water) SOIL Lab Sample ID: SED-CSD-S1-0.2'

Sample wt/vol: 5.2 (g/mL) G Lab File ID: K5041

Level: (low/med) LOW Date Received: 10/05/99

% Moisture: 77 decanted: (Y/N) N Date Extracted: 10/08/99

Concentrated Extract Volume: 1(mL) Date Analyzed: 10/14/99

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	Qual
	Monochlorobiphenyl	87	U	UJ
	Dichlorobiphenyl	87	U	
	Trichlorobiphenyl	87	U	
	Tetrachlorobiphenyl	180	U	
	Pentachlorobiphenyl	430		J
	Hexachlorobiphenyl	97	J	
	Heptachlorobiphenyl	260	U	UJ
	Octachlorobiphenyl	260	U	
	Nonachlorobibiphenyl	440	U	
	Decachlorobiphenyl	170	J	J

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16604-19

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL005

Matrix: (soil/water) SOIL Lab Sample ID: SED-CSD-S2-0.2'

Sample wt/vol: 5.2 (g/mL) G Lab File ID: K5042

Level: (low/med) LOW Date Received: 10/05/99

% Moisture: 79 decanted: (Y/N) N Date Extracted: 10/08/99

Concentrated Extract Volume: 1(mL) Date Analyzed: 10/14/99

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	Qual
	Monochlorobiphenyl	96	U	UJ
	Dichlorobiphenyl	96	U	↓
	Trichlorobiphenyl	96	U	↓
	Tetrachlorobiphenyl	190	U	↓
	Pentachlorobiphenyl	520		J
	Hexachlorobiphenyl	400		J
	Heptachlorobiphenyl	290	U	UJ
	Octachlorobiphenyl	290	U	↓
	Nonachlorobibiphenyl	480	U	↓
	Decachlorobiphenyl	230	J	J

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16604-20

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL005

Matrix: (soil/water) SOIL Lab Sample ID: SED-CSD-S3-0.2'

Sample wt/vol: 5.2 (g/mL) G Lab File ID: K5043

Level: (low/med) LOW Date Received: 10/05/99

% Moisture: 66 decanted: (Y/N) N Date Extracted: 10/08/99

Concentrated Extract Volume: 1(mL) Date Analyzed: 10/14/99

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	Qual
	Monochlorobiphenyl	59	U	
	Dichlorobiphenyl	59	U	
	Trichlorobiphenyl	59	U	
	Tetrachlorobiphenyl	120	U	
	Pentachlorobiphenyl	480		J
	Hexachlorobiphenyl	250		J
	Heptachlorobiphenyl	180	U	
	Octachlorobiphenyl	180	U	
	Nonachlorobibiphenyl	300	U	
	Decachlorobiphenyl	300	U	

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16704-1

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL007

Matrix: (soil/water) SOIL Lab Sample ID: SED-CSE-S1

Sample wt/vol: 30.2 (g/mL) G Lab File ID: K5076

Level: (low/med) LOW Date Received: 10/08/99

% Moisture: 72 decanted: (Y/N) N Date Extracted: 10/12/99

Concentrated Extract Volume: 1 (mL) Date Analyzed: 10/22/99

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	12	U
	Dichlorobiphenyl	12	U
	Trichlorobiphenyl	9.2	J
	Tetrachlorobiphenyl	60	
	Pentachlorobiphenyl	650	
	Hexachlorobiphenyl	130	
	Heptachlorobiphenyl	49	
	Octachlorobiphenyl	36	U
	Nonachlorobibiphenyl	60	U
	Decachlorobiphenyl	140	

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16704-3

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL007

Matrix: (soil/water) SOIL Lab Sample ID: BPL-ESED-S1

Sample wt/vol: 30.2 (g/mL) G Lab File ID: K5108

Level: (low/med) LOW Date Received: 10/08/99

% Moisture: 64 decanted: (Y/N) N Date Extracted: 10/12/99

Concentrated Extract Volume: 1 (mL) Date Analyzed: 10/26/99

Injection Volume: _____(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	46	U
	Dichlorobiphenyl	46	U
	Trichlorobiphenyl	46	U
	Tetrachlorobiphenyl	95	U
	Pentachlorobiphenyl	95	U
	Hexachlorobiphenyl	95	U
	Heptachlorobiphenyl	140	U
	Octachlorobiphenyl	140	U
	Nonachlorobibiphenyl	230	U
	Decachlorobiphenyl	230	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16769-4

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL007

Matrix: (soil/water) SOIL Lab Sample ID: BPL-ESED-S2

Sample wt/vol: 30.0 (g/mL) G Lab File ID: J3385

Level: (low/med) LOW Date Received: 10/08/99

% Moisture: 66 decanted: (Y/N) N Date Extracted: 10/12/99

Concentrated Extract Volume: 1(mL) Date Analyzed: 10/19/99

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	9.7	U
	Dichlorobiphenyl	9.7	U
	Trichlorobiphenyl	9.7	U
	Tetrachlorobiphenyl	20	U
	Pentachlorobiphenyl	20	U
	Hexachlorobiphenyl	20	U
	Heptachlorobiphenyl	29	U
	Octachlorobiphenyl	29	U
	Nonachlorobibiphenyl	49	U
	Decachlorobiphenyl	49	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16704-19

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL007

Matrix: (soil/water) SOIL Lab Sample ID: BPL-ESED-S3

Sample wt/vol: 30.2 (g/mL) G Lab File ID: J3378

Level: (low/med) LOW Date Received: 10/08/99

% Moisture: 64 decanted: (Y/N) N Date Extracted: 10/12/99

Concentrated Extract Volume: 1 (mL) Date Analyzed: 10/19/99

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	----------Monochlorobiphenyl_____	9.2	U
	----------Dichlorobiphenyl_____	9.2	U
	----------Trichlorobiphenyl_____	9.2	U
	----------Tetrachlorobiphenyl_____	19	U
	----------Pentachlorobiphenyl_____	19	U
	----------Hexachlorobiphenyl_____	19	U
	----------Heptachlorobiphenyl_____	28	U
	----------Octachlorobiphenyl_____	28	U
	----------Nonachlorobibiphenyl_____	46	U
	----------Decachlorobiphenyl_____	46	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16769-1

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL007

Matrix: (soil/water) SOIL Lab Sample ID: SED-CSF-S1

Sample wt/vol: 30.2 (g/mL) G Lab File ID: J3382

Level: (low/med) LOW Date Received: 10/08/99

% Moisture: 57 decanted: (Y/N) N Date Extracted: 10/12/99

Concentrated Extract Volume: 1 (mL) Date Analyzed: 10/19/99

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	7.7	U
	Dichlorobiphenyl	7.7	U
	Trichlorobiphenyl	7.7	U
	Tetrachlorobiphenyl	16	U
	Pentachlorobiphenyl	~~49~~ 46	
	Hexachlorobiphenyl	22	
	Heptachlorobiphenyl	23	U
	Octachlorobiphenyl	23	U
	Nonachlorobibiphenyl	39	U
	Decachlorobiphenyl	39	U

Revised

FORM 1 2/29/00 CLIENT SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

16769-1

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL007

Matrix: (soil/water) SOIL Lab Sample ID: SED-CSF-S1

Sample wt/vol: 30.2 (g/mL) G Lab File ID: J3382

Level: (low/med) LOW Date Received: 10/08/99

% Moisture: 57 decanted: (Y/N) N Date Extracted:10/12/99

Concentrated Extract Volume: 1(mL) Date Analyzed: 10/19/99

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	7.7	U
	Dichlorobiphenyl	7.7	U
	Trichlorobiphenyl	7.7	U
	Tetrachlorobiphenyl	16	U
	Pentachlorobiphenyl	61	
	Hexachlorobiphenyl	22	
	Heptachlorobiphenyl	23	U
	Octachlorobiphenyl	23	U
	Nonachlorobibiphenyl	39	U
	Decachlorobiphenyl	39	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16769-2

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL007

Matrix: (soil/water) SOIL Lab Sample ID: SED-CSF-S2

Sample wt/vol: 30.2 (g/mL) G Lab File ID: J3383

Level: (low/med) LOW Date Received: 10/08/99

% Moisture: 81 decanted: (Y/N) N Date Extracted: 10/12/99

Concentrated Extract Volume: 1(mL) Date Analyzed: 10/19/99

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	17	U
	Dichlorobiphenyl	17	U
	Trichlorobiphenyl	17	U
	Tetrachlorobiphenyl	35	U
	Pentachlorobiphenyl	66	
	Hexachlorobiphenyl	17	
	Heptachlorobiphenyl	53	U
	Octachlorobiphenyl	53	U
	Nonachlorobibiphenyl	88	U
	Decachlorobiphenyl	88	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16769-3

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL007

Matrix: (soil/water) SOIL Lab Sample ID: SED-CSF-S3

Sample wt/vol: 30.7 (g/mL) G Lab File ID: K5080

Level: (low/med) LOW Date Received: 10/08/99

% Moisture: 73 decanted: (Y/N) N Date Extracted: 10/12/99

Concentrated Extract Volume: 1(mL) Date Analyzed: 10/22/99

Injection Volume: _____(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	60	U
	Dichlorobiphenyl	60	U
	Trichlorobiphenyl	60	U
	Tetrachlorobiphenyl	120	U
	Pentachlorobiphenyl	120	U
	Hexachlorobiphenyl	120	U
	Heptachlorobiphenyl	180	U
	Octachlorobiphenyl	180	U
	Nonachlorobibiphenyl	310	U
	Decachlorobiphenyl	310	U

Excerpt from:

Full Scan Sediments Metals Data

Savannah Laboratories

TOTAL METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SED-RA1-S1

Contract:

Lab Code: SAVLAB Case No.: SAS No.: SDG NO.: SIL007

Matrix (soil/water): SOIL Lab Sample ID: S916797-1

Level (low/med): LOW Date Received: 09-OCT-1999

% Solids: 56.0 OK

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	15000			P	J
7440-36-0	Antimony	3.6	U	N*	[redacted]	
7440-38-2	Arsenic	8.0			P	
7440-39-3	Barium	230			P	J
7440-41-7	Beryllium	0.80			P	
7440-43-9	Cadmium	0.38	B		P	J
7440-70-2	Calcium	18000			P	J
7440-47-3	Chromium	21			P	J
7440-48-4	Cobalt	9.8			P	
7440-50-8	Copper	20			P	J
7439-89-6	Iron	22000			P	J
7439-92-1	Lead	23			P	J
7439-95-4	Magnesium	6500			P	
7439-96-5	Manganese	720			P	J
7439-97-6	Mercury	0.042			CV	
7439-98-7	Molybdenum	0.37	B		P	J
7440-02-0	Nickel	23			P	
7440-09-7	Potassium	2300		X	P	
7782-49-2	Selenium	1.8	U		P	
7440-22-4	Silver	1.8	U		P	
7440-23-5	Sodium	150			[redacted]	
7440-28-0	Thallium	1.8	U		P	
7440-31-5	Tin	8.9	U		P	
7440-62-2	Vanadium	36			P	
7440-66-6	Zinc	95		E	P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments: 51

Savannah Laboratories

TOTAL METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SED-RA1-S2

Contract:

Lab Code: SAVLAB Case No.: SAS No.: SDG NO.: SIL007

Matrix (soil/water): SOIL Lab Sample ID: S916797-2

Level (low/med): LOW Date Received: 09-OCT-1999

% Solids: 37.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	12000			P	J
7440-36-0	Antimony	1.3	B	N*	P	
7440-38-2	Arsenic	7.0			P	
7440-39-3	Barium	210			P	
7440-41-7	Beryllium	0.70	B		P	
7440-43-9	Cadmium	0.34	B		P	
7440-70-2	Calcium	12000			P	
7440-47-3	Chromium	17			P	
7440-48-4	Cobalt	7.1			P	
7440-50-8	Copper	17			P	
7439-89-6	Iron	19000			P	
7439-92-1	Lead	22			P	
7439-95-4	Magnesium	5000			P	
7439-96-5	Manganese	770			P	
7439-97-6	Mercury	0.063			CV	
7439-98-7	Molybdenum	0.49	B		P	
7440-02-0	Nickel	19			P	
7440-09-7	Potassium	1900		K	P	
7782-49-2	Selenium	2.5	U		P	[redacted]
7440-22-4	Silver	2.5	U		P	[redacted]
7440-23-5	Sodium	180			[redacted]	
7440-28-0	Thallium	2.5	U		[redacted]	
7440-31-5	Tin	12	U		[redacted]	
7440-62-2	Vanadium	30			P	J
7440-66-6	Zinc	82		E	P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

52

Savannah Laboratories

TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
SED-RA2-S1

Contract:

Lab Code: SAVLAB Case No.: SAS No.: SDG NO.: SIL007

Matrix (soil/water): SOIL Lab Sample ID: S916797-3

Level (low/med): LOW Date Received: 09-OCT-1999

% Solids: 48.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	11000			P	J
7440-36-0	Antimony	1.0	B	N*	P	
7440-38-2	Arsenic	6.5			P	
7440-39-3	Barium	160			P	
7440-41-7	Beryllium	0.60	B		P	
7440-43-9	Cadmium	0.26	B		P	
7440-70-2	Calcium	11000			P	
7440-47-3	Chromium	16			P	
7440-48-4	Cobalt	7.3			P	
7440-50-8	Copper	16			P	
7439-89-6	Iron	17000			P	
7439-92-1	Lead	16			P	
7439-95-4	Magnesium	3100			P	
7439-96-5	Manganese	560			P	
7439-97-6	Mercury	0.046			CV	
7439-98-7	Molybdenum	0.35	B		P	
7440-02-0	Nickel	17			P	
7440-09-7	Potassium	1500		X	P	
7782-49-2	Selenium	1.9	U		P	[redacted]
7440-22-4	Silver	1.9	U		P	[redacted]
7440-23-5	Sodium	140			[redacted]	
7440-28-0	Thallium	1.9	U		[redacted]	
7440-31-5	Tin	9.5	U		[redacted]	
7440-62-2	Vanadium	28			P	J
7440-66-6	Zinc	57		E	P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

53

Savannah Laboratories

TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
SED-RA2-S2

Contract:

Lab Code: SAVLAB Case No.: SAS No.: SDG NO.: SIL010

Matrix (soil/water): SOIL Lab Sample ID: S916823A-1

Level (low/med): LOW Date Received: 12-OCT-1999

% Solids: 46.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	19000			P	J
7440-36-0	Antimony	4.0	U	N*	P	R
7440-38-2	Arsenic	7.0			P	J
7440-39-3	Barium	220			P	
7440-41-7	Beryllium	1.0			P	
7440-43-9	Cadmium	0.65	B		P	
7440-70-2	Calcium	12000			P	
7440-47-3	Chromium	25			P	
7440-48-4	Cobalt	10		E	P	
7440-50-8	Copper	23			P	
7439-89-6	Iron	24000			P	
7439-92-1	Lead	26			P	
7439-95-4	Magnesium	5800			P	
7439-96-5	Manganese	770			P	
7439-97-6	Mercury	0.040			CV	
7439-98-7	Molybdenum	0.53	B		P	
7440-02-0	Nickel	26			P	
7440-09-7	Potassium	2600		E	P	
7782-49-2	Selenium	2.0	U		P	UJ
7440-22-4	Silver	2.0	U		P	UJ
7440-23-5	Sodium	210			P	[redacted]
7440-28-0	Thallium	2.0	U		P	UJ
7440-31-5	Tin	9.9	U		P	UJ
7440-62-2	Vanadium	44			P	J
7440-66-6	Zinc	96		E	P	J

modified 7/3/00 (MI)

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

54

~~000013~~

TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
SED-CSB-S1

Contract:

Lab Code: SLSAV Case No.: SAS No.: SDG NO.: SIL005

Matrix (soil/water): SOIL Lab Sample ID: S916640-1

Level (low/med): LOW Date Received: 07-OCT-1999

% Solids: 40.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	Qual
7429-90-5	Aluminum	6900			P	J
7440-36-0	Antimony	9.2		N*	P	
7440-38-2	Arsenic	35			P	
7440-39-3	Barium	950			P	
7440-41-7	Beryllium	1.0	B		P	[redacted]
7440-43-9	Cadmium	17			P	J
7440-70-2	Calcium	180000			P	
7440-47-3	Chromium	49			P	
7440-48-4	Cobalt	7.2			P	
7440-50-8	Copper	5100			P	
7439-89-6	Iron	14000			P	
7439-92-1	Lead	630			P	
7439-95-4	Magnesium	20000			P	
7439-96-5	Manganese	250			P	
7439-97-6	Mercury	0.96		X	CV	
7439-98-7	Molybdenum	7.2			P	
7440-02-0	Nickel	88			P	
7440-09-7	Potassium	1700		N	P	
7782-49-2	Selenium	4.1			P	
7440-22-4	Silver	6.7			P	
7440-23-5	Sodium	340			P	[redacted]
7440-28-0	Thallium	2.5	U		P	[redacted]
7440-62-2	Vanadium	29			P	J
7440-66-6	Zinc	2000			P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

55

~~000015~~

TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
SED-CSB-S2

Contract:

Lab Code: SLSAV Case No.: SAS No.: SDG NO.: SIL005

Matrix (soil/water): SOIL Lab Sample ID: S916640-2

Level (low/med): LOW Date Received: 07-OCT-1999

% Solids: 40.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	Qual
7429-90-5	Aluminum	8300			P	J
7440-36-0	Antimony	6.3		N*	P	
7440-38-2	Arsenic	38			P	
7440-39-3	Barium	3300			P	
7440-41-7	Beryllium	1.0			[redacted]	
7440-43-9	Cadmium	25			P	J
7440-70-2	Calcium	87000			P	
7440-47-3	Chromium	76			P	
7440-48-4	Cobalt	9.9			P	
7440-50-8	Copper	11000			P	
7439-89-6	Iron	29000			P	
7439-92-1	Lead	1000			P	
7439-95-4	Magnesium	10000			P	
7439-96-5	Manganese	210			P	
7439-97-6	Mercury	1.5		N	CV	
7439-98-7	Molybdenum	4.3			P	
7440-02-0	Nickel	500			P	
7440-09-7	Potassium	1700		N	P	
7782-49-2	Selenium	5.1	B		P	
7440-22-4	Silver	15			P	
7440-23-5	Sodium	270			[redacted]	
7440-28-0	Thallium	2.3	U		[redacted]	
7440-62-2	Vanadium	37			P	J
7440-66-6	Zinc	7900			P	

Color Before: Clarity Before: Texture:

Color After: Clarity After: 54 Artifacts:

Comments: ~~000016~~

TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SED-CSB-S3

Contract:

Lab Code: SLSAV Case No.: SAS No.: SDG NO.: SIL005

Matrix (soil/water): SOIL Lab Sample ID: S916640-3

Level (low/med): LOW Date Received: 07-OCT-1999

% Solids: 30.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	Qual
7429-90-5	Aluminum	12000			P	J
7440-36-0	Antimony	6.8		N*	P	
7440-38-2	Arsenic	25			P	
7440-39-3	Barium	1700			P	
7440-41-7	Beryllium	1.2	B		[redacted]	
7440-43-9	Cadmium	25			P	J
7440-70-2	Calcium	100000			P	
7440-47-3	Chromium	78			P	
7440-48-4	Cobalt	12			P	
7440-50-8	Copper	6700			P	
7439-89-6	Iron	25000			P	
7439-92-1	Lead	750			P	
7439-95-4	Magnesium	11000			P	
7439-96-5	Manganese	230			P	
7439-97-6	Mercury	1.4		N	CV	
7439-98-7	Molybdenum	4.8			P	
7440-02-0	Nickel	380			P	
7440-09-7	Potassium	2400		N	P	
7782-49-2	Selenium	3.5	B		P	
7440-22-4	Silver	8.9			P	
7440-23-5	Sodium	290			[redacted]	
7440-28-0	Thallium	2.1	B		P	J
7440-62-2	Vanadium	41			P	J
7440-66-6	Zinc	4800			P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: 57 Artifacts:

Comments: ~~000017~~

TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
SED-CSC-S1-0.2

Contract:

Lab Code: SLSAV Case No.: SAS No.: SDG NO.: SIL005

Matrix (soil/water): SOIL Lab Sample ID: S916604-1

Level (low/med): LOW Date Received: 05-OCT-1999

% Solids: 29.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Qual

CAS No.	Analyte	Concentration	C	Q	M	Qual
7429-90-5	Aluminum	15000			P	J
7440-36-0	Antimony	1.8	B	N*	P	
7440-38-2	Arsenic	28			P	
7440-39-3	Barium	470			P	
7440-41-7	Beryllium	1.2	B		P	
7440-43-9	Cadmium	20			P	J
7440-70-2	Calcium	28000			P	
7440-47-3	Chromium	50			P	
7440-48-4	Cobalt	17			P	J
7440-50-8	Copper	1400			P	
7439-89-6	Iron	27000			P	
7439-92-1	Lead	270			P	
7439-95-4	Magnesium	5500			P	J
7439-96-5	Manganese	290			P	J
7439-97-6	Mercury	0.66		X	CV	
7439-98-7	Molybdenum	3.4			P	J
7440-02-0	Nickel	370			P	J
7440-09-7	Potassium	3000		N	P	J
7782-49-2	Selenium	2.8	B		P	
7440-22-4	Silver	1.2	B		P	J
7440-23-5	Sodium	300			P	
7440-28-0	Thallium	3.1	U		P	
7440-62-2	Vanadium	48			P	J
7440-66-6	Zinc	2900			P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

58

Comments:

TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
SED-CSC-S2-0.2'

Contract:

Lab Code: SLSAV Case No.: SAS No.: SDG NO.: SIL005

Matrix (soil/water): SOIL Lab Sample ID: S916604-2

Level (low/med): LOW Date Received: 05-OCT-1999

% Solids: 35.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG Qual

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	12000			P	J
7440-36-0	Antimony	1.3	B	N*	P	
7440-38-2	Arsenic	17			P	
7440-39-3	Barium	680			P	
7440-41-7	Beryllium	0.93	B		P	[redacted]
7440-43-9	Cadmium	19			P	J
7440-70-2	Calcium	23000			P	
7440-47-3	Chromium	93			P	
7440-48-4	Cobalt	12			P	
7440-50-8	Copper	2200			P	
7439-89-6	Iron	21000			P	
7439-92-1	Lead	330			P	
7439-95-4	Magnesium	3600			P	
7439-96-5	Manganese	240			P	
7439-97-6	Mercury	0.64		X	CV	
7439-98-7	Molybdenum	2.2	B		P	M J
7440-02-0	Nickel	580			P	
7440-09-7	Potassium	2400		N	P	
7782-49-2	Selenium	13	U		P	
7440-22-4	Silver	1.8	B		P	
7440-23-5	Sodium	320			P	[redacted]
7440-28-0	Thallium	2.6	U		P	[redacted]
7440-62-2	Vanadium	36			P	J
7440-66-6	Zinc	4500			P	

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

59

~~000010~~

TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SED-CSC-S3-0.2

Contract:

Lab Code: SLSAV Case No.: SAS No.: SDG NO.: SIL005

Matrix (soil/water): SOIL Lab Sample ID: S916604-3

Level (low/med): LOW Date Received: 05-OCT-1999

% Solids: 26.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	Qual
7429-90-5	Aluminum	9700			P	J
7440-36-0	Antimony	2.2	B	N*	P	
7440-38-2	Arsenic	16			P	
7440-39-3	Barium	800			P	
7440-41-7	Beryllium	1.0	B		P	[redacted]
7440-43-9	Cadmium	16			P	J
7440-70-2	Calcium	47000			P	
7440-47-3	Chromium	47			P	
7440-48-4	Cobalt	9.7			P	
7440-50-8	Copper	2100			P	
7439-89-6	Iron	24000			P	
7439-92-1	Lead	480			P	
7439-95-4	Magnesium	6400			P	
7439-96-5	Manganese	330			P	
7439-97-6	Mercury	0.58		N	CV	
7439-98-7	Molybdenum	1.7	B		P	[redacted]
7440-02-0	Nickel	550			P	J
7440-09-7	Potassium	2100		N	P	J
7782-49-2	Selenium	2.4	B		P	[redacted]
7440-22-4	Silver	1.6	B		P	
7440-23-5	Sodium	340			P	[redacted]
7440-28-0	Thallium	3.5	U		P	[redacted]
7440-62-2	Vanadium	34			P	J
7440-66-6	Zinc	3300			P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: 60 Artifacts:

Comments:

~~000011~~

TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
SED-CSD-S1-0.2'

Contract:

Lab Code: SLSAV Case No.: SAS No.: SDG NO.: SIL005

Matrix (soil/water): SOIL Lab Sample ID: S916604-4

Level (low/med): LOW Date Received: 05-OCT-1999

% Solids: 23.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	Qual
7429-90-5	Aluminum	13000			P	J
7440-36-0	Antimony	8.7	U	N*	P	[redacted]
7440-38-2	Arsenic	16			P	J
7440-39-3	Barium	380			P	
7440-41-7	Beryllium	1.2	B		P	[redacted]
7440-43-9	Cadmium	15			P	
7440-70-2	Calcium	28000			P	
7440-47-3	Chromium	56			P	
7440-48-4	Cobalt	12			P	
7440-50-8	Copper	740			P	
7439-89-6	Iron	22000			P	
7439-92-1	Lead	260			P	
7439-95-4	Magnesium	6700			P	
7439-96-5	Manganese	250			P	
7439-97-6	Mercury	0.50		X	CV	
7439-98-7	Molybdenum	3.0	B		P	[redacted]
7440-02-0	Nickel	260			P	
7440-09-7	Potassium	2900		N	P	
7782-49-2	Selenium	2.0	B		P	[redacted]
7440-22-4	Silver	4.3	U		P	[redacted]
7440-23-5	Sodium	240			P	[redacted]
7440-28-0	Thallium	4.3	U		P	[redacted]
7440-62-2	Vanadium	44			P	J
7440-66-6	Zinc	2500			P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

61

~~000012~~

Comments:

TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
SED-CSD-S2-0.2

Contract:

Lab Code: SLSAV Case No.: SAS No.: SDG NO.: SIL005

Matrix (soil/water): SOIL Lab Sample ID: S916604-19

Level (low/med): LOW Date Received: 05-OCT-1999

% Solids: 21.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	Qual
7429-90-5	Aluminum	16000			P	J
7440-36-0	Antimony	8.7	U	N*	P	[redacted]
7440-38-2	Arsenic	17			P	J
7440-39-3	Barium	400			P	[redacted]
7440-41-7	Beryllium	1.3	B		P	[redacted]
7440-43-9	Cadmium	13			P	J
7440-70-2	Calcium	30000			P	
7440-47-3	Chromium	60			P	
7440-48-4	Cobalt	12			P	
7440-50-8	Copper	730			P	
7439-89-6	Iron	25000			P	
7439-92-1	Lead	230			P	
7439-95-4	Magnesium	7500			P	
7439-96-5	Manganese	320			P	
7439-97-6	Mercury	0.42		X	CV	
7439-98-7	Molybdenum	2.6	B		P	[redacted]
7440-02-0	Nickel	260			P	J
7440-09-7	Potassium	3200		N	P	
7782-49-2	Selenium	2.5	B		P	[redacted]
7440-22-4	Silver	4.3	U		P	[redacted]
7440-23-5	Sodium	250			P	[redacted]
7440-28-0	Thallium	4.3	U		P	[redacted]
7440-62-2	Vanadium	51			P	J
7440-66-6	Zinc	2700			P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: 62 Artifacts:

Comments: ~~000013~~

TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
SED-CSD-S3-0.2'

Contract:

Lab Code: SLSAV Case No.: SAS No.: SDG NO.: SIL005

Matrix (soil/water): SOIL Lab Sample ID: S916604-20

Level (low/med): LOW Date Received: 05-OCT-1999

% Solids: 34.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	Qual
7429-90-5	Aluminum	13000			P	J
7440-36-0	Antimony	5.9	U	N*	P	[redacted]
7440-38-2	Arsenic	10			P	J
7440-39-3	Barium	310			P	J
7440-41-7	Beryllium	1.0	B		[redacted]	
7440-43-9	Cadmium	10			P	
7440-70-2	Calcium	26000			P	
7440-47-3	Chromium	67			P	
7440-48-4	Cobalt	8.8			P	
7440-50-8	Copper	320			P	
7439-89-6	Iron	19000			P	
7439-92-1	Lead	170			P	
7439-95-4	Magnesium	6600			P	
7439-96-5	Manganese	270			P	
7439-97-6	Mercury	0.35		X	CV	
7439-98-7	Molybdenum	1.7	B		[redacted]	
7440-02-0	Nickel	150			P	J
7440-09-7	Potassium	2700		N	P	J
7782-49-2	Selenium	2.9	U		[redacted]	
7440-22-4	Silver	2.9	U		[redacted]	
7440-23-5	Sodium	190			P [redacted]	
7440-28-0	Thallium	2.9	U		[redacted]	
7440-62-2	Vanadium	37			P	J
7440-66-6	Zinc	1800			P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

63

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Savannah Laboratories

TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
SED-CSE-S1

Contract:

Lab Code: SAVLAB Case No.: SAS No.: SDG NO.: SIL007

Matrix (soil/water): SOIL Lab Sample ID: S916704-1

Level (low/med): LOW Date Received: ~~08~~ 07-OCT-1999

% Solids: 28.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15000			P
7440-36-0	Antimony	2.7	B	N*	P
7440-38-2	Arsenic	16			P
7440-39-3	Barium	340			P
7440-41-7	Beryllium	0.84	B		P
7440-43-9	Cadmium	14			P
7440-70-2	Calcium	43000			P
7440-47-3	Chromium	71			P
7440-48-4	Cobalt	10			P
7440-50-8	Copper	570			P
7439-89-6	Iron	24000			P
7439-92-1	Lead	310			P
7439-95-4	Magnesium	9200			P
7439-96-5	Manganese	310			P
7439-97-6	Mercury	0.51			CV
7439-98-7	Molybdenum	2.6	B		P
7440-02-0	Nickel	190			P
7440-09-7	Potassium	3100		X	P
7782-49-2	Selenium	2.6	B		P
7440-22-4	Silver	1.1	B		P
7440-23-5	Sodium	250			P
7440-28-0	Thallium	1.9	B		P
7440-31-5	Tin	19			P
7440-62-2	Vanadium	51			P
7440-66-6	Zinc	2300		E	P

J

Color Before: Clarity Before: Texture:

Color After: Clarity After: 64 Artifacts:

Comments:

Savannah Laboratories

TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SED-CSE-S2

Contract:

Lab Code: SAVLAB Case No.: SAS No.: SDG NO.: SIL007

Matrix (soil/water): SOIL Lab Sample ID: S916704-2

Level (low/med): LOW Date Received: ~~08~~ 08-OCT-1999

% Solids: 38.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	13000			P
7440-36-0	Antimony	2.0	B	N*	P
7440-38-2	Arsenic	12			P
7440-39-3	Barium	290			P
7440-41-7	Beryllium	0.75	B		P
7440-43-9	Cadmium	11			P
7440-70-2	Calcium	80000			P
7440-47-3	Chromium	49			P
7440-48-4	Cobalt	9.2			P
7440-50-8	Copper	350			P
7439-89-6	Iron	20000			P
7439-92-1	Lead	190			P
7439-95-4	Magnesium	13000			P
7439-96-5	Manganese	320			P
7439-97-6	Mercury	0.30			CV
7439-98-7	Molybdenum	1.6	B		P
7440-02-0	Nickel	130			P
7440-09-7	Potassium	2600		X	P
7782-49-2	Selenium	1.5	B		P
7440-22-4	Silver	0.67	B		P
7440-23-5	Sodium	300			P
7440-28-0	Thallium	2.6	U		P
7440-31-5	Tin	12	B		P
7440-62-2	Vanadium	40			P
7440-66-6	Zinc	1800		E	P

Color Before: Clarity Before: Texture:

Color After: Clarity After: 65 Artifacts:

Comments:

TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
SED-CSE-S3

Contract:

Lab Code: SLSAV Case No.: SAS No.: SDG NO.: SIL005

Matrix (soil/water): SOIL Lab Sample ID: S916704A-1

Level (low/med): LOW Date Received: 08-OCT-1999

% Solids: 30.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	Qual
7429-90-5	Aluminum	11000			P	J
7440-36-0	Antimony	6.1	U	N*	[redacted]	
7440-38-2	Arsenic	9.3			P	J
7440-39-3	Barium	190			P	
7440-41-7	Beryllium	0.90	B		[redacted]	
7440-43-9	Cadmium	7.7			P	J
7440-70-2	Calcium	26000			P	
7440-47-3	Chromium	31			P	
7440-48-4	Cobalt	7.4			P	
7440-50-8	Copper	150			P	
7439-89-6	Iron	17000			P	
7439-92-1	Lead	140			P	
7439-95-4	Magnesium	7400			P	
7439-96-5	Manganese	170			P	
7439-97-6	Mercury	0.30		X	CV	
7439-98-7	Molybdenum	3.2			P	
7440-02-0	Nickel	51			P	
7440-09-7	Potassium	2400		N	P	
7782-49-2	Selenium	3.0	U		[redacted]	
7440-22-4	Silver	3.0	U		[redacted]	
7440-23-5	Sodium	180			[redacted]	
7440-28-0	Thallium	3.0	U		P	
7440-62-2	Vanadium	37			P	J
7440-66-6	Zinc	980			P	

Color Before: Clarity Before: Texture:

66

Color After: Clarity After: Artifacts:

~~000020~~

Comments:

Savannah Laboratories

TOTAL METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BPL-ESED-S1

Contract:

Lab Code: SAVLAB Case No.: SAS No.: SDG NO.: SIL007

Matrix (soil/water): SOIL Lab Sample ID: S916704-3

Level (low/med): LOW Date Received: ~~08~~ 07-OCT-1999

% Solids: 36.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	13000			P	J
7440-36-0	Antimony	1.9	B	N*	P	
7440-38-2	Arsenic	16			P	
7440-39-3	Barium	360			P	
7440-41-7	Beryllium	0.72	B		P	
7440-43-9	Cadmium	1.9			P	
7440-70-2	Calcium	16000			P	
7440-47-3	Chromium	20			P	
7440-48-4	Cobalt	9.3			P	
7440-50-8	Copper	43			P	
7439-89-6	Iron	34000			P	
7439-92-1	Lead	49			P	
7439-95-4	Magnesium	5500			P	
7439-96-5	Manganese	1200			P	
7439-97-6	Mercury	0.091			CV	
7439-98-7	Molybdenum	0.52	B		P	
7440-02-0	Nickel	51			P	
7440-09-7	Potassium	2000		X	P	
7782-49-2	Selenium	2.8	U		P	UJ
7440-22-4	Silver	2.8	U		P	UJ
7440-23-5	Sodium	200			P	UJ
7440-28-0	Thallium	2.8	U		P	UJ
7440-31-5	Tin	14	U		P	UJ
7440-62-2	Vanadium	35			P	J
7440-66-6	Zinc	290		E	P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: 67 Artifacts:

Comments:

Savannah Laboratories

TOTAL METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BPL-ESED-S2

Contract:

Lab Code: SAVLAB Case No.: SAS No.: SDG NO.: SIL007

Matrix (soil/water): SOIL Lab Sample ID: S916769-4

Level (low/med): LOW Date Received: 08-OCT-1999

% Solids: 34.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	16000			P	J
7440-36-0	Antimony	5.9	U	N*	P	~~UJ~~ R
7440-38-2	Arsenic	17			P	J
7440-39-3	Barium	420			P	
7440-41-7	Beryllium	0.82	B		P	
7440-43-9	Cadmium	2.7			P	
7440-70-2	Calcium	16000			P	
7440-47-3	Chromium	26			P	
7440-48-4	Cobalt	10			P	
7440-50-8	Copper	64			P	
7439-89-6	Iron	38000			P	
7439-92-1	Lead	58			P	
7439-95-4	Magnesium	4800			P	
7439-96-5	Manganese	1400			P	
7439-97-6	Mercury	0.16			CV	
7439-98-7	Molybdenum	0.92	B		P	
7440-02-0	Nickel	54			P	
7440-09-7	Potassium	2200		X	P	
7782-49-2	Selenium	2.9	U		P	UJ
7440-22-4	Silver	0.79	B		P	J
7440-23-5	Sodium	230			P	UJ
7440-28-0	Thallium	2.9	U		P	UJ
7440-31-5	Tin	15	U		P	UJ
7440-62-2	Vanadium	40			P	J
7440-66-6	Zinc	370		E	P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: 68 Artifacts:

Comments:

Savannah Laboratories

TOTAL METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BPL-ESED-S3

Contract:

Lab Code: SAVLAB Case No.: SAS No.: SDG NO.: SIL007

Matrix (soil/water): SOIL Lab Sample ID: S916704-19

Level (low/med): LOW Date Received: ~~08~~ 07-OCT-1999

% Solids: 36.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	11000			P	J
7440-36-0	Antimony	1.5	B	N*	P	
7440-38-2	Arsenic	13			P	
7440-39-3	Barium	240			P	
7440-41-7	Beryllium	0.58	B		P	
7440-43-9	Cadmium	1.6			P	
7440-70-2	Calcium	11000			P	
7440-47-3	Chromium	18			P	
7440-48-4	Cobalt	7.1			P	
7440-50-8	Copper	36			P	
7439-89-6	Iron	28000			P	
7439-92-1	Lead	34			P	
7439-95-4	Magnesium	3600			P	
7439-96-5	Manganese	940			P	
7439-97-6	Mercury	0.11			CV	
7439-98-7	Molybdenum	0.37	B		P	
7440-02-0	Nickel	35			P	
7440-09-7	Potassium	1500		X	P	
7782-49-2	Selenium	2.5	U		P	UJ
7440-22-4	Silver	2.5	U		P	UJ
7440-23-5	Sodium	140			P	UJ
7440-28-0	Thallium	2.5	U		P	UJ
7440-31-5	Tin	13	U		P	UJ
7440-62-2	Vanadium	28			P	J
7440-66-6	Zinc	250		E	P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: 69 Artifacts:

Comments:

Savannah Laboratories

TOTAL METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SED-CSF-S1

Contract:

Lab Code: SAVLAB Case No.: SAS No.: SDG NO.: SIL007

Matrix (soil/water): SOIL Lab Sample ID: S916769-1

Level (low/med): LOW Date Received: 08-OCT-1999

% Solids: 43.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7800			P
7440-36-0	Antimony	4.7	U	N*	P
7440-38-2	Arsenic	8.0			P
7440-39-3	Barium	150			P
7440-41-7	Beryllium	0.53	B		P
7440-43-9	Cadmium	7.4			P
7440-70-2	Calcium	11000			P
7440-47-3	Chromium	19			P
7440-48-4	Cobalt	5.5			P
7440-50-8	Copper	160			P
7439-89-6	Iron	14000			P
7439-92-1	Lead	110			P
7439-95-4	Magnesium	4100			P
7439-96-5	Manganese	170			P
7439-97-6	Mercury	0.30			CV
7439-98-7	Molybdenum	0.70	B		P
7440-02-0	Nickel	90			P
7440-09-7	Potassium	1600		X	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	2.3	U		P
7440-23-5	Sodium	210			P
7440-28-0	Thallium	2.3	U		P
7440-31-5	Tin	12	U		P
7440-62-2	Vanadium	25			P
7440-66-6	Zinc	950		E	P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

70

Comments:

Savannah Laboratories

TOTAL METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SED-CSF-S2

Contract:

Lab Code: SAVLAB Case No.: SAS No.: SDG NO.: SIL007

Matrix (soil/water): SOIL Lab Sample ID: S916769-2

Level (low/med): LOW Date Received: 08-OCT-1999

% Solids: 19.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14000			P
7440-36-0	Antimony	2.6	B	N*	P
7440-38-2	Arsenic	19			P
7440-39-3	Barium	250			P
7440-41-7	Beryllium	0.85	B		P
7440-43-9	Cadmium	47			P
7440-70-2	Calcium	13000			P
7440-47-3	Chromium	38			P
7440-48-4	Cobalt	13			P
7440-50-8	Copper	410			P
7439-89-6	Iron	22000			P
7439-92-1	Lead	320			P
7439-95-4	Magnesium	6800			P
7439-96-5	Manganese	230			P
7439-97-6	Mercury	1.1			CV
7439-98-7	Molybdenum	3.7	B		P
7440-02-0	Nickel	390			P
7440-09-7	Potassium	2900		X	P
7782-49-2	Selenium	4.8	U		P
7440-22-4	Silver	4.8	U		P
7440-23-5	Sodium	350			P
7440-28-0	Thallium	4.8	U		P
7440-31-5	Tin	24	U		P
7440-62-2	Vanadium	51			P
7440-66-6	Zinc	3700		E	P

J

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Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

71

Comments:

Form I - IN

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SW-846

Savannah Laboratories

TOTAL METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
SED-CSF-S3

Contract:

Lab Code: SAVLAB Case No.: SAS No.: SDG NO.: SIL007

Matrix (soil/water): SOIL Lab Sample ID: S916769-3

Level (low/med): LOW Date Received: 08-OCT-1999

% Solids: 27.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	17000			P	J
7440-36-0	Antimony	7.4	U	N*	P	[redacted]
7440-38-2	Arsenic	15			P	J
7440-39-3	Barium	270			P	
7440-41-7	Beryllium	0.89	B		P	
7440-43-9	Cadmium	14			P	
7440-70-2	Calcium	11000			P	
7440-47-3	Chromium	30			P	
7440-48-4	Cobalt	11			P	
7440-50-8	Copper	240			P	
7439-89-6	Iron	26000			P	
7439-92-1	Lead	110			P	
7439-95-4	Magnesium	5300			P	
7439-96-5	Manganese	510			P	
7439-97-6	Mercury	0.45			CV	
7439-98-7	Molybdenum	0.76	B		P	
7440-02-0	Nickel	180			P	
7440-09-7	Potassium	2700		X	P	
7782-49-2	Selenium	3.7	U		P	[redacted]
7440-22-4	Silver	3.7	U		P	[redacted]
7440-23-5	Sodium	230			P	[redacted]
7440-28-0	Thallium	3.7	U		P	[redacted]
7440-31-5	Tin	19	U		P	[redacted]
7440-62-2	Vanadium	41			P	J
7440-66-6	Zinc	1600		E	P	J

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

72

Comments:

Full Scan Sediments TOC Data

LOG NO: S9-16640
Received: 07 OCT 99

Mr. Alan Cork
O'Brien & Gere
5000 Cedar Plaza Parkway Suite 211
St. Louis, MO 63128

Project: 23548.070.001/Sauget Area 1/SIL005
Sampled By: Client
Code: 153691112

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
16640-1	SED-CSB-S1	10-05-99/11:45	SIL005
16640-2	SED-CSB-S2	10-05-99/15:30	SIL005
16640-3	SED-CSB-S3	10-05-99/10:30	SIL005
16640-4	SED-CSB-S1-FD	10-05-99/11:45	SIL005
16640-19	SED-M-S1	10-05-99/15:00	SIL005

PARAMETER	16640-1	16640-2	16640-3	16640-4	16640-19
Total Organic Carbon (9060), mg/kg dw	100000 J	95000 J	67000 J	60000 J	75000 J
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Prep Date	10.15.99	10.15.99	10.15.99	10.15.99	10.15.99
Analysis Date	10.15.99	10.15.99	10.15.99	10.15.99	10.15.99
Batch ID	1015X	1015X	1015X	1015X	1015X
Percent Solids	40	40	30	45	20

Elizabeth F. Beauchamp

LOG NO: S9-16604
Received: 05 OCT 99

Mr. Alan Cork
O'Brien & Gere
5000 Cedar Plaza Parkway Suite 211
St. Louis, MO 63128

Project: 23548.070.001/Sauget Area 1/SIL005
Sampled By: Client
Code: 153691112

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
16604-1	SED-CSC-S1-0.2'	10-04-99/17:00	SIL005
16604-2	SED-CSC-S2-0.2'	10-04-99/16:20	SIL005
16604-3	SED-CSC-S3-0.2'	10-04-99/15:30	SIL005
16604-4	SED-CSD-S1-0.2'	10-04-99/11:45	SIL005
16604-19	SED-CSD-S2-0.2'	10-04-99/12:50	SIL005

PARAMETER	16604-1	16604-2	16604-3	16604-4	16604-19
Total Organic Carbon (9060), mg/kg dw	95000 J	84000 J	89000 J	73000 J	72000 J
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Prep Date	10.15.99	10.17.99	10.15.99	10.15.99	10.15.99
Analysis Date	10.15.99	10.17.99	10.15.99	10.15.99	10.15.99
Batch ID	1015X	1017X	1015X	1015X	1015X
Percent Solids	29	35	26	23	21

LOG NO: S9-16604
Received: 05 OCT 99

Mr. Alan Cork
O'Brien & Gere
5000 Cedar Plaza Parkway Suite 211
St. Louis, MO 63128

Project: 23548.070.001/Sauget Area 1/SIL005
Sampled By: Client
Code: 153691112

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
16604-20	SED-CSD-S3-0.2'	10-04-99/14:30	SIL005

PARAMETER	16604-20	
Total Organic Carbon (9060), mg/kg dw	32000	J
Dilution Factor	1.0	
Prep Date	10.15.99	
Analysis Date	10.15.99	
Batch ID	1015X	
Percent Solids	34	

Elizabeth F. Beauchamp

LOG NO: S9-16704A
Received: 08 OCT 99

Mr. Alan Cork
O'Brien & Gere
5000 Cedar Plaza Parkway Suite 211
St. Louis, MO 63128

Project: 23548.070.001/Sauget Area 1/SIL005
Sampled By: Client
Code: 153791112

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
16704A-1	SED-CSE-S3	10-06-99/14:30	SIL005

PARAMETER	16704A-1	
Total Organic Carbon (9060), mg/kg dw	70000	J
Dilution Factor	1.0	
Prep Date	10.15.99	
Analysis Date	10.15.99	
Batch ID	1015X	
Percent Solids	30	

Methods: EPA SW-846, Update III.

Elizabeth F. Beauchamp

LOG NO: S9-16704
Received: 08 OCT 99
Reported: 17 NOV 99

Mr. Alan Cork
O'Brien & Gere
5000 Cedar Plaza Parkway Suite 211
St. Louis, MO 63128

Project: 23548.070.001/Sauget Area 1/SIL007
Sampled By: Client
Code: 112991117

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
16704-1	SED-CSE-S1	10-06-99/10:45	SIL007
16704-2	SED-CSE-S2	10-06-99/09:30	SIL007
16704-3	BPL-ESED-S1	10-06-99/11:00	SIL007
16704-4	BPL-ESED-S1-FD	10-06-99/11:00	SIL007
16704-19	BPL-ESED-S3	10-06-99/16:30	SIL007

PARAMETER	16704-1	16704-2	[redacted]
Total Organic Carbon (9060), mg/kg dw	92000 J	82000 J	[redacted]
Dilution Factor	1.0	1.0	[redacted]
Prep Date	10.15.99	10.15.99	[redacted]
Analysis Date	10.15.99	10.15.99	[redacted]
Batch ID	1015X	1015X	[redacted]
Percent Solids	28	38	[redacted]

Elizabeth F. Beauchamp

LOG NO: S9-16769
Received: 08 OCT 99
Reported: 17 NOV 99

Mr. Alan Cork
O'Brien & Gere
5000 Cedar Plaza Parkway Suite 211
St. Louis, MO 63128

Project: 23548.070.001/Sauget Area 1/SIL005
Sampled By: Client
Code: 112991117

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
16769-1	SED-CSF-S1	10-07-99/15:30	SIL007
16769-2	SED-CSF-S2	10-07-99/16:30	SIL007
16769-3	SED-CSF-S3	10-07-99/11:30	SIL007
16769-4	BPL-ESED-S2	10-07-99/09:30	SIL007

PARAMETER	16769-1	16769-2	16769-3	[redacted]
Total Organic Carbon (9060), mg/kg dw	40000 J	140000 J	61000 J	[redacted]
Dilution Factor	1.0	1.0	1.0	[redacted]
Prep Date	10.15.99	10.15.99	10.15.99	[redacted]
Analysis Date	10.15.99	10.15.99	10.15.99	[redacted]
Batch ID	1015X	1015Y	1015Y	[redacted]
Percent Solids	43	19	27	[redacted]

Elizabeth F. Beauchamp

LOG NO: S9-16797
Received: 09 OCT 99
Reported: 17 NOV 99

Mr. Alan Cork
O'Brien & Gere
5000 Cedar Plaza Parkway Suite 211
St. Louis, MO 63128

Project: 23548.070.001/Sauget Area 1/SIL007
Sampled By: Client
Code: 113091117

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
16797-1	SED-RA1-S1	10-08-99/09:30	SIL007
16797-2	SED-RA1-S2	10-08-99/11:30	SIL007
16797-3	SED-RA2-S1	10-08-99/16:00	SIL007
16797-4	SED-RA2-S1 DUPLICATE	10-08-99/16:00	SIL007

PARAMETER	16797-1	16797-2	16797-3	16797-4
Total Organic Carbon (9060), mg/kg dw	12000	23000 J	13000 J	13000 J
Dilution Factor	1.0	1.0	1.0	1.0
Prep Date	10.18.99	10.17.99	10.17.99	10.17.99
Analysis Date	10.18.99	10.17.99	10.17.99	10.17.99
Batch ID	1018X	1017X	1017X	1017X
Percent Solids	56	37	48	48

Elizabeth F. Beauchamp

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~~000011~~

LOG NO: S9-16823A
Received: 12 OCT 99

Mr. Alan Cork
O'Brien & Gere
5000 Cedar Plaza Parkway Suite 211
St. Louis, MO 63128

Project: 23548.070.001/Sauget Area 1/SIL010
Sampled By: Client
Code: 04589112

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED	SDG#
16823A-1	SED-RA2-S2	10-09-99/10:30	SIL010

PARAMETER	16823A-1	
Total Organic Carbon (9060), mg/kg dw	20000	J
Dilution Factor	1.0	
Prep Date	10.22.99	
Analysis Date	10.22.99	
Batch ID	1022X	
Percent Solids	46	

Methods: EPA SW-846, Update III.

Elizabeth F. Beauchamp

Excerpt from:

Industry Specific Sediments Polychlorinated Biphenyl Data

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

00736-1

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL043

Matrix: (soil/water) SOIL Lab Sample ID: FASED-~~SCB~~ CSB-S6-0-20"

Sample wt/vol: 30.1 (g/mL) G Lab File ID: K6627

Level: (low/med) LOW Date Received: 02/03/00

% Moisture: 47 decanted: (Y/N) N Date Extracted: 02/11/00

Concentrated Extract Volume: 1 (mL) Date Analyzed: 03/10/00

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	62	U
	Dichlorobiphenyl	180	
	Trichlorobiphenyl	5100	
	Tetrachlorobiphenyl	14000	
	Pentachlorobiphenyl	3500	
	Hexachlorobiphenyl	1100	
	Heptachlorobiphenyl	160	J
	Octachlorobiphenyl	190	U
	Nonachlorobibiphenyl	310	U
	Decachlorobiphenyl	250	J

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

00709-7

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL043

Matrix: (soil/water) SOIL Lab Sample ID: FASED-CSC-S12E-0-18

Sample wt/vol: 30.4 (g/mL) G Lab File ID: K6619

Level: (low/med) LOW Date Received: 02/02/00

% Moisture: 50 decanted: (Y/N) N Date Extracted: 02/11/00

Concentrated Extract Volume: 1(mL) Date Analyzed: 03/09/00

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	66	U
	Dichlorobiphenyl	66	U
	Trichlorobiphenyl	450	
	Tetrachlorobiphenyl	11000	
	Pentachlorobiphenyl	13000	
	Hexachlorobiphenyl	14000	
	Heptachlorobiphenyl	4300	
	Octachlorobiphenyl	1000	
	Nonachlorobibiphenyl	900	
	Decachlorobiphenyl	3600	

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

00336-3

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL036

Matrix: (soil/water) SOIL Lab Sample ID: FASED-CSF-S27E-0-1

Sample wt/vol: 30.0 (g/mL) G Lab File ID: J4209

Level: (low/med) LOW Date Received: 01/19/00

% Moisture: 45 decanted: (Y/N) N Date Extracted: 01/26/00

Concentrated Extract Volume: 1(mL) Date Analyzed: 01/27/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	6.0	U
	Dichlorobiphenyl	6.0	U
	Trichlorobiphenyl	17	
	Tetrachlorobiphenyl	420	
	Pentachlorobiphenyl	1100	
	Hexachlorobiphenyl	12	U
	Heptachlorobiphenyl	110	
	Octachlorobiphenyl	27	
	Nonachlorobibiphenyl	33	
	Decachlorobiphenyl	98	

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

00336-4

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SIL036

Matrix: (soil/water) SOIL Lab Sample ID: FASED-CSF-S28-0-10"

Sample wt/vol: 30.0 (g/mL) G Lab File ID: J4215

Level: (low/med) LOW Date Received: 01/19/00

% Moisture: 46 decanted: (Y/N) N Date Extracted: 01/26/00

Concentrated Extract Volume: 1(mL) Date Analyzed: 01/27/00

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	61	U
	Dichlorobiphenyl	61	U
	Trichlorobiphenyl	61	U
	Tetrachlorobiphenyl	1600	
	Pentachlorobiphenyl	3700	
	Hexachlorobiphenyl	120	U
	Heptachlorobiphenyl	260	
	Octachlorobiphenyl	180	U
	Nonachlorobibiphenyl	270	J
	Decachlorobiphenyl	460	

Excerpt from:

Biota (Fish Fillets)
Polychlorinated Biphenyl Data

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16900A-2

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SCI002

Matrix: (soil/water) SOIL Lab Sample ID: LMB BP COMP 1

Sample wt/vol: 10.0 (g/mL) G Lab File ID: K6531

Level: (low/med) LOW Date Received: 02/01/00

% Moisture: 0 decanted: (Y/N) N Date Extracted: 02/05/00

Concentrated Extract Volume: 1 (mL) Date Analyzed: 03/05/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	10	U
	Dichlorobiphenyl	10	U
	Trichlorobiphenyl	10	U
	Tetrachlorobiphenyl	46	
	Pentachlorobiphenyl	110	
	Hexachlorobiphenyl	120	
	Heptachlorobiphenyl	16	J
	Octachlorobiphenyl	30	U
	Nonachlorobibiphenyl	50	U
	Decachlorobiphenyl	50	U

ppb

FORM I SV

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16900A-3

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SCI002

Matrix: (soil/water) SOIL Lab Sample ID: LMB BP COMP 2

Sample wt/vol: 10.0 (g/mL) G Lab File ID: K6534

Level: (low/med) LOW Date Received: 02/01/00

% Moisture: 0 decanted: (Y/N) N Date Extracted: 02/05/00

Concentrated Extract Volume: 1(mL) Date Analyzed: 03/06/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
	Monochlorobiphenyl	10	U	UJ
	Dichlorobiphenyl	10	U	
	Trichlorobiphenyl	10	U	
	Tetrachlorobiphenyl	20	U	
	Pentachlorobiphenyl	30		J
	Hexachlorobiphenyl	44		J
	Heptachlorobiphenyl	30	U	UJ
	Octachlorobiphenyl	30	U	
	Nonachlorobibiphenyl	50	U	
	Decachlorobiphenyl	50	U	

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16900A-4

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SCI002

Matrix: (soil/water) SOIL Lab Sample ID: LMB BP COMP 3

Sample wt/vol: 10.0 (g/mL) G Lab File ID: K6535

Level: (low/med) LOW Date Received: 02/01/00

% Moisture: 0 decanted: (Y/N) N Date Extracted: 02/05/00

Concentrated Extract Volume: 1 (mL) Date Analyzed: 03/06/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
	Monochlorobiphenyl	10	U	
	Dichlorobiphenyl	10	U	
	Trichlorobiphenyl	10	U	
	Tetrachlorobiphenyl	19	J	J
	Pentachlorobiphenyl	130		
	Hexachlorobiphenyl	150		
	Heptachlorobiphenyl	21	J	J
	Octachlorobiphenyl	30	U	
	Nonachlorobibiphenyl	50	U	
	Decachlorobiphenyl	50	U	

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16900A-5

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SCI002

Matrix: (soil/water) SOIL Lab Sample ID: LMB REF 1 COMP 1

Sample wt/vol: 10.0 (g/mL) G Lab File ID: K6536

Level: (low/med) LOW Date Received: 02/01/00

% Moisture: 0 decanted: (Y/N) N Date Extracted: 02/05/00

Concentrated Extract Volume: 1(mL) Date Analyzed: 03/06/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	10	U
	Dichlorobiphenyl	10	U
	Trichlorobiphenyl	10	U
	Tetrachlorobiphenyl	20	U
	Pentachlorobiphenyl	20	U
	Hexachlorobiphenyl	20	U
	Heptachlorobiphenyl	30	U
	Octachlorobiphenyl	30	U
	Nonachlorobibiphenyl	50	U
	Decachlorobiphenyl	50	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16900A-6

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SCI002

Matrix: (soil/water) SOIL Lab Sample ID: LMB REF 1 COMP 2

Sample wt/vol: 10.0 (g/mL) G Lab File ID: K6537

Level: (low/med) LOW Date Received: 02/01/00

% Moisture: 0 decanted: (Y/N) N Date Extracted: 02/05/00

Concentrated Extract Volume: 1(mL) Date Analyzed: 03/06/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
	Monochlorobiphenyl	10	U	
	Dichlorobiphenyl	10	U	
	Trichlorobiphenyl	10	U	
	Tetrachlorobiphenyl	20	U	
	Pentachlorobiphenyl	9.5	J	a
	Hexachlorobiphenyl	9.3	J	a
	Heptachlorobiphenyl	30	U	
	Octachlorobiphenyl	30	U	
	Nonachlorobibiphenyl	50	U	
	Decachlorobiphenyl	50	U	

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FORM I SV

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16900A-7

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SCI002

Matrix: (soil/water) SOIL Lab Sample ID: LMB REF 2 COMP 1

Sample wt/vol: 10.0 (g/mL) G Lab File ID: K6538

Level: (low/med) LOW Date Received: 02/01/00

% Moisture: 0 decanted: (Y/N) N Date Extracted: 02/05/00

Concentrated Extract Volume: 1(mL) Date Analyzed: 03/06/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	10	U
	Dichlorobiphenyl	10	U
	Trichlorobiphenyl	10	U
	Tetrachlorobiphenyl	20	U
	Pentachlorobiphenyl	20	U
	Hexachlorobiphenyl	20	U
	Heptachlorobiphenyl	30	U
	Octachlorobiphenyl	30	U
	Nonachlorobibiphenyl	50	U
	Decachlorobiphenyl	50	U

4J

FORM I SV

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

16900A-8

Lab Name: SAVANNAH LABORATORIES Contract:

Lab Code: SL-SAV Case No.: SAS No.: SDG No.: SCI002

Matrix: (soil/water) SOIL Lab Sample ID: LMB REF 2 COMP 2

Sample wt/vol: 10.0 (g/mL) G Lab File ID: K6539

Level: (low/med) LOW Date Received: 02/01/00

% Moisture: 0 decanted: (Y/N) N Date Extracted: 02/05/00

Concentrated Extract Volume: 1(mL) Date Analyzed: 03/06/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
	Monochlorobiphenyl	10	U
	Dichlorobiphenyl	10	U
	Trichlorobiphenyl	10	U
	Tetrachlorobiphenyl	20	U
	Pentachlorobiphenyl	20	U
	Hexachlorobiphenyl	20	U
	Heptachlorobiphenyl	30	U
	Octachlorobiphenyl	30	U
	Nonachlorobibiphenyl	50	U
	Decachlorobiphenyl	50	U

4J

FORM I SV

Excerpt from:

Waste Discrete Surface Polychlorinated Biphenyl Data

O'BRIEN & GERE ENGINEERS, INC.

Table C-1e
Solutia
Sauget Area 1
Waste - Discrete Surface (0-0.5 ft)
Method 680 Polychlorinated Biphenyl Data

Sample ID	WASTE-G-B-0-0.5FTEB	WASTE-G-B1-0-0.5FT	WASTE-G-B1-0-0.5FTFD	WASTE-G-B2-0-0.5FT	WASTE-G-B3-0-0.5FT	WASTE-G-B4-0-0.5FT	WASTE-H-B1-0-0.5FT
Sample Date	10/07/1999	10/06/1999	10/06/1999	10/06/1999	10/07/1999	10/07/1999	09/27/1999
Units	ug/l	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw
Compound							
Decachlorobiphenyl	0.5 U	20 U	20 U	19 U	18 U	18 U	46
Dichlorobiphenyl	0.1 U	3.9 U	3.9 U	3.8 U	3.6 U	3.6 U	3.4 U
Heptachlorobiphenyl	0.3 U	12 U	12 U	12 U	11 U	11 U	52
Hexachlorobiphenyl	0.2 U	8 U	23	7.9	7.4 U	7.4 U	36
Monochlorobiphenyl	0.1 U	3.9 U	3.9 U	3.8 U	3.6 U	3.6 U	3.4 U
Nonachlorobiphenyl	0.5 U	20 U	20 U	19 U	18 U	18 U	17 U
Octachlorobiphenyl	0.3 U	12 U	12 U	12 U	11 U	11 U	26
Pentachlorobiphenyl	0.2 U	8 U	60	7.8 U	7.4 U	7.4 U	500
Tetrachlorobiphenyl	0.2 U	8 U	7.9 U	7.8 U	7.4 U	7.4 U	790
Trichlorobiphenyl	0.1 U	3.9 U	3.9 U	3.8 U	3.6 U	3.6 U	69
Total PCBs	ND	ND	83	7.9	ND	ND	1519

NOTES: U - not detected, J - estimated value, N - tentatively identified, R - rejected, M - EMPC, D - result from diluted analysis.

Date Printed: 08/14/2000 14:19:03
DBF File: N:\10040\25501\TEMPDATA.DBF
FXP File: N:\10040\25501\TABLEPRS.FXP

File Number 10040 25501

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O'BRIEN & GERE ENGINEERS, INC.

Table C-1e
Solutia
Sauget Area 1
Waste - Discrete Surface (0-0.5 ft)
Method 680 Polychlorinated Biphenyl Data

Sample ID	WASTE-I-B4-0-0.5FT	WASTE-I-B4-0-0.5FTFD	WASTE-L-B1-0-0.5FT	WASTE-L-B2-0-0.5FT	WASTE-L-B3-0-0.5FT	WASTE-L-B4-0-0.5FT	WASTE-N-B1-0-0.5FT
Sample Date	10/14/1999	10/14/1999	09/27/1999	09/27/1999	09/27/1999	09/27/1999	11/30/1999
Units	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw
Compound							
Decachlorobiphenyl	170 U	170 U	860 U	90 U	18 U	190 U	10 J
Dichlorobiphenyl	34 U	34 U	170 U	18 U	3.6 U	37 U	3.5 U
Heptachlorobiphenyl	100 U	100 U	510 U	21 J	11 U	110 U	57
Hexachlorobiphenyl	69 U	37 J	340 U	180 J	7.3 U	48 J	7.2 U
Monochlorobiphenyl	34 U	34 U	170 U	18 U	3.6 U	37 U	3.5 U
Nonachlorobiphenyl	170 U	170 U	860 U	90 U	18 U	190 U	18 U
Octachlorobiphenyl	100 U	100 U	510 U	54 U	11 U	110 U	21
Pentachlorobiphenyl	69 U	70 U	340 U	760 J	7.3 U	250	90
Tetrachlorobiphenyl	69 U	70 U	340 U	210 J	7.3 U	50 J	7.2 U
Trichlorobiphenyl	34 U	34 U	170 U	18 U	3.6 U	37 U	3.5 U
Total PCBs	ND	37	ND	1171	ND	348	178

NOTES: U - not detected, J - estimated value, N - tentatively identified, R - rejected, M - EMPC, D - result from diluted analysis

Date Printed: 1000 14:19:03
DBF File: N: 1501\TEMPDATA.DBF

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Full Scan Sediments
Polychlorinated Biphenyl Data

O'BRIEN & GERE ENGINEERS, INC.

Table C-4e
Solutia
Sauget Area 1
Broad Scan Sediments
Method 680 Polychlorinated Biphenyl Data

Sample ID	BPL-ESED-S1-0.2FT	BPL-ESED-S1-0.2FTFD	BPL-ESED-S2-0.2FT	BPL-ESED-S3-0.2FT	BSSED-PDC-DS-S-0-30IN	BSSED-PDC-US-N-0-20IN	BSSED-PDC-US-N-0-20INEB
Sample Date	10/06/99	10/06/99	10/07/99	10/06/99	02/07/00	02/07/00	02/04/00
Units	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw	ug/l
Compound							
Decachlorobiphenyl	230 UJ	46 UJ	49 UJ	46 UJ	24 U	23 U	0.5 U
Dichlorobiphenyl	46 UJ	9.2 UJ	9.7 UJ	9.2 UJ	4.8 UJ	4.5 U	0.1 U
Heptachlorobiphenyl	140 UJ	28 UJ	29 UJ	28 UJ	15 UJ	14 U	0.3 U
Hexachlorobiphenyl	95 UJ	19 UJ	20 UJ	19 UJ	9.8 UJ	9.2 U	0.2 U
Monochlorobiphenyl	46 UJ	9.2 UJ	9.7 UJ	9.2 UJ	4.8 UJ	4.5 U	0.1 U
Nonachlorobiphenyl	230 UJ	46 UJ	49 UJ	46 UJ	24 UJ	23 U	0.5 U
Octachlorobiphenyl	140 UJ	28 UJ	29 UJ	28 UJ	15 UJ	14 U	0.3 U
Pentachlorobiphenyl	95 UJ	19 UJ	20 UJ	19 UJ	9.8 UJ	9.2 U	0.2 U
Tetrachlorobiphenyl	95 UJ	19 UJ	20 UJ	19 UJ	9.8 UJ	9.2 U	0.2 U
Trichlorobiphenyl	46 UJ	9.2 UJ	9.7 UJ	9.2 UJ	4.8 UJ	4.5 U	0.1 U
Total PCBs	ND	ND	ND	ND	ND	ND	ND

NOTES: U - not detected, J - estimated value, N - tentatively identified, R - rejected, M - EMPC, D - result from diluted analysis.

O'BRIEN & GERE ENGINEERS, INC.

Table C-4e
Solutia
Sauget Area 1
Broad Scan Sediments
Method 680 Polychlorinated Biphenyl Data

Sample ID	BSSED-PDC-US-N-0-20INFD	SED-CSB-0.2FTEB	SED-CSB-S1-0.2FT	SED-CSB-S1-0.2FTFD	SED-CSB-S2-0.2FT	SED-CSB-S3-0.2FT	SED-CSC-S1-0.2FT
Sample Date	02/07/00	10/05/99	10/05/99	10/05/99	10/05/99	10/05/99	10/04/99
Units	ug/kg dw	ug/l	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw
Compound							
Decachlorobiphenyl	23 U	0.50 U	2500 UJ	2300 UJ	3400 J	2300 J	290 UJ
Dichlorobiphenyl	4.6 U	0.10 U	500 UJ	450 UJ	640 J	500 J	57 UJ
Heptachlorobiphenyl	14 U	0.30 U	980 J	1400 UJ	5300 J	1300 J	170 UJ
Hexachlorobiphenyl	9.3 U	0.20 U	5200 J	2600 J	21000 J	7600 J	160 J
Monochlorobiphenyl	4.6 U	0.10 U	500 UJ	450 UJ	500 UJ	670 UJ	57 UJ
Nonachlorobiphenyl	23 U	0.50 U	2500 UJ	2300 UJ	2500 UJ	3400 UJ	290 UJ
Octachlorobiphenyl	14 U	0.30 U	1500 UJ	1400 UJ	1800 J	2000 UJ	170 UJ
Pentachlorobiphenyl	9.3 U	0.20 U	34000 J	7500 J	66000 J	19000 J	110 UJ
Tetrachlorobiphenyl	9.3 U	0.20 U	88000 J	15000 J	98000 J	26000 J	110 UJ
Trichlorobiphenyl	4.6 U	0.10 U	34000 J	4800 J	30000 J	11000 J	57 UJ
Total PCBs	ND	ND	162180	29900	226140	67700	160

NOTES: U - not detected, J - estimated value, N - tentatively identified, R - rejected, M - EMPC, D - result from diluted analysis.

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O'BRIEN & GERE ENGINEERS, INC.

Table C-4e
Solutia
Sauget Area 1
Broad Scan Sediments
Method 680 Polychlorinated Biphenyl Data

Sample ID	SED-CSC-S2-0.2FT	SED-CSC-S3-0.2FT	SED-CSD-S1-0.2FT	SED-CSD-S2-0.2FT	SED-CSD-S3-0.2FT	SED-CSE-S1-0.2FT	SED-CSE-S2-0.2FT
Sample Date	10/04/99	10/04/99	10/04/99	10/04/99	10/04/99	10/06/99	10/06/99
Units	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw
Compound							
Decachlorobiphenyl	2900 UJ	3900 UJ	170 J	230 J	300 UJ	140 J	440 UJ
Dichlorobiphenyl	570 UJ	770 UJ	87 UJ	96 UJ	59 UJ	12 UJ	87 UJ
Heptachlorobiphenyl	1700 UJ	2300 UJ	260 UJ	290 UJ	180 UJ	49 J	260 UJ
Hexachlorobiphenyl	720 J	2000 J	97 J	400 J	250 J	130 J	170 UJ
Monochlorobiphenyl	570 UJ	770 UJ	87 UJ	96 UJ	59 UJ	12 UJ	87 UJ
Nonachlorobiphenyl	2900 UJ	3900 UJ	440 UJ	480 UJ	300 UJ	60 UJ	440 UJ
Octachlorobiphenyl	1700 UJ	2300 UJ	260 UJ	290 UJ	180 UJ	36 UJ	260 UJ
Pentachlorobiphenyl	2200 J	2600 J	430 J	520 J	480 J	650 J	170 UJ
Tetrachlorobiphenyl	1200 UJ	1600 UJ	180 UJ	190 UJ	120 UJ	60 J	170 UJ
Trichlorobiphenyl	570 UJ	770 UJ	87 UJ	96 UJ	59 UJ	9.2 J	87 UJ
Total PCBs	2920	4600	697	1150	730	1038.2	ND

NOTES: U - not detected, J - estimated value, N - tentatively identified, R - rejected, M - EMPC, D - result from diluted analysis

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O'BRIEN & GERE ENGINEERS, INC.

Table C-4e
Solutia
Sauget Area 1
Broad Scan Sediments
Method 680 Polychlorinated Biphenyl Data

Sample ID	SED-CSE-S3-0.2FT	SED-CSF-S1-0.2FT	SED-CSF-S2-0.2FT	SED-CSF-S3-0.2FT	SED-M-S1-0.2FT	SED-RA1-S1-0.2FT	SED-RA1-S2-0.2FT
Sample Date	10/06/99	10/07/99	10/07/99	10/07/99	10/05/99	10/08/99	10/08/99
Units	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw
Compound							
Decachlorobiphenyl	56 UJ	39 UJ	88 UJ	310 UJ	5100 UJ	30 U	45 UJ
Dichlorobiphenyl	11 UJ	7.7 UJ	17 UJ	60 UJ	1000 UJ	5.9 U	8.9 UJ
Heptachlorobiphenyl	33 UJ	23 UJ	53 UJ	180 UJ	3000 UJ	18 U	27 UJ
Hexachlorobiphenyl	22 UJ	22 J	17 J	120 UJ	3000 J	12 U	18 UJ
Monochlorobiphenyl	11 UJ	7.7 UJ	17 UJ	60 UJ	1000 UJ	5.9 U	8.9 UJ
Nonachlorobiphenyl	56 UJ	39 UJ	88 UJ	310 UJ	5100 UJ	30 U	45 UJ
Octachlorobiphenyl	33 UJ	23 UJ	53 UJ	180 UJ	3000 UJ	18 U	27 UJ
Pentachlorobiphenyl	22 UJ	61 J	66 J	120 UJ	4800 J	12 U	18 UJ
Tetrachlorobiphenyl	22 UJ	16 UJ	35 UJ	120 UJ	3100 J	12 U	18 UJ
Trichlorobiphenyl	11 UJ	7.7 UJ	17 UJ	60 UJ	1300 J	5.9 U	8.9 UJ
Total PCBs	ND	83	83	ND	12200	ND	ND

NOTES: U - not detected, J - estimated value, N - tentatively identified, R - rejected, M - EMPC, D - result from diluted analysis.

O'BRIEN & GERE ENGINEERS, INC.

Table C-4e
Solutia
Sauget Area 1
Broad Scan Sediments
Method 680 Polychlorinated Biphenyl Data

Sample ID	SED-RA2-S1-0.2FT	SED-RA2-S1-0.2FTEB	SED-RA2-S1-0.2FTFD	SED-RA2-S2-0.2FT
Sample Date	10/08/99	10/08/99	10/08/99	10/09/99
Units	ug/kg dw	ug/l	ug/kg dw	ug/kg dw
Compound				
Decachlorobiphenyl	35 UJ	0.5 U	35 UJ	36 UJ
Dichlorobiphenyl	6.9 UJ	0.1 U	6.9 UJ	7.1 UJ
Heptachlorobiphenyl	21 UJ	0.3 U	21 UJ	22 UJ
Hexachlorobiphenyl	14 UJ	0.2 U	14 UJ	14 UJ
Monochlorobiphenyl	6.9 UJ	0.1 U	6.9 UJ	7.1 UJ
Nonachlorobiphenyl	35 UJ	0.5 U	35 UJ	36 UJ
Octachlorobiphenyl	21 UJ	0.3 U	21 UJ	22 UJ
Pentachlorobiphenyl	14 UJ	0.2 U	14 UJ	14 UJ
Tetrachlorobiphenyl	14 UJ	0.2 U	14 UJ	14 UJ
Trichlorobiphenyl	6.9 UJ	0.1 U	6.9 UJ	7.1 UJ
Total PCBs	ND	ND	ND	ND

NOTES: U - not detected, J - estimated value, N - tentatively identified, R - rejected, M - EMPC, D - result from diluted analysis.

Excerpt from:

Full Scan Sediments TOC Data

O'BRIEN & GERE ENGINEERS, INC.

Table C-4g
Solutia
Sauget Area 1
Broad Scan Sediments
Method 9060 and SW9045 Data

Compound	Sample ID	BPL-ESED-S1-0.2FT	BPL-ESED-S1-0.2FTFD	BPL-ESED-S2-0.2FT	BPL-ESED-S3-0.2FT	BSSED-PDC-DS-S-0-30IN	BSSED-PDC-US-N-0-20IN	BSSED-PDC-US-N-0-20INEB
	Sample Date	10/06/99	10/06/99	10/07/99	10/06/99	02/07/00	02/07/00	02/04/00
	Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Total Organic Carbon		84000 J	50000 J	45000 J	33000 J	3600	4100	1 U
pH		7.12	6.93	7.06	6.74	—	—	—

NOTES: U - not detected, J - estimated value, N - tentatively identified, R - rejected, M - EMPC, D - result from diluted analysis.

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Excerpt from:

Industry Specific Sediments Polychlorinated Biphenyl Data

O'BRIEN & GERE ENGINEERS, INC.

Table C-5a
Solutia
Sauget Area 1
Developed Area, Undeveloped Area, and Borrow Pit Lake Industry Specific Sediments
Method 680 Polychlorinated Biphenyl Data

Sample ID	FASED-CSB-S3-0-26IN	FASED-CSB-S4W-0-23IN	FASED-CSB-S5-0-22IN	FASED-CSB-S6-0-20IN	FASED-CSB-S7-0-18IN	FASED-CSB-S8E-0-22IN	FASED-CSB-S9W-0-9IN
Sample Date	02/01/00	02/01/00	02/01/00	02/02/00	02/02/00	02/02/00	02/02/00
Units	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw
Compound							
Decachlorobiphenyl	140 J	280 J	620	250 J	18 J	150	490 U
Dichlorobiphenyl	72	66 U	210	180	9.1	27 U	97 U
Heptachlorobiphenyl	96 U	170 J	500	160 J	15 U	57 J	490
Hexachlorobiphenyl	400	1300	2800	1100	22	360	1800
Monochlorobiphenyl	32 U	66 U	63 U	62 U	5	27 U	97 U
Nonachlorobiphenyl	160 U	330 U	320 U	310 U	25 U	140 U	490 U
Octachlorobiphenyl	96 U	200 U	190 U	190 U	15 U	82 U	100 J
Pentachlorobiphenyl	290	3300	4800	3500	60	700	1900
Tetrachlorobiphenyl	650	7500	3400	14000	240	750	16000
Trichlorobiphenyl	330	2300	1200	5100	68	55	2200
Total PCBs	1882	14850	13530	24290	422.1	2072	22490

NOTES: U - not detected, J - estimated value, N - tentatively identified, R - rejected, M - EMPC, D - result from diluted analysis.

O'BRIEN & GERE ENGINEERS, INC.

Table C-5a
Solutia
Sauget Area 1
Developed Area, Undeveloped Area, and Borrow Pit Lake Industry Specific Sediments
Method 680 Polychlorinated Biphenyl Data

Sample ID	FASED-CSC-S1-0-13IN	FASED-CSC-S10-0-28IN	FASED-CSC-S11-0-25IN	FASED-CSC-S11-0-25INFD	FASED-CSC-S12E-0-18IN	FASED-CSC-S2-0-28IN	FASED-CSC-S2-0-28INFD
Sample Date	01/31/00	02/01/00	02/01/00	02/01/00	02/01/00	01/31/00	01/31/00
Units	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw
Compound							
Decachlorobiphenyl	500 J	320 J	1800	4300 U	3600	540 J	1900
Dichlorobiphenyl	230 U	130 U	260	850 U	66 U	140 U	140 J
Heptachlorobiphenyl	690 U	250 J	1000	2600 U	4300	420 U	1600
Hexachlorobiphenyl	780	2400	6300	1600 J	14000	970	6500
Monochlorobiphenyl	230 U	130 U	260	850 U	66 U	140 U	150 U
Nonachlorobiphenyl	1200 U	680 J	1000 U	4300 U	900	700 U	350 J
Octachlorobiphenyl	690 U	410 U	600 U	2600 U	1000	420 U	320 J
Pentachlorobiphenyl	1100	3600	9300	2700	13000	1700	9000
Tetrachlorobiphenyl	460 U	2800	7300	1700 U	11000	730	6400
Trichlorobiphenyl	230 U	960	1000	850 U	450	190	1800
Total PCBs	2380	11010	27220	4300	48250	4130	28010

NOTES: U - not detected, J - estimated value, N - tentatively identified, R - rejected, M - EMPC, D - result from diluted analysis

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O'BRIEN & GERE ENGINEERS, INC.

Table C-5a
Solutia
Sauget Area 1
Developed Area, Undeveloped Area, and Borrow Pit Lake Industry Specific Sediments
Method 680 Polychlorinated Biphenyl Data

Sample ID	FASED-CSF-S24W-0-13IN	FASED-CSF-S25E-0-10IN	FASED-CSF-S26W-0-13IN	FASED-CSF-S27E-0-16IN	FASED-CSF-S28-0-10IN	FASED-CSF-S29W-0-10IN	FASED-CSF-S30N-0-8IN
Sample Date	01/17/00	01/18/00	01/18/00	01/18/00	01/18/00	01/18/00	01/18/00
Units	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw	ug/kg dw
Compound							
Decachlorobiphenyl	32 J	190 J	75	98	460 J	24 UJ	15 J
Dichlorobiphenyl	6.5 U	7.2 UJ	5.4 U	6 U	61 UJ	4.8 UJ	5.2 UJ
Heptachlorobiphenyl	20 U	50 J	40	110	260 J	15 UJ	16 UJ
Hexachlorobiphenyl	13 U	19 J	11 U	12 U	120 UJ	9.8 UJ	10 UJ
Monochlorobiphenyl	6.5 U	7.2 UJ	5.4 U	6 U	61 UJ	4.8 UJ	5.2 UJ
Nonachlorobiphenyl	33 U	67 J	26 J	33	270 J	24 UJ	20 J
Octachlorobiphenyl	20 U	20 J	11 J	27	180 UJ	15 UJ	16 UJ
Pentachlorobiphenyl	160	550 J	330	1100	3700 J	9.8 UJ	10 UJ
Tetrachlorobiphenyl	13 U	150 J	91	420	1600 J	9.8 UJ	10 UJ
Trichlorobiphenyl	6.5 U	7.2 UJ	5.4 U	17	61 UJ	4.8 UJ	5.2 UJ
Total PCBs	192	1046	573	1805	6290	ND	35

NOTES: U - not detected, J - estimated value, N - tentatively identified, R - rejected, M - EMPC, D - result from diluted analysis.

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Excirpt from:

Biota (Fish Fillets) Polychlorinated Biphenyl Data

O'BRIEN & GERE ENGINEERS, INC.

Table C-8d
Solutia
Sauget Area 1
Biota - Fish Fillets
Method 680 Polychlorinated Biphenyl Data

Sample ID	LMB BP COMP 1	LMB BP COMP 2	LMB BP COMP 3	LMB REF 1 COMP 1	LMB REF 1 COMP 2	LMB REF 2 COMP 1	LMB REF 2 COMP 2
Sample Date	10/04/99	11/03/99	11/02/99	11/01/99	11/01/99	10/08/99	11/02/99
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Compound							
Decachlorobiphenyl	50 U	50 UJ	50 U	50 U	50 U	50 UJ	50 UJ
Dichlorobiphenyl	10 U	10 UJ	10 U	10 U	10 U	10 UJ	10 UJ
Heptachlorobiphenyl	16 J	30 UJ	21 J	30 U	30 U	30 UJ	30 UJ
Hexachlorobiphenyl	120 J	44 J	150	20 U	9.3 J	20 UJ	20 UJ
Monochlorobiphenyl	10 U	10 UJ	10 U	10 U	10 U	10 UJ	10 UJ
Nonachlorobiphenyl	50 U	50 UJ	50 U	50 U	50 U	50 UJ	50 UJ
Octachlorobiphenyl	30 U	30 UJ	30 U	30 U	30 U	30 UJ	30 UJ
Pentachlorobiphenyl	110 J	30 J	130	20 U	9.5 J	20 UJ	20 UJ
Tetrachlorobiphenyl	46 J	20 UJ	19 J	20 U	20 U	20 UJ	20 UJ
Trichlorobiphenyl	10 U	10 UJ	10 U	10 U	10 U	10 UJ	10 UJ
Total PCBs	292	74	320	ND	18.8	ND	ND

NOTES: U - not detected, J - estimated value, N - tentatively identified, R - rejected, M - EMPC, D - result from diluted analysis

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