SCILAB

FULL SERVICE ENVIRONMENTAL LABORATORIES

SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
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SAMPLE DELIVERY GROUP: CDN016
SAMPLE DATA SUMMARY PACKAGE

RECEIVED
DEC 15 1997

231269

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION AND
ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	*VOA GC/MS Method	*BNA GC/MS Method	*VOA GC Method	*Pest PCBs Method	*Metals	*Other MISC.
CDN016	971031N01				X		
CDN017	971031N02				X		
CDN018	971031N03				X		
CDN019	971031N04				X		
CDN020	971031N05				X		
CDN021	971031N06				X		
CDO001	971031N07				X		
CDO002	971031N08				X		
CDO003	971031N09				X		
CDO004	971031N10				X		
CDO005	971031N11				X		
CDO007	971031N12				X		
CDO008	971031N13				X		
CDO009	971031N14				X		
CDO010	971031N15				X		
CDO011	971031N16				X		
CDO012	971031N17				X		
CDO013	971031N18				X		
CDO014	971031N19				X		
CDO015	971031N20				X		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PCB/PESTICIDE
ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
971031N01	SOIL	10/30/97	10/31/97	11/6/97	11/25/97
971031N02	SOIL	10/30/97	10/31/97	11/6/97	11/25/97
971031N03	SOIL	10/30/97	10/31/97	11/6/97	11/25/97
971031N04	SOIL	10/30/97	10/31/97	11/6/97	11/27/97
971031N05	SOIL	10/30/97	10/31/97	11/6/97	11/25/97
971031N06	SOIL	10/30/97	10/31/97	11/6/97	11/25/97
971031N07	SOIL	10/30/97	10/31/97	11/6/97	11/25/97
971031N08	SOIL	10/30/97	10/31/97	11/6/97	11/25/97
971031N09	SOIL	10/30/97	10/31/97	11/6/97	11/25/97
971031N10	SOIL	10/30/97	10/31/97	11/6/97	11/25/97
971031N11	SOIL	10/30/97	10/31/97	11/6/97	11/25/97
971031N12	SOIL	10/30/97	10/31/97	11/6/97	11/25/97
971031N13	SOIL	10/30/97	10/31/97	11/6/97	11/25/97
971031N14	SOIL	10/30/97	10/31/97	11/6/97	11/25/97
971031N15	SOIL	10/30/97	10/31/97	11/6/97	11/25/97
971031N16	SOIL	10/30/97	10/31/97	11/6/97	11/25/97
971031N17	SOIL	10/30/97	10/31/97	11/6/97	11/25/97
971031N18	SOIL	10/30/97	10/31/97	11/6/97	11/25/97
971031N19	SOIL	10/30/97	10/31/97	11/6/97	11/25/97
971031N20	SOIL	10/30/97	10/31/97	11/6/97	11/25/97

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CASE NARRATIVE

SCILAB Albany, Inc. performed the analyses on the following samples:

LAB ID	CLIENT ID	TYPE	DATE SAMPLED
971031N01	CDN016	GRAB	10/30/97
971031N02	CDN017	GRAB	10/30/97
971031N03	CDN018	GRAB	10/30/97
971031N04	CDN019	GRAB	10/30/97
971031N05	CDN020	GRAB	10/30/97
971031N06	CDN021	GRAB	10/30/97
971031N07	CDO001	GRAB	10/30/97
971031N08	CDO002	GRAB	10/30/97
971031N09	CDO003	GRAB	10/30/97
971031N10	CDO004	GRAB	10/30/97
971031N11	CDO005	GRAB	10/30/97
971031N12	CDO007	GRAB	10/30/97
971031N13	CDO008	GRAB	10/30/97
971031N14	CDO009	GRAB	10/30/97
971031N15	CDO010	GRAB	10/30/97
971031N16	CDO011	GRAB	10/30/97
971031N17	CDO012	GRAB	10/30/97
971031N18	CDO013	GRAB	10/30/97
971031N19	CDO014	GRAB	10/30/97
971031N20	CDO015	GRAB	10/30/97

No problems were encountered during the analyses with the following exceptions:

PCB ANALYSIS - SW-846 METHOD 8080

1. All samples were extracted by SW-846 Method 3580 medium level extraction. Matrix interference were removed using sulfuric acid cleanup to remove hydrocarbons and tert-butyl ammonium hydrogen (TBA) to remove sulfur. Samples were concentrated to a final volume of 1.0 ml.
2. Sample were analyzed by SW-846 Method 8080 using DB-608 and RTX-1701 capillary columns. A five point curve for each of the seven arochlors was analyze. A mid level check standard of each arochlor was analyzed each 24 hour period. An Arochlor 1254 check satandard was analyzed every ten samples to verify the instruments calibration. The QC limits used atre those prescribed by the method.
3. Decachlorobiphenyl and Tetrachloro-m-xylene were added as surrogates. The QC limits used for these compounds are specific to SCILAB and the extraction procedure and method analyzed.
4. The Matrix Spike/Matrix Spike Duplicate and Blank Matrix Spike were spiked with Arochlor 1254. The recovery limits for this compound were determined by the SW-846 Method 8080.

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5. The retention times for the surrogates are provided on Form 8. The surrogates were only added to the Arochlor 1254 curve. The * denotes the surrogate was not present during the analysis of this sample.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Signature: _____ Name: David J. O'Hehir

Date: 12/11/92 Title: Quality Assurance Officer

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SOIL PCB SURROGATE RECOVERY

LAB NAME: SCILAB Albany, Inc. CONTRACT:

LAB CODE: 10358 CASE NO.: SDG #: CDN016

GC COLUMN: DB608 ID: 0.53 (mm) SAS #:

GC COLUMN: RTX1701 ID: 0.53 (mm)

	EPA SAMPLE NO.	TCX 1 % REC. #	DCB 1 % REC. #	TCX 2 % REC. #	DCB 2 % REC. #	TOTAL OUT
01	PBLKS01	64	69	44	65	0
02	PBLKSMS01	75	83	55	77	0
03	CDN020	59	67	44	53	0
04	CDN020MS	36	76	67	120	0
05	CDN020MSD	75	84	59	70	0
06	CDN016	79	86	68	72	0
07	CDN017	61	66	49	56	0
08	CDN018	62	69	59	53	0
09	CDN019	68	76	69	66	0
10	CDN021	72	78	62	65	0
11	CDO001	77	83	61	66	0
12	CDO002	67	76	69	60	0
13	CDO003	67	89	64	64	0
14	CDO004	65	69	56	59	0
15	CDO005	66	80	65	57	0
16	CDO007	58	62	48	52	0
17	CDO008	68	72	62	62	0
18	CDO009	68	74	64	62	0
19	CDO010	68	74	62	67	0
20	CDO011	65	74	62	63	0
21	CDO012	64	74	54	69	0
22	CDO013	63	69	54	62	0
23	CDO014	61	65	57	60	0
24	CDO015	65	68	59	65	0
25						
26						
27						
28						
29						
30						

ADVISORY QC LIMITS
(10-106)
(21-135)

TCX = TETRACHLORO-M-XYLENE
DCB = DECACHLOROBIPHENYL

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

FORM II PCB

SOIL PCB SURROGATE RECOVERY

LAB NAME: SCILAB Albany, Inc. CONTRACT:

LAB CODE: 10358 CASE NO.: SDG #: CDN016

GC COLUMN: DB608 ID: 0.53 (mm) SAS #:

GC COLUMN: RTX1701 ID: 0.53 (mm)

	EPA SAMPLE NO.	TCX 1 % REC. #	DCB 1 % REC. #	TCX 2 % REC. #	DCB 2 % REC. #	TOTAL OUT
01	PBLKS01	64	69	44	65	0
02	PBLKSMS01	75	83	55	77	0
03	CDN020	59	67	44	53	0
04	CDN020MS	36	76	67	120	0
05	CDN020MSD	75	84	59	70	0
06	CDN016	79	86	68	72	0
07	CDN017	61	66	49	56	0
08	CDN018	62	69	59	53	0
09	CDN019	68	76	69	66	0
10	CDN021	72	78	62	65	0
11	CDO001	77	83	61	66	0
12	CDO002	67	76	69	60	0
13	CDO003	67	89	64	64	0
14	CDO004	65	69	56	59	0
15	CDO005	66	80	65	57	0
16	CDO007	58	62	48	52	0
17	CDO008	68	72	62	62	0
18	CDO009	68	74	64	62	0
19	CDO010	68	74	62	67	0
20	CDO011	65	74	62	63	0
21	CDO012	64	74	54	69	0
22	CDO013	63	69	54	62	0
23	CDO014	61	65	57	60	0
24	CDO015	65	68	59	65	0
25						
26						
27						
28						
29						
30						
					ADVISORY QC LIMITS	
					(10-106)	
					(21-135)	

TCX = TETRACHLORO-M-XYLENE
DCB = DECACHLOROBIPHENYL

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

FORM II PCB

SOIL PCB MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

LAB NAME: SCILAB Albany, Inc. CONTRACT: _____

LAB CODE: 10358 CASE NO.: _____ SAS #: _____

MATRIX SPIKE - EPA SAMPLE NO.: CDN020 SDG #: CDN016

COMPOUND	SPIKE CONC. (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC #	QC. LIMITS REC.
PCB1254	500	550	880	66	29-131

COMPOUND	SPIKE CONC. (ug/kg)	MSD CONCENTRATION (ug/kg)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
PCB1254	500	1100	110	22.2	25	29-131

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 1 outside limits
Spike Recovery 0 out of 2 outside limits

COMMENTS: _____

00007

SOIL PCB BLANK MATRIX SPIKE RECOVERY

LAB NAME: SCILAB Albany, Inc. CONTRACT: _____

LAB CODE: 10358 CASE NO.: _____ SAS #: _____

MATRIX SPIKE - EPA SAMPLE NO.: PBLKS01 SDG #: CDN016

COMPOUND	SPIKE CONC. (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC #	QC. LIMITS REC.
PCB1254	500	0.0	480	96	29-131

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery 0 out of 1 outside limits

COMMENTS: _____

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CDN016

Lab Name: SCILAB Albany, Inc. Contract

Lab Code: 10358 SAS No.: SDG No.: CDN016

Matrix: (soil/water) SOIL Lab Sample ID: 971031N01

Sample wt/vol: 1.0 (g/ml) g Lab File ID:

% Moisture 19.7 decanted: (Y/N) N Date Received: 10/31/97

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 11/6/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/97

Injection Volume: 1 (ul) Dilution Factor: 1

CAS. NO.	COMPOUND	CONCENTRATION UNITS: ug/kg (ug/L OR ug/kg)	Q
12674-11-2	PCB1016	60	U
11104-28-2	PCB1221	60	U
11141-16-5	PCB1232	60	U
53469-21-9	PCB1242	60	U
12672-29-6	PCB1248	60	U
11097-69-1	PCB1254	630	P
11096-82-5	PCB1260	350	P

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CDN017

Lab Name: SCILAB Albany, Inc. Contract

Lab Code: 10358 SAS No.: SDG No.: CDN016

Matrix: (soil/water) 9.0 Lab Sample ID: 971031N02

Sample wt/vol: 1.0 (g/ml) g Lab File ID:

% Moisture 20.9 decanted: (Y/N) N Date Received: 10/31/97

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 11/6/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/97

Injection Volume: 1 (ul) Dilution Factor: 1

CAS. NO.	COMPOUND	CONCENTRATION UNITS: ug/kg (ug/L OR ug/kg)	Q
12674-11-2	PCB1016	60	U
11104-28-2	PCB1221	60	U
11141-16-5	PCB1232	60	U
53469-21-9	PCB1242	60	U
12672-29-6	PCB1248	60	U
11097-69-1	PCB1254	510	
11096-82-5	PCB1260	270	P

00010

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CDN018

Lab Name: SCILAB Albany, Inc. Contract

Lab Code: 10358 SAS No.: SDG No.: CDN016

Matrix: (soil/water) SOIL Lab Sample ID: 971031N03

Sample wt/vol: 1.0 (g/ml) g Lab File ID:

% Moisture 23.4 decanted: (Y/N) N Date Received: 10/31/97

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 11/6/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/97

Injection Volume: 1 (ul) Dilution Factor: 1

CAS. NO.	COMPOUND	CONCENTRATION UNITS: ug/kg (ug/L OR ug/kg)	Q
12674-11-2	PCB1016	60	U
11104-28-2	PCB1221	60	U
11141-16-5	PCB1232	60	U
53469-21-9	PCB1242	60	U
12672-29-6	PCB1248	60	U
11097-69-1	PCB1254	1000	
11096-82-5	PCB1260	440	P

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CDN019

Lab Name: SCILAB Albany, Inc. Contract

Lab Code: 10358 SAS No.: SDG No.: CDN016

Matrix: (soil/water) SOIL Lab Sample ID: 971031N04

Sample wt/vol: 1.0 (g/ml) g Lab File ID:

% Moisture 33.4 decanted: (Y/N) N Date Received: 10/31/97

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 11/6/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/27/97

Injection Volume: 1 (ul) Dilution Factor: 10

CAS. NO.	COMPOUND	CONCENTRATION UNITS: ug/kg (ug/L OR ug/kg)	Q
12674-11-2	PCB1016	700	U
11104-28-2	PCB1221	700	U
11141-16-5	PCB1232	700	U
53469-21-9	PCB1242	700	U
12672-29-6	PCB1248	700	U
11097-69-1	PCB1254	1800	P
11096-82-5	PCB1260	700	U

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CDN020

Lab Name: SCILAB Albany, Inc. Contract

Lab Code: 10358 SAS No.: SDG No.: CDN016

Matrix: (soil/water) SOIL Lab Sample ID: 971031N05

Sample wt/vol: 1.0 (g/ml) g Lab File ID:

% Moisture 30.9 decanted: (Y/N) N Date Received: 10/31/97

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 11/6/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/97

Injection Volume: 1 (ul) Dilution Factor: 1

CAS. NO.	COMPOUND	CONCENTRATION UNITS: ug/kg (ug/L OR ug/kg)	Q
12674-11-2	PCB1016	70	U
11104-28-2	PCB1221	70	U
11141-16-5	PCB1232	70	U
53469-21-9	PCB1242	70	U
12672-29-6	PCB1248	70	U
11097-69-1	PCB1254	550	
11096-82-5	PCB1260	260	P

00013

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CDN021

Lab Name: SCILAB Albany, Inc. Contract

Lab Code: 10358 SAS No.: SDG No.: CDN016

Matrix: (soil/water) SOIL Lab Sample ID: 971031N06

Sample wt/vol: 1.0 (g/ml) g Lab File ID:

% Moisture 17.8 decanted: (Y/N) N Date Received: 10/31/97

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 11/6/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/97

Injection Volume: 1 (ul) Dilution Factor: 1

CAS. NO.	COMPOUND	CONCENTRATION UNITS: ug/kg (ug/L OR ug/kg)	Q
12674-11-2	PCB1016	60	U
11104-28-2	PCB1221	60	U
11141-16-5	PCB1232	60	U
53469-21-9	PCB1242	60	U
12672-29-6	PCB1248	60	U
11097-69-1	PCB1254	570	
11096-82-5	PCB1260	240	P

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CD0001

Lab Name: SCILAB Albany, Inc. Contract

Lab Code: 10358 SAS No.: SDG No.: CDN016

Matrix: (soil/water) SOIL Lab Sample ID: 971031N07

Sample wt/vol: 1.0 (g/ml) g Lab File ID:

% Moisture 21.7 decanted: (Y/N) N Date Received: 10/31/97

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 11/6/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/97

Injection Volume: 1 (ul) Dilution Factor: 1

CAS. NO.	COMPOUND	CONCENTRATION UNITS: ug/kg (ug/L OR ug/kg)	Q
12674-11-2	PCB1016	60	U
11104-28-2	PCB1221	60	U
11141-16-5	PCB1232	60	U
53469-21-9	PCB1242	60	U
12672-29-6	PCB1248	60	U
11097-69-1	PCB1254	870	
11096-82-5	PCB1260	400	P

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CDO002

Lab Name: SCILAB Albany, Inc. Contract

Lab Code: 10358 SAS No.: SDG No.: CDN016

Matrix: (soil/water) SOIL Lab Sample ID: 971031N08

Sample wt/vol: 1.0 (g/ml) g Lab File ID:

% Moisture 16.9 decanted: (Y/N) N Date Received: 10/31/97

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 11/6/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/97

Injection Volume: 1 (ul) Dilution Factor: 1

CAS. NO.	COMPOUND	CONCENTRATION UNITS: ug/kg (ug/L OR ug/kg)	Q
12674-11-2	PCB1016	60	U
11104-28-2	PCB1221	60	U
11141-16-5	PCB1232	60	U
53469-21-9	PCB1242	60	U
12672-29-6	PCB1248	60	U
11097-69-1	PCB1254	310	P
11096-82-5	PCB1260	160	P

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CD0003

Lab Name: SCILAB Albany, Inc. Contract

Lab Code: 10358 SAS No.: SDG No.: CDN016

Matrix: (soil/water) SOIL Lab Sample ID: 971031N09

Sample wt/vol: 1.0 (g/ml) g Lab File ID:

% Moisture 15.5 decanted: (Y/N) N Date Received: 10/31/97

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 11/6/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/97

Injection Volume: 1 (ul) Dilution Factor: 1

CAS. NO.	COMPOUND	CONCENTRATION UNITS: ug/kg (ug/L OR ug/kg)	Q
12674-11-2	PCB1016	60	U
11104-28-2	PCB1221	60	U
11141-16-5	PCB1232	60	U
53469-21-9	PCB1242	60	U
12672-29-6	PCB1248	60	U
11097-69-1	PCB1254	230	P
11096-82-5	PCB1260	130	P

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CD0004

Lab Name: SCILAB Albany, Inc. Contract

Lab Code: 10358 SAS No.: SDG No.: CDN016

Matrix: (soil/water) SOIL Lab Sample ID: 971031N10

Sample wt/vol: 1.0 (g/ml) g Lab File ID:

% Moisture 14.1 decanted: (Y/N) N Date Received: 10/31/97

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 11/6/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/97

Injection Volume: 1 (ul) Dilution Factor: 1

CAS. NO.	COMPOUND	CONCENTRATION UNITS: ug/kg (ug/L OR ug/kg)	Q
12674-11-2	PCB1016	60	U
11104-28-2	PCB1221	60	U
11141-16-5	PCB1232	60	U
53469-21-9	PCB1242	60	U
12672-29-6	PCB1248	60	U
11097-69-1	PCB1254	140	P
11096-82-5	PCB1260	90	P

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CD0005

Lab Name: SCILAB Albany, Inc. Contract

Lab Code: 10358 SAS No.: SDG No.: CDN016

Matrix: (soil/water) SOIL Lab Sample ID: 971031N11

Sample wt/vol: 1.0 (g/ml) g Lab File ID:

% Moisture 15.8 decanted: (Y/N) N Date Received: 10/31/97

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 11/6/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/97

Injection Volume: 1 (ul) Dilution Factor: 1

CAS. NO.	COMPOUND	CONCENTRATION UNITS: ug/kg (ug/L OR ug/kg)	Q
12674-11-2	PCB1016	60	U
11104-28-2	PCB1221	60	U
11141-16-5	PCB1232	60	U
53469-21-9	PCB1242	60	U
12672-29-6	PCB1248	60	U
11097-69-1	PCB1254	220	P
11096-82-5	PCB1260	310	

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CDO007

Lab Name: SCILAB Albany, Inc. Contract

Lab Code: 10358 SAS No.: SDG No.: CDN016

Matrix: (soil/water) SOIL Lab Sample ID: 971031N12

Sample wt/vol: 1.0 (g/ml) g Lab File ID:

% Moisture 15.5 decanted: (Y/N) N Date Received: 10/31/97

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 11/6/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/97

Injection Volume: 1 (ul) Dilution Factor: 1

CAS. NO.	COMPOUND	CONCENTRATION UNITS: ug/kg (ug/L OR ug/kg)	Q
12674-11-2	PCB1016	60	U
11104-28-2	PCB1221	60	U
11141-16-5	PCB1232	60	U
53469-21-9	PCB1242	60	U
12672-29-6	PCB1248	60	U
11097-69-1	PCB1254	100	P
11096-82-5	PCB1260	60	P

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CD0008

Lab Name: SCILAB Albany, Inc. Contract

Lab Code: 10358 SAS No.: SDG No.: CDN016

Matrix: (soil/water) SOIL Lab Sample ID: 971031N13

Sample wt/vol: 1.0 (g/ml) g Lab File ID:

% Moisture 13.3 decanted: (Y/N) N Date Received: 10/31/97

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 11/6/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/97

Injection Volume: 1 (ul) Dilution Factor: 1

CAS. NO.	COMPOUND	CONCENTRATION UNITS: ug/kg (ug/L OR ug/kg)	Q
12674-11-2	PCB1016	60	U
11104-28-2	PCB1221	60	U
11141-16-5	PCB1232	60	U
53469-21-9	PCB1242	60	U
12672-29-6	PCB1248	60	U
11097-69-1	PCB1254	120	P
11096-82-5	PCB1260	60	U

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CD0009

Lab Name: SCILAB Albany, Inc. Contract

Lab Code: 10358 SAS No.: SDG No.: CDN016

Matrix: (soil/water) SOIL Lab Sample ID: 971031N14

Sample wt/vol: 1.0 (g/ml) g Lab File ID:

% Moisture 38.8 decanted: (Y/N) N Date Received: 10/31/97

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 11/6/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/97

Injection Volume: 1 (ul) Dilution Factor: 1

CAS. NO.	COMPOUND	CONCENTRATION UNITS: ug/kg (ug/L OR ug/kg)	Q
12674-11-2	PCB1016	80	U
11104-28-2	PCB1221	80	U
11141-16-5	PCB1232	80	U
53469-21-9	PCB1242	80	U
12672-29-6	PCB1248	80	U
11097-69-1	PCB1254	310	P
11096-82-5	PCB1260	80	P

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CD0010

Lab Name: SCILAB Albany, Inc. Contract

Lab Code: 10358 SAS No.: SDG No.: CDN016

Matrix: (soil/water) SOIL Lab Sample ID: 971031N15

Sample wt/vol: 1.0 (g/ml) g Lab File ID:

% Moisture 18.6 decanted: (Y/N) N Date Received: 10/31/97

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 11/6/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/97

Injection Volume: 1 (ul) Dilution Factor: 1

CAS. NO.	COMPOUND	CONCENTRATION UNITS: ug/kg (ug/L OR ug/kg)	Q
12674-11-2	PCB1016	60	U
11104-28-2	PCB1221	60	U
11141-16-5	PCB1232	60	U
53469-21-9	PCB1242	60	U
12672-29-6	PCB1248	60	U
11097-69-1	PCB1254	80	P
11096-82-5	PCB1260	70	P

00023

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CD0011

Lab Name: SCILAB Albany, Inc. Contract

Lab Code: 10358 SAS No.: SDG No.: CDN016

Matrix: (soil/water) SOIL Lab Sample ID: 971031N16

Sample wt/vol: 1.0 (g/ml) g Lab File ID:

% Moisture 20.1 decanted: (Y/N) N Date Received: 10/31/97

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 11/6/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/97

Injection Volume: 1 (ul) Dilution Factor: 1

CAS. NO.	COMPOUND	CONCENTRATION UNITS: ug/kg (ug/L OR ug/kg)	Q
12674-11-2	PCB1016	60	U
11104-28-2	PCB1221	60	U
11141-16-5	PCB1232	60	U
53469-21-9	PCB1242	60	U
12672-29-6	PCB1248	60	U
11097-69-1	PCB1254	110	
11096-82-5	PCB1260	60	U

00024

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CD0012

Lab Name: SCILAB Albany, Inc. Contract

Lab Code: 10358 SAS No.: SDG No.: CDN016

Matrix: (soil/water) SOIL Lab Sample ID: 971031N17

Sample wt/vol: 1.0 (g/ml) g Lab File ID:

% Moisture 13.9 decanted: (Y/N) N Date Received: 10/31/97

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 11/6/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/97

Injection Volume: 1 (ul) Dilution Factor: 1

CAS. NO.	COMPOUND	CONCENTRATION UNITS: ug/kg (ug/L OR ug/kg)	Q
12674-11-2	PCB1016	60	U
11104-28-2	PCB1221	60	U
11141-16-5	PCB1232	60	U
53469-21-9	PCB1242	60	U
12672-29-6	PCB1248	60	U
11097-69-1	PCB1254	130	P
11096-82-5	PCB1260	70	P

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CDO013

Lab Name: SCILAB Albany, Inc. Contract

Lab Code: 10358 SAS No.: SDG No.: CDN016

Matrix: (soil/water) SOIL Lab Sample ID: 971031N18

Sample wt/vol: 1.0 (g/ml) g Lab File ID:

% Moisture 14.0 decanted: (Y/N) N Date Received: 10/31/97

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 11/6/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/97

Injection Volume: 1 (ul) Dilution Factor: 1

CAS. NO.	COMPOUND	CONCENTRATION UNITS: ug/kg (ug/L OR ug/kg)	Q
12674-11-2	PCB1016	60	U
11104-28-2	PCB1221	60	U
11141-16-5	PCB1232	60	U
53469-21-9	PCB1242	60	U
12672-29-6	PCB1248	60	U
11097-69-1	PCB1254	90	P
11096-82-5	PCB1260	70	P

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CDO014

Lab Name: SCILAB Albany, Inc. Contract

Lab Code: 10358 SAS No.: SDG No.: CDN016

Matrix: (soil/water) SOIL Lab Sample ID: 971031N19

Sample wt/vol: 1.0 (g/ml) g Lab File ID:

% Moisture 23.2 decanted: (Y/N) N Date Received: 10/31/97

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 11/6/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/97

Injection Volume: 1 (ul) Dilution Factor: 1

CAS. NO.	COMPOUND	CONCENTRATION UNITS: ug/kg (ug/L OR ug/kg)	Q
12674-11-2	PCB1016	60	U
11104-28-2	PCB1221	60	U
11141-16-5	PCB1232	60	U
53469-21-9	PCB1242	60	U
12672-29-6	PCB1248	60	U
11097-69-1	PCB1254	110	
11096-82-5	PCB1260	60	P

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CD0015

Lab Name: SCILAB Albany, Inc. Contract

Lab Code: 10358 SAS No.: SDG No.: CDN016

Matrix: (soil/water) SOIL Lab Sample ID: 971031N20

Sample wt/vol: 1.0 (g/ml) g Lab File ID:

% Moisture 23.9 decanted: (Y/N) N Date Received: 10/31/97

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 11/6/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/97

Injection Volume: 1 (ul) Dilution Factor: 1

CAS. NO.	COMPOUND	CONCENTRATION UNITS: ug/kg (ug/L OR ug/kg)	Q
12674-11-2	PCB1016	70	U
11104-28-2	PCB1221	70	U
11141-16-5	PCB1232	70	U
53469-21-9	PCB1242	70	U
12672-29-6	PCB1248	70	U
11097-69-1	PCB1254	220	P
11096-82-5	PCB1260	150	P

PCB METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLKS01

Lab Name: SCILAB Albany, Inc. Contract: _____

Lab Code: 10358 SAS No.: _____ SDG No.: CDN016

Lab Sample ID: PBLKS01 11/06/97 Lab File ID: _____

Matrix: (soil/water) SOIL Extraction:(SepF/Cont/Sonc) Sonc

Date Extracted: 11/6/97 Date Analyzed: 11/25/97

Instrument ID: GC8 Time Analyzed: 5:03

GC Column RTX170 ID: 0.53 (mm) Sulfur Cleanup:(Y/ N

GC Column DB608 ID: 0.53 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	PBLKSMS01	PBLKSMS 11/06/9	11/25/97
02	CDN020	971031N05	11/25/97
03	CDN020MS	971031N05MS	11/25/97
04	CDN020MSD	971031N05MSD	11/25/97
05	CDN016	971031N01	11/25/97
06	CDN017	971031N02	11/25/97
07	CDN018	971031N03	11/25/97
08	CDN019	971031N04	11/27/97
09	CDN021	971031N06	11/25/97
10	CDO001	971031N07	11/25/97
11	CDO002	971031N08	11/25/97
12	CDO003	971031N09	11/25/97
13	CDO004	971031N10	11/25/97
14	CDO005	971031N11	11/25/97
15	CDO007	971031N12	11/25/97
16	CDO008	971031N13	11/25/97
17	CDO009	971031N14	11/25/97
18	CDO010	971031N15	11/25/97
19	CDO011	971031N16	11/25/97
20	CDO012	971031N17	11/25/97
21	CDO013	971031N18	11/25/97
22	CDO014	971031N19	11/25/97
23	CDO015	971031N20	11/25/97
24			
25			

COMMENTS: _____

FORM IV PCB

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLKS01

Lab Name: SCILAB Albany, Inc. Contract

Lab Code: 10358 SAS No.: SDG No.: CDN016

Matrix: (soil/water) SOIL Lab Sample ID: PBLKS 11/6/97

Sample wt/vol: 1.0 (g/ml) g Lab File ID:

% Moisture 0.0 decanted: (Y/N) N Date Received: 10/31/97

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 11/6/97

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/97

Injection Volume: 1 (ul) Dilution Factor: 1

CAS. NO.	COMPOUND	CONCENTRATION UNITS: ug/kg (ug/L OR ug/kg)	Q
12674-11-2	PCB1016	50	U
11104-28-2	PCB1221	50	U
11141-16-5	PCB1232	50	U
53469-21-9	PCB1242	50	U
12672-29-6	PCB1248	50	U
11097-69-1	PCB1254	50	U
11096-82-5	PCB1260	50	U

PCB CALIBRATION VERIFICATION SUMMARY

LAB NAME: SCILAB Albany, Inc. CONTRACT: _____ SAS #: _____

LAB CODE: 10358 CASE NO.: _____ SDG #: CDN016

GC COLUMN: DB608 ID: 0.53 (mm) INIT. CAL. DATE(S 11/24-11/25

COMPOUND	DATE INJECTED	TIME INJECTED	CALC AMOUNT MCG/ML	NOM AMOUNT MCG/ML	% REC
PCB 1016	11/25/97	2:47	0.511	0.5	102.2
PCB 1221	11/25/97	3:09	0.539	0.5	107.8
PCB 1232	11/25/97	3:32	0.526	0.5	105.2
PCB 1242	11/25/97	3:55	0.536	0.5	107.2
PCB 1248	11/25/97	4:17	0.532	0.5	106.4
PCB 1254	11/25/97	4:40	0.51	0.5	102.0
PCB 1260	11/25/97	2:47	0.522	0.5	104.4

GC COLUMN: RTX1701 ID: 0.53 (mm) INIT. CAL. DATE(S 11/24-11/25

COMPOUND	DATE INJECTED	TIME INJECTED	CALC AMOUNT MCG/ML	NOM AMOUNT MCG/ML	% REC
PCB 1016	11/25/97	2:47	0.501	0.5	100.2
PCB 1221	11/25/97	3:09	0.504	0.5	100.8
PCB 1232	11/25/97	3:32	0.516	0.5	103.2
PCB 1242	11/25/97	3:55	0.521	0.5	104.2
PCB 1248	11/25/97	4:17	0.537	0.5	107.4
PCB 1254	11/25/97	4:40	0.518	0.5	103.6
PCB 1260	11/25/97	2:47	0.498	0.5	99.6

QC LIMITS: % REC OF AMOUNTS IN THE STANDARD CHECKS MUST BE WITHIN 85-115%.

PCB CALIBRATION VERIFICATION SUMMARY

LAB NAME: SCILAB Albany, Inc. CONTRACT: _____ SAS #: _____

LAB CODE: 10358 CASE NO.: _____ SDG #: CDN016

GC COLUMN: DB608 ID: 0.53 (mm) INIT. CAL. DATE(S 11/24-11/25

COMPOUND	DATE INJECTED	TIME INJECTED	CALC AMOUNT MCG/ML	NOM AMOUNT MCG/ML	% REC
PCB 1016				0.8	0.0
PCB 1221				0.8	0.0
PCB 1232				0.8	0.0
PCB 1242				0.8	0.0
PCB 1248				0.8	0.0
PCB 1254	11/25/97	8:50	0.501	0.5	100.2
PCB 1260				0.5	0.0

GC COLUMN: RTX1701 ID: 0.53 (mm) INIT. CAL. DATE(S 11/24-11/25

COMPOUND	DATE INJECTED	TIME INJECTED	CALC AMOUNT MCG/ML	NOM AMOUNT MCG/ML	% REC
PCB 1016				0.8	0.0
PCB 1221				0.8	0.0
PCB 1232				0.8	0.0
PCB 1242				0.8	0.0
PCB 1248				0.8	0.0
PCB 1254	11/25/97	8:50	0.463	0.5	92.6
PCB 1260				0.8	0.0

QC LIMITS: % REC OF AMOUNTS IN THE STANDARD CHECKS MUST BE WITHIN 85-115%.

PCB CALIBRATION VERIFICATION SUMMARY

LAB NAME: SCILAB Albany, Inc. CONTRACT: _____ SAS #: _____

LAB CODE: 10358 CASE NO.: _____ SDG #: CDN016

GC COLUMN: DB608 ID: 0.53 (mm) INIT. CAL. DATE(S 11/24-11/25

COMPOUND	DATE INJECTED	TIME INJECTED	CALC AMOUNT MCG/ML	NOM AMOUNT MCG/ML	% REC
PCB 1016				0.8	0.0
PCB 1221				0.8	0.0
PCB 1232				0.8	0.0
PCB 1242				0.8	0.0
PCB 1248				0.8	0.0
PCB 1254	11/25/97	13:00	0.497	0.5	99.4
PCB 1260				0.8	0.0

GC COLUMN: RTX1701 ID: 0.53 (mm) INIT. CAL. DATE(S 11/24-11/25

COMPOUND	DATE INJECTED	TIME INJECTED	CALC AMOUNT MCG/ML	NOM AMOUNT MCG/ML	% REC
PCB 1016				0.8	0.0
PCB 1221				0.8	0.0
PCB 1232				0.8	0.0
PCB 1242				0.8	0.0
PCB 1248				0.8	0.0
PCB 1254	11/25/97	13:00	0.5	0.5	100.0
PCB 1260				0.8	0.0

QC LIMITS: % REC OF AMOUNTS IN THE STANDARD CHECKS MUST BE WITHIN 85-115%.

PCB CALIBRATION VERIFICATION SUMMARY

LAB NAME: SCILAB Albany, Inc. CONTRACT: _____ SAS #: _____

LAB CODE: 10358 CASE NO.: _____ SDG #: CDN016

GC COLUMN: DB608 ID: 0.53 (mm) INIT. CAL. DATE(S 11/24-11/25

COMPOUND	DATE INJECTED	TIME INJECTED	CALC AMOUNT MCG/ML	NOM AMOUNT MCG/ML	% REC
PCB 1016				0.8	0.0
PCB 1221				0.8	0.0
PCB 1232				0.8	0.0
PCB 1242				0.8	0.0
PCB 1248				0.8	0.0
PCB 1254	11/25/97	16:56	0.52	0.5	104.0
PCB 1260				0.8	0.0

GC COLUMN: RTX1701 ID: 0.53 (mm) INIT. CAL. DATE(S 11/24-11/25

COMPOUND	DATE INJECTED	TIME INJECTED	CALC AMOUNT MCG/ML	NOM AMOUNT MCG/ML	% REC
PCB 1016				0.8	0.0
PCB 1221				0.8	0.0
PCB 1232				0.8	0.0
PCB 1242				0.8	0.0
PCB 1248				0.8	0.0
PCB 1254	11/25/97	16:56	0.516	0.5	103.2
PCB 1260				0.8	0.0

QC LIMITS: % REC OF AMOUNTS IN THE STANDARD CHECKS MUST BE WITHIN 85-115%.

PCB CALIBRATION VERIFICATION SUMMARY

LAB NAME: SCILAB Albany, Inc. CONTRACT: _____ SAS #: _____

LAB CODE: 10358 CASE NO.: _____ SDG #: CDN016

GC COLUMN: DB608 ID: 0.53 (mm) INIT. CAL. DATE(S 11/24-11/25

COMPOUND	DATE INJECTED	TIME INJECTED	CALC AMOUNT MCG/ML	NOM AMOUNT MCG/ML	% REC
PCB 1016	11/26/97	14:30	0.729	0.8	91.1
PCB 1221	11/26/97	14:53	0.51	0.5	102.0
PCB 1232	11/26/97	15:16	0.772	0.8	96.5
PCB 1242	11/26/97	15:41	0.775	0.8	96.9
PCB 1248	11/26/97	16:07	0.764	0.8	95.5
PCB 1254	11/26/97	16:32	0.786	0.8	98.3
PCB 1260	11/26/97	14:30	0.716	0.8	89.5

GC COLUMN: RTX1701 ID: 0.53 (mm) INIT. CAL. DATE(S 11/24-11/25

COMPOUND	DATE INJECTED	TIME INJECTED	CALC AMOUNT MCG/ML	NOM AMOUNT MCG/ML	% REC
PCB 1016	11/26/97	14:30	0.733	0.8	91.6
PCB 1221	11/26/97	14:53	0.466	0.5	93.2
PCB 1232	11/26/97	15:16	0.777	0.8	97.1
PCB 1242	11/26/97	15:41	0.766	0.8	95.8
PCB 1248	11/26/97	16:07	0.769	0.8	96.1
PCB 1254	11/26/97	16:32	0.788	0.8	98.5
PCB 1260	11/26/97	14:30	0.74	0.8	92.5

QC LIMITS: % REC OF AMOUNTS IN THE STANDARD CHECKS MUST BE WITHIN 85-115%.

PCB CALIBRATION VERIFICATION SUMMARY

LAB NAME: SCILAB Albany, Inc. CONTRACT: _____ SAS #: _____

LAB CODE: 10358 CASE NO.: _____ SDG #: CDN016

GC COLUMN: DB608 ID: 0.53 (mm) INIT. CAL. DATE(S 11/24-11/25

COMPOUND	DATE INJECTED	TIME INJECTED	CALC AMOUNT MCG/ML	NOM AMOUNT MCG/ML	% REC
PCB 1016				0.8	0.0
PCB 1221				0.8	0.0
PCB 1232				0.8	0.0
PCB 1242				0.8	0.0
PCB 1248				0.8	0.0
PCB 1254	11/27/97	12:41	0.561	0.5	112.2
PCB 1260				0.5	0.0

GC COLUMN: RTX1701 ID: 0.53 (mm) INIT. CAL. DATE(S 11/24-11/25

COMPOUND	DATE INJECTED	TIME INJECTED	CALC AMOUNT MCG/ML	NOM AMOUNT MCG/ML	% REC
PCB 1016				0.8	0.0
PCB 1221				0.8	0.0
PCB 1232				0.8	0.0
PCB 1242				0.8	0.0
PCB 1248				0.8	0.0
PCB 1254	11/27/97	12:41	0.566	0.5	113.2
PCB 1260				0.5	0.0

QC LIMITS: % REC OF AMOUNTS IN THE STANDARD CHECKS MUST BE WITHIN 85-115%.