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CHAIN OF CUSTODY DOCUMENTS

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Rev. 07/10/02

167901 1630200005/ST.Cl
Sauget Sites
S. F. Tech

ARDL Inc.
applied research & development laboratory

CHEMISTRY · BIOLOGY · PHYSIOLOGY
ENGINEERING · ENVIRONMENTAL ANALYSIS

9 December 1994

Mr. Ron Turpin
Division of Laboratories # 4
Illinois Environmental Protection Agency
2200 Churchill Road
Springfield, IL 62706

RECEIVED
DEC 12 1994
IEPA/DLPC

SUBJECT: Data Package Submittal
Facility: Sauget SA 1 & 2
ARDL ID No.: 2344
Site Inventory No.: 1630200005
Due Date: 12/12/94

Dear Mr. Turpin:

Enclosed please find ARDL's data package for analyses performed on samples delivered to our laboratory on 11/12/94. The data package consists of the following:

1. Letter of Transmittal
2. Tabulated Analytical Results
3. Chain-of-Custody Documentation
4. Data Package - Paginated and submitted in the following order:

   a. Volume 1 - Inorganic Analysis Data Package
   b. Volume 2 - Organic Sample Data Summary Package
   c. Volume 3 - Volatiles Analysis Data Package
   d. Volume 4 - Semi-Volatiles Analysis Data Package
   e. Volume 5 - Pesticide/PCB Analysis Data Package

I have forwarded one (1) copy of the sample results for this package to Sue Doubet, IEPA.

We appreciate the opportunity to be of service to the IEPA.

Thank you.

Sincerely yours,

Daniel J. Gillespie
Technical Services Manager

DJG/jcm

Enclosure

P.O. Box 1566 · Mt. Vernon Airport, Route 15 East · Mt. Vernon, Illinois 62864 · (618) 244-3235 · FAX (618) 244-1149
"Test Everything - Keep The Good" 1 Thes. 5:21

SPH - CLP
CHAIN OF CUSTODY

Seal # 1111

Date Sealed: 11/8/94 By: MM

Facility Name : SAUGET SITE AREA #1 + #2
Region: COLLINSVILLE
County: ST CLAIR

Site Inventory # : 1630200005
Site Billing Code: IDPH/MONICA REBBE
Project Manager : PAUL TACKACS

Laboratory #	Sample ID	Sample Date	Sample Time
ARDL 3242	X112	11-10-94	10:00AM

Sample Appearance : BLACKISH WASTE MAT'L W/ SOIL CRUMBLY

Collector Comments:

Sampler Signature : Tom Miller Division/Company IEPA/FOS

CONTAINER				ANALYSIS	FILTERED	
No.	Code	Size	Preser		(Y/N)	Date
2	14	2oz	N	VOA	N	
1	19	16ozO	N	BNA,PEST/PCB	N	
1	286	16ozI	N	TOTAL METALS,CYANIDE,	N	
	287		N	SULFIDE,SULFATE	N	

CHAIN OF CUSTODY CHRONICLE

Certify that I received the sample shipping container with the shipping container sealed and [illegible]

Print Name: PAUL TAKACS Signature: Paul S. Takacs

11-10-94 7:20AM 9947 G

Certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Print Name: PAUL TAKACS Signature: Paul S. Takacs

Date: 11-10-94 Time: 12:57PM Seal # 9948

IEPA/ARDL

Courier - Sample Delivery - Courier

I certify that I received the sample shipping container from the courier listed below [illegible] that each bottle in the shipping container was intact after recording the sample [illegible] the custody of competent laboratory personnel at all times or locked in a secured [illegible]

Opened by (print): DONNA COCKRUM Signature: Donna Cockrum

Date: 11-10-94 Time: 1700 Seal #: 9943

Lab Name: ARDL, INC

CHAIN OF CUSTODY

Date Sealed: 11/8/94 By: [illegible]

Facility
Name : SAUGET SITE AREA #1 + #2
Region: COLLINSVILLE
County: ST. CLAIR

Site Inventory # : 1630200005
Site Billing Code: IDPH/MONICA REDISE
Project manager : PAUL TAKACS

Laboratory #:	Sample #	Sample Date	Time
ARDL 23442	X113	11-10-94	10:15 AM

Sample Comparance : SIMILAR TO X112

Collector Comments:

Sampler Signature : Tom Miller Division/Company IEPA/FOS

CONTAINER				ANALYSIS	
No.	Code	Size	Preser		(Y/N)
2	14	2oz	N	VOA	N
1	19	16ozO	N	BNA,PEST/PCB	N
1	286	16ozI	N	TOTAL METALS,CYANIDE,	N
	287		N	SULFIDE,SULFATE	N

CHAIN OF CUSTODY CHRONICLE

I certify that I received the sample shipping container with the sample container sealed as listed.

Name: PAUL TAKACS Signature: Paul S. Takacs

11-10-94 7:20AM 9947 0

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Name of Collector: PAUL TAKACS Signature: Paul S. Takacs

11-10-94 Time: 12:57PM Seal # 9948

Agency: IEPA/ARDL

Courier - Sample Delivery: Courier

I certify that I received the sample shipping container from the courier listed above without tampering and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Dawna Cockrell Signature: [illegible]

Date: 11/10/94 Time: 1700 Seal # 9948 Intact: Y

Lab Name: ARDL, INC. Department: [illegible]

CHAIN OF CUSTODY

Date Sealed: 11/8/94 By: [illegible]

Facility Name : SAUGET SITE AREA #1 + #2
Location: COLLINSVILLE
County: ST. CLAIR

Site Inventory # : 1630200005
Site Billing Code: IDPH/MONICA REBBE
Project Manager : PAUL TACKACS

Laboratory #			
ARDL 2345-3	X114	11-10-94	11:15 a.m.

Visible Appearance : Brown - waste material

Collector Comments:

Transfer Signature : Tom Miller Division/Company IEPA/FOS

CONTAINER				ANALYSIS	
No.	Code	Size	Preser		(Y/N)
2	14	2oz	N	VOA	N
1	19	16ozO	N	BNA, PEST/PCB	N
1	286	16ozI	N	TOTAL METALS, CYANIDE,	N
	287		N	SULFIDE, SULFATE	N

CHAIN OF CUSTODY SIGNATURE

I certify that I received the sample shipping container with the shipping container sealed and intact.

Print Name: PAUL TARACS Signature: Paul E. Taracs

11-10-94 7:43AM 9945 0

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Collector (print): Monica Rebbe Signature: Monica Rebbe

Date: 11-10-94 Time: 12:55 p.m. Seal #: 9946

Agency/Company: IEPA \ ARDL

Courier - Sample Delivery: Courier

I certify that I received the sample shipping container from the courier listed above [illegible] that each bottle in the shipping container was intact. After recording the sample in the [illegible] record book, the sample will be in the custody of competent laboratory personnel at all times, or locked in a secured area.

Opened by (print): DONNA COCHRAN Signature: [illegible]

Date: 11/10/94 Time: 1700 Seal #: 9946 Intact: (Y) N

Lab Name: ARDL INC Comments:

HAIN OF CUSTODY

Date Sealed: 11/8/94 By: [illegible]

acility
ame : SAUGET SITE AREA #1 + #2
egion: COLLINSVILLE
ounty: ST. CLAIR

Site Inventory # : [illegible]
Site Billing Code: IDPH/MONICA REBBE
Project Manager : PAUL TAKACS

Laboratory #	Sample	Sample Date	Time
ARDL-1344-4	X115	11-10-94	11:30 a.m.

Sample Appearance : Brown - waste material

Collector Comments:

Collector Signature : Tom Miller Division/Company IEPA/FOS

CONTAINER				ANALYSIS	
No.	Code	Size	Preser		(Y/N)
2	14	2oz	✓	VOA	✓
1	19	16ozO	✓	BNA, PEST/PCB	✓
1	286	16ozI	✓	TOTAL METALS, CYANIDE,	✓
	287		✓	SULFIDE, SULFATE	✓

CHAIN OF CUSTODY CHRONOLOGY

I certify that I received the sample shipping container with the sampling container sealed and intact.

Paul Takacs Signature: Paul Takacs

11-10-94 7:43AM 9945

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Collector (print): Monica Rebbe Signature: Monica Rebbe

11-10-94 Time: 12:55 p.m. Seal #: 9946

Agency: IEPA \ ARDL

Courier - Sample Delivery: Courier

I certify that I received the sample shipping container from the courier listed above, that the shipping container seal was intact, that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Donna Cockrum Signature: Donna Cockrum

Date: 11-10-94 Time: 1700 Seal #: 9946 Intact: (Y) N

Lab Name: ARDL, INC. Comments:

HAIN OF CUSTODY

Date Sealed: 11/8/94 By: [illegible]

acility
ame : SAUGET SITE AREA #1 + #2
egion: COLLINSVILLE
ounty: ST.CLAIR

Site Inventory # : 1630200005
Site Billing Code: IDPH MONICA REBBE
Project Manager : PAUL TAKACS

Laboratory #	Sample #	Sample Date	Sample Time
ARDL 12345	X116	11-10-94	11:40AM

ample Appearance : YELLOWISH-BROWN WASTE MATL. ODOR

ollector Comments:

ampler Signature: Tom Miller Division/Company: IEPA/FOS

CONTAINER				ANALYSIS	
No.	Code	Size	Preser		(Y/N)
2	14	2oz	N	VOA	N
1	19	16ozO	N	BNA,PEST/PCB	N
1	286	16ozI	N	TOTAL METALS,CYANIDE,	N
	287		N	SULFIDE,SULFATE	N

CHAIN OF POSSESSION RECORD

ertify that I received the sample shipping container with the shipping container sealed.

Print: PAUL TAKACS Signature: [signature]

11-10-94 8:00AM 9943 0

ertify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the ample shipping container and that I sealed the sample shipping container at the date and time listed below.

Print: PAUL TAKACS Signature: [signature]

11-10-94 Time: 1:05PM 9944

Firm: IEPA/ARDL

Courier - Sample Delivery: Courier

I certify that I received the sample shipping container from the courier listed above with the shipping container sealed and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): David Cockrum Signature: [signature]

Date: 11/10/94 Time: 1700 Seal #: 9944 Intact: (Y)/N

Lab Name: ARDL INC Comments:

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X112

Lab Name: ARDL, INC. Contract No.: 2344

Lab Code: ARDL Case No.: BBE SAS No.: _____ SDG No.: X112

Matrix (soil/water): SOIL Lab Sample ID: 2344-1

Level (low/med): LOW Date Received: 11/12/94

% Solids: 82.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1470			P
7440-36-0	Antimony	4.8	U	N	P
7440-38-2	Arsenic	6.4		S	F
7440-39-3	Barium	47.8	B		P
7440-41-7	Beryllium	0.24	U		P
7440-43-9	Cadmium	56.2			P
7440-70-2	Calcium	8680			P
7440-47-3	Chromium	4.5			P
7440-48-4	Cobalt	3.6	B		P
7440-50-8	Copper	20.1			P
7439-89-6	Iron	11000			P
7439-92-1	Lead	16.7			F
7439-95-4	Magnesium	2020			P
7439-96-5	Manganese	280			P
7439-97-6	Mercury	0.12	U		CV
7440-02-0	Nickel	8.4	B		P
7440-09-7	Potassium	292	B		P
7782-49-2	Selenium	0.24	U	N W	F
7440-22-4	Silver	1.2	U		P
7440-23-5	Sodium	217	U		P
7440-28-0	Thallium	0.24	U		F
7440-62-2	Vanadium	4.7	B		P
7440-66-6	Zinc	10300			P
	Cyanide	0.60	U		C

Color Before BRN/RED/BLK Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: CLEAR Artifacts: YES

Comments: ROCKS

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X112

Lab Name: ARDL, INC. Contract: 2344

Lab Code: ARDL Case No.: BBE SAS No.: _____ SDG No.: X112

Matrix (soil/water): SOIL Lab Sample ID: 2344-1

Level (low/med): LOW Date Received: 11/12/94

% Solids: 82.8

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

CAS No.	Analyte	Concentration	C	Q	M
	Sulfate	279			
	Sulfide	91.7			

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

EPA SAMPLE NO.

X113

INORGANIC ANALYSIS DATA SHEET

Lab Name: ARDL, INC. Contract No.: 2344

Lab Code: ARDL Case No.: BBE SAS No.: _____ SDG No.: X112

Matrix (soil/water) SOIL Lab Sample ID: 2344-2

Level (low/med): LOW Date Received: 11/12/94

% Solids: 77.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3350			P
7440-36-0	Antimony	5.2	U	N	P
7440-38-2	Arsenic	3.6		S	F
7440-39-3	Barium	106			P
7440-41-7	Beryllium	0.28	B		P
7440-43-9	Cadmium	0.78	U		P
7440-70-2	Calcium	12400			P
7440-47-3	Chromium	6.4			P
7440-48-4	Cobalt	5.0	B		P
7440-50-8	Copper	6.3	B		P
7439-89-6	Iron	8260			P
7439-92-1	Lead	6.8			F
7439-95-4	Magnesium	4710			P
7439-96-5	Manganese	147			P
7439-97-6	Mercury	0.13	U		CV
7440-02-0	Nickel	12.9			P
7440-09-7	Potassium	923	B		P
7782-49-2	Selenium	0.26	U	N W	F
7440-22-4	Silver	1.3	U		P
7440-23-5	Sodium	233	U		P
7440-28-0	Thallium	0.26	U		F
7440-62-2	Vanadium	9.8	B		P
7440-66-6	Zinc	43.3			P
	Cyanide	0.64	U		C

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts: YES

Comments: ROOTS/LEAVES/PEBBLES

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ARDL, INC. Contract: 2344

Lab Code: ARDL Case No.: BBE SAS No.: _____ SDG No.: X112

Matrix (soil/water): SOIL Lab Sample ID: 2344-2

Level (low/med): LOW Date Received: 11/12/94

% Solids: 77.4

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

CAS No.	Analyte	Concentration	C	Q	M
	Sulfate	61.3			
	Sulfide	25.8	U		

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

EPA SAMPLE NO.

X114

INORGANIC ANALYSIS DATA SHEET

Lab Name: ARDL, INC. Contract No.: 2344

Lab Code: ARDL Case No.: BBE SAS No.: _____ SDG No.: X112

Matrix (soil/water) SOIL Lab Sample ID: 2344-3

Level (low/med): LOW Date Received: 11/12/94

% Solids: 75.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10100			P
7440-36-0	Antimony	5.3	U	N	P
7440-38-2	Arsenic	7.3		S	F
7440-39-3	Barium	219			P
7440-41-7	Beryllium	0.90	B		P
7440-43-9	Cadmium	5.8			P
7440-70-2	Calcium	5760			P
7440-47-3	Chromium	16.2			P
7440-48-4	Cobalt	11.4	B		P
7440-50-8	Copper	675			P
7439-89-6	Iron	21200			P
7439-92-1	Lead	172			F
7439-95-4	Magnesium	3550			P
7439-96-5	Manganese	419			P
7439-97-6	Mercury	0.21			CV
7440-02-0	Nickel	32.7			P
7440-09-7	Potassium	2400			P
7782-49-2	Selenium	0.27	U	N W	F
7440-22-4	Silver	1.3	U		P
7440-23-5	Sodium	239	U		P
7440-28-0	Thallium	0.27	U		F
7440-62-2	Vanadium	23.3			P
7440-66-6	Zinc	612			P
	Cyanide	0.63	U		C

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts: YES

Comments: ROOTS/STEMS

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: ARDL, INC. Contract: 2344

Lab Code: ARDL Case No.: BBE SAS No.: _____ SDG No.: X112

Matrix (soil/water): SOIL Lab Sample ID: 2344-3

Level (low/med): LOW Date Received: 11/12/94

% Solids: 75.3

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

CAS No.	Analyte	Concentration	C	Q	M
	Sulfate	127			
	Sulfide	26.2	U		

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

EPA SAMPLE NO.

X115

INORGANIC ANALYSIS DATA SHEET

Lab Name: ARDL, INC. Contract No.: 2344

Lab Code: ARDL Case No.: BBE SAS No.: _____ SDG No.: X112

Matrix (soil/water) SOIL Lab Sample ID: 2344-4

Level (low/med): LOW Date Received: 11/12/94

% Solids: 63.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9680			P
7440-36-0	Antimony	6.3	U	N	P
7440-38-2	Arsenic	11.7	B	S	F
7440-39-3	Barium	209			P
7440-41-7	Beryllium	0.94	B		P
7440-43-9	Cadmium	4.4			P
7440-70-2	Calcium	5950			P
7440-47-3	Chromium	16.8			P
7440-48-4	Cobalt	35.3			P
7440-50-8	Copper	1150			P
7439-89-6	Iron	26800			P
7439-92-1	Lead	0.31	U		F
7439-95-4	Magnesium	3220			P
7439-96-5	Manganese	268			P
7439-97-6	Mercury	0.41			CV
7440-02-0	Nickel	38.5			P
7440-09-7	Potassium	2230			P
7782-49-2	Selenium	0.31	U	N W	F
7440-22-4	Silver	1.6	U		P
7440-23-5	Sodium	282	U		P
7440-28-0	Thallium	0.31	U		F
7440-62-2	Vanadium	22.7			P
7440-66-6	Zinc	864			P
	Cyanide	0.78	U		C

Color Before: BROWN/BLA Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts: YES

Comments: LEAVES/ROOTS/STEMS

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104

Lab Name: ARDL, INC. Contract: 2344

Lab Code: ARDL Case No.: BBE SAS No.: _____ SDG No.: X112

Matrix (soil/water): SOIL Lab Sample ID: 2344-4

Level (low/med): LOW Date Received: 11/12/94

% Solids: 63.9

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

CAS No.	Analyte	Concentration	C	Q	M
	Sulfate	4430			
	Sulfide	31.3	U		

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X116

Lab Name: ARDL, INC. Contract No.: 2344

Lab Code: ARDL Case No.: BBE SAS No.: _____ SDG No.: X112

Matrix (soil/water) SOIL Lab Sample ID: 2344-5

Level (low/med): LOW Date Received: 11/12/94

% Solids: 63.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1720			P
7440-36-0	Antimony	6.3	U	N	P
7440-38-2	Arsenic	47.9	B	+	F
7440-39-3	Barium	414			P
7440-41-7	Beryllium	0.38	B		P
7440-43-9	Cadmium	6.2			P
7440-70-2	Calcium	7280			P
7440-47-3	Chromium	19.3			P
7440-48-4	Cobalt	12.7	B		P
7440-50-8	Copper	515			P
7439-89-6	Iron	5690			P
7439-92-1	Lead	0.32	U		F
7439-95-4	Magnesium	471	B		P
7439-96-5	Manganese	43.4			P
7439-97-6	Mercury	4.7			CV
7440-02-0	Nickel	15.3			P
7440-09-7	Potassium	316	U		P
7782-49-2	Selenium	1.6	U	N E	F
7440-22-4	Silver	2.6	B		P
7440-23-5	Sodium	322	B		P
7440-28-0	Thallium	0.32	U		F
7440-62-2	Vanadium	18.7			P
7440-66-6	Zinc	38200			P
	Cyanide	0.77	U		C

Color Before: BROWN/BLA Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: CLEAR Artifacts: YES

Comments: ROCKS

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

Lab Name: ARDL, INC. Contract: 2344

Lab Code: ARDL Case No.: BBE SAS No.: _____ SDG No.: X112

Matrix (soil/water): SOIL Lab Sample ID: 2344-5

Level (low/med): LOW Date Received: 11/12/94

% Solids: 63.2

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

CAS No.	Analyte	Concentration	C	Q	M
	Sulfate	63.3	U		
	Sulfide	503			

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

VOLATILE ORGANICS ANALYSIS DATA SHEET

X112

Lab Name: ARDL, INC. Contract: SAUGET SA 1&2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: >J8108

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: not dec. 17 Date Analyzed: 11/15/94

GC column: 1%SP-1000 ID: 2.0 (mm) Dilution Factor: 1.0

Soil Extract Volume: --- (uL) Soil Aliquot Volume: --- (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12.	U
74-83-9	Bromomethane	12.	U
75-01-4	Vinyl Chloride	12.	U
75-00-3	Chloroethane	12.	U
75-09-2	Methylene Chloride	61.	
67-64-1	Acetone	12.	U
75-15-0	Carbon Disulfide	12.	U
75-35-4	1,1-Dichloroethene	12.	U
75-34-3	1,1-Dichloroethane	12.	U
540-59-0	1,2-Dichloroethene (total)	12.	U
67-66-3	Chloroform	12.	U
107-06-2	1,2-Dichloroethane	12.	U
78-93-3	2-Butanone	12.	U
71-55-6	1,1,1-Trichloroethane	12.	U
56-23-5	Carbon Tetrachloride	12.	U
75-27-4	Bromodichloromethane	12.	U
78-87-5	1,2-Dichloropropane	12.	U
10061-01-5	cis-1,3-Dichloropropene	12.	U
79-01-6	Trichloroethene	12.	U
124-48-1	Dibromochloromethane	12.	U
79-00-5	1,1,2-Trichloroethane	12.	U
71-43-2	Benzene	12.	U
10061-02-6	trans-1,3-Dichloropropene	12.	U
75-25-2	Bromoform	12.	U
108-10-1	4-Methyl-2-Pentanone	12.	U
591-78-6	2-Hexanone	12.	U
127-18-4	Tetrachloroethene	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	12.	U
108-88-3	Toluene	12.	U
108-90-7	Chlorobenzene	12.	U
100-41-4	Ethylbenzene	12.	U
100-42-5	Styrene	12.	U
1330-20-7	Xylene (total)	12.	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

X112

Lab Name: ARDL, INC. Contract: SAUGET SA 1&2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: >J8108

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: not dec. 17 Date Analyzed: 11/15/94

GC Column: 1%SP-1000 ID: 2.0 (mm) Dilution Factor: 1.0

Soil Extract Volume: --- (uL) Soil Aliquot Volume: --- (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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VOLATILE ORGANICS ANALYSIS DATA SHEET

X113

Lab Name: ARDL, INC. Contract: SAUGET SA 1&2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-2

Sample wt/vol: 5.0 (g/mL) G Lab File ID: >J8109

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: not dec. 23 Date Analyzed: 11/15/94

GC column: 1%SP-1000 ID: 2.0 (mm) Dilution Factor: 1.0

Soil Extract Volume: --- (uL) Soil Aliquot Volume: --- (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13.	U
74-83-9	Bromomethane	13.	U
75-01-4	Vinyl Chloride	13.	U
75-00-3	Chloroethane	13.	U
75-09-2	Methylene Chloride	28.	
67-64-1	Acetone	33.	
75-15-0	Carbon Disulfide	13.	U
75-35-4	1,1-Dichloroethene	13.	U
75-34-3	1,1-Dichloroethane	13.	U
540-59-0	1,2-Dichloroethene (total)	13.	U
67-66-3	Chloroform	13.	U
107-06-2	1,2-Dichloroethane	13.	U
78-93-3	2-Butanone	13.	U
71-55-6	1,1,1-Trichloroethane	13.	U
56-23-5	Carbon Tetrachloride	13.	U
75-27-4	Bromodichloromethane	13.	U
78-87-5	1,2-Dichloropropane	13.	U
10061-01-5	cis-1,3-Dichloropropene	13.	U
79-01-6	Trichloroethene	13.	U
124-48-1	Dibromochloromethane	13.	U
79-00-5	1,1,2-Trichloroethane	13.	U
71-43-2	Benzene	13.	U
10061-02-6	trans-1,3-Dichloropropene	13.	U
75-25-2	Bromoform	13.	U
108-10-1	4-Methyl-2-Pentanone	13.	U
591-78-6	2-Hexanone	13.	U
127-18-4	Tetrachloroethene	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	13.	U
108-88-3	Toluene	13.	U
108-90-7	Chlorobenzene	13.	U
100-41-4	Ethylbenzene	13.	U
100-42-5	Styrene	13.	U
1330-20-7	Xylene (total)	13.	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X113

Lab Name: ARDL, INC. Contract: SAUGET SA 1&2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-2

Sample wt/vol: 5.0 (g/mL) G Lab File ID: >J8109

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: not dec. 23 Date Analyzed: 11/15/94

GC Column: 1%SP-1000 ID: 2.0 (mm) Dilution Factor: 1.0

Soil Extract Volume: --- (uL) Soil Aliquot Volume: --- (uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.41	7.	J B
2.				
3.				
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VOLATILE ORGANICS ANALYSIS DATA SHEET

X114

Lab Name: ARDL, INC. Contract: SAUGET SA 1&2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-3

Sample wt/vol: 5.0 (g/mL) G Lab File ID: >J8110

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: not dec. 25 Date Analyzed: 11/15/94

GC column: 1%SP-1000 ID: 2.0 (mm) Dilution Factor: 1.0

Soil Extract Volume: --- (uL) Soil Aliquot Volume: --- (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13.	U
74-83-9	Bromomethane	13.	U
75-01-4	Vinyl Chloride	13.	U
75-00-3	Chloroethane	13.	U
75-09-2	Methylene Chloride	49.	
67-64-1	Acetone	13.	U
75-15-0	Carbon Disulfide	13.	U
75-35-4	1,1-Dichloroethene	13.	U
75-34-3	1,1-Dichloroethane	13.	U
540-59-0	1,2-Dichloroethene (total)	13.	U
67-66-3	Chloroform	13.	U
107-06-2	1,2-Dichloroethane	13.	U
78-93-3	2-Butanone	13.	U
71-55-6	1,1,1-Trichloroethane	13.	U
56-23-5	Carbon Tetrachloride	13.	U
75-27-4	Bromodichloromethane	13.	U
78-87-5	1,2-Dichloropropane	13.	U
10061-01-5	cis-1,3-Dichloropropene	13.	U
79-01-6	Trichloroethene	13.	U
124-48-1	Dibromochloromethane	13.	U
79-00-5	1,1,2-Trichloroethane	13.	U
71-43-2	Benzene	13.	U
10061-02-6	trans-1,3-Dichloropropene	13.	U
75-25-2	Bromoform	13.	U
108-10-1	4-Methyl-2-Pentanone	13.	U
591-78-6	2-Hexanone	13.	U
127-18-4	Tetrachloroethene	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	13.	U
108-88-3	Toluene	13.	U
108-90-7	Chlorobenzene	13.	U
100-41-4	Ethylbenzene	13.	U
100-42-5	Styrene	13.	U
1330-20-7	Xylene (total)	13.	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

X114

Lab Name: ARDL, INC. Contract: SAUGET SA 1&2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-3

Sample wt/vol: 5.0 (g/mL) G Lab File ID: >J8110

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: not dec. 25 Date Analyzed: 11/15/94

GC Column: 1%SP-1000 ID: 2.0 (mm) Dilution Factor: 1.0

Soil Extract Volume: --- (uL) Soil Aliquot Volume: --- (uL)

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	10.64	10.	J
2.	UNKNOWN	26.17	8.	J
3.				
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VOLATILE ORGANICS ANALYSIS DATA SHEET

X115

Lab Name: ARDL, INC. Contract: SAUGET SA 1&2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-4

Sample wt/vol: 5.0 (g/mL) G Lab File ID: >J8121

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: not dec. 36 Date Analyzed: 11/16/94

GC column: 1%SP-1000 ID: 2.0 (mm) Dilution Factor: 1.0

Soil Extract Volume: --- (uL) Soil Aliquot Volume: --- (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	16.	U
74-83-9	Bromomethane	16.	U
75-01-4	Vinyl Chloride	16.	U
75-00-3	Chloroethane	16.	U
75-09-2	Methylene Chloride	28.	
67-64-1	Acetone	16.	U
75-15-0	Carbon Disulfide	16.	U
75-35-4	1,1-Dichloroethene	16.	U
75-34-3	1,1-Dichloroethane	16.	U
540-59-0	1,2-Dichloroethene (total)	16.	U
67-66-3	Chloroform	16.	U
107-06-2	1,2-Dichloroethane	16.	U
78-93-3	2-Butanone	16.	U
71-55-6	1,1,1-Trichloroethane	16.	U
56-23-5	Carbon Tetrachloride	16.	U
75-27-4	Bromodichloromethane	16.	U
78-87-5	1,2-Dichloropropane	16.	U
10061-01-5	cis-1,3-Dichloropropene	16.	U
79-01-6	Trichloroethene	16.	U
124-48-1	Dibromochloromethane	16.	U
79-00-5	1,1,2-Trichloroethane	16.	U
71-43-2	Benzene	16.	U
10061-02-6	trans-1,3-Dichloropropene	16.	U
75-25-2	Bromoform	16.	U
108-10-1	4-Methyl-2-Pentanone	16.	U
591-78-6	2-Hexanone	16.	U
127-18-4	Tetrachloroethene	16.	U
79-34-5	1,1,2,2-Tetrachloroethane	16.	U
108-88-3	Toluene	16.	U
108-90-7	Chlorobenzene	16.	U
100-41-4	Ethylbenzene	16.	U
100-42-5	Styrene	16.	U
1330-20-7	Xylene (total)	16.	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X115

Lab Name: ARDL, INC. Contract: SAUGET SA 1&2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-4

Sample wt/vol: 5.0 (g/mL) G Lab File ID: >J8121

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: not dec. 36 Date Analyzed: 11/16/94

GC Column: 1%SP-1000 ID: 2.0 (mm) Dilution Factor: 1.0

Soil Extract Volume: --- (uL) Soil Aliquot Volume: --- (uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.80	20.	J
2.				
3.				
4.				
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X116

Lab Name: ARDL, INC. Contract: SAUGET SA 1&2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-5

Sample wt/vol: 5.0 (g/mL) G Lab File ID: >J8112

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: not dec. 37 Date Analyzed: 11/15/94

GC column: 1%SP-1000 ID: 2.0 (mm) Dilution Factor: 1.0

Soil Extract Volume: --- (uL) Soil Aliquot Volume: --- (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	16.	U
74-83-9	Bromomethane	16.	U
75-01-4	Vinyl Chloride	16.	U
75-00-3	Chloroethane	16.	U
75-09-2	Methylene Chloride	630.	E
67-64-1	Acetone	16.	U
75-15-0	Carbon Disulfide	16.	U
75-35-4	1,1-Dichloroethene	16.	U
75-34-3	1,1-Dichloroethane	16.	U
540-59-0	1,2-Dichloroethene (total)	16.	U
67-66-3	Chloroform	16.	U
107-06-2	1,2-Dichloroethane	16.	U
78-93-3	2-Butanone	16.	U
71-55-6	1,1,1-Trichloroethane	16.	U
56-23-5	Carbon Tetrachloride	16.	U
75-27-4	Bromodichloromethane	16.	U
78-87-5	1,2-Dichloropropane	16.	U
10061-01-5	cis-1,3-Dichloropropene	16.	U
79-01-6	Trichloroethene	16.	U
124-48-1	Dibromochloromethane	16.	U
79-00-5	1,1,2-Trichloroethane	16.	U
71-43-2	Benzene	16.	U
10061-02-6	trans-1,3-Dichloropropene	16.	U
75-25-2	Bromoform	16.	U
108-10-1	4-Methyl-2-Pentanone	16.	U
591-78-6	2-Hexanone	16.	U
127-18-4	Tetrachloroethene	16.	U
79-34-5	1,1,2,2-Tetrachloroethane	16.	U
108-88-3	Toluene	16.	U
108-90-7	Chlorobenzene	16.	U
100-41-4	Ethylbenzene	16.	U
100-42-5	Styrene	16.	U
1330-20-7	Xylene (total)	16.	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

X116

Lab Name: ARDL, INC. Contract: SAUGET SA 1&2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-5

Sample wt/vol: 5.0 (g/mL) G Lab File ID: >J8112

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: not dec. 37 Date Analyzed: 11/15/94

GC Column: 1%SP-1000 ID: 2.0 (mm) Dilution Factor: 1.0

Soil Extract Volume: --- (uL) Soil Aliquot Volume: --- (uL)

Number TICs found: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	9.83	9.	J
2.		UNKNOWN	13.07	10.	J
3.		UNKNOWN	20.48	50.	J
4.		UNKNOWN	27.83	10.	J
5.		UNKNOWN	31.26	40.	J
6.		UNKNOWN	31.58	40.	J
7.		UNKNOWN	34.36	10.	J
8.					
9.					
10.					
11.					
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30.					

VOLATILE ORGANICS ANALYSIS DATA SHEET

X116RE

Lab Name: ARDL, INC. Contract: SAUGET SA 1&2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-5RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: >J8122

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: not dec. 37 Date Analyzed: 11/16/94

GC column: 1%SP-1000 ID: 2.0 (mm) Dilution Factor: 1.0

Soil Extract Volume: --- (uL) Soil Aliquot Volume: --- (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	16.	U
74-83-9	Bromomethane	16.	U
75-01-4	Vinyl Chloride	16.	U
75-00-3	Chloroethane	16.	U
75-09-2	Methylene Chloride	270.	
67-64-1	Acetone	56.	
75-15-0	Carbon Disulfide	16.	U
75-35-4	1,1-Dichloroethene	16.	U
75-34-3	1,1-Dichloroethane	16.	U
540-59-0	1,2-Dichloroethene (total)	16.	U
67-66-3	Chloroform	16.	U
107-06-2	1,2-Dichloroethane	16.	U
78-93-3	2-Butanone	16.	U
71-55-6	1,1,1-Trichloroethane	16.	U
56-23-5	Carbon Tetrachloride	16.	U
75-27-4	Bromodichloromethane	16.	U
78-87-5	1,2-Dichloropropane	16.	U
10061-01-5	cis-1,3-Dichloropropene	16.	U
79-01-6	Trichloroethene	16.	U
124-48-1	Dibromochloromethane	16.	U
79-00-5	1,1,2-Trichloroethane	16.	U
71-43-2	Benzene	16.	U
10061-02-6	trans-1,3-Dichloropropene	16.	U
75-25-2	Bromoform	16.	U
108-10-1	4-Methyl-2-Pentanone	16.	U
591-78-6	2-Hexanone	16.	U
127-18-4	Tetrachloroethene	16.	U
79-34-5	1,1,2,2-Tetrachloroethane	16.	U
108-88-3	Toluene	16.	U
108-90-7	Chlorobenzene	16.	U
100-41-4	Ethylbenzene	16.	U
100-42-5	Styrene	16.	U
1330-20-7	Xylene (total)	16.	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

X116RE

Lab Name: ARDL, INC. Contract: SAUGET SA 1&2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-5RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: >J8122

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: not dec. 37 Date Analyzed: 11/16/94

GC Column: 1%SP-1000 ID: 2.0 (mm) Dilution Factor: 1.0

Soil Extract Volume: --- (uL) Soil Aliquot Volume: --- (uL)

Number TICs found: 9

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	3.54	8.	J
2.	UNKNOWN	13.59	10.	J
3.	UNKNOWN	20.53	30.	J
4.	UNKNOWN	29.39	10.	J
5.	UNKNOWN	29.67	10.	J
6.	UNKNOWN	31.27	20.	J
7.	UNKNOWN	32.09	20.	J
8.	UNKNOWN	34.01	30.	J
9.	UNKNOWN	34.47	9.	J
10.				
11.				
12.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

X112RE

Lab Name: ARDL, INC. Contract: SAUGET SA 1 & 2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-1RE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: >M7298

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: 17 decanted: (Y/N) N Date Extracted: 12/01/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 12/02/94

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.8 Conversion Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400.	U
111-44-4	bis(2-Chloroethyl)ether	400.	U
95-57-8	2-Chlorophenol	400.	U
541-73-1	1,3-Dichlorobenzene	400.	U
106-46-7	1,4-Dichlorobenzene	400.	U
95-50-1	1,2-Dichlorobenzene	400.	U
95-48-7	2-Methylphenol	400.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400.	U
106-44-5	4-Methylphenol	400.	U
621-64-7	N-Nitroso-Di-n-propylamine	400.	U
67-72-1	Hexachloroethane	400.	U
98-95-3	Nitrobenzene	400.	U
78-59-1	Isophorone	400.	U
88-75-5	2-Nitrophenol	400.	U
105-67-9	2,4-Dimethylphenol	400.	U
111-91-1	bis(2-Chloroethoxy)methane	400.	U
120-83-2	2,4-Dichlorophenol	400.	U
120-82-1	1,2,4-Trichlorobenzene	400.	U
91-20-3	Naphthalene	810.	
106-47-8	4-Chloroaniline	400.	U
87-68-3	Hexachlorobutadiene	400.	U
59-50-7	4-Chloro-3-methylphenol	400.	U
91-57-6	2-Methylnaphthalene	300.	J
77-47-4	Hexachlorocyclopentadiene	400.	U
88-06-2	2,4,6-Trichlorophenol	400.	U
95-95-4	2,4,5-Trichlorophenol	960.	U
91-58-7	2-Chloronaphthalene	400.	U
88-74-4	2-Nitroaniline	960.	U
131-11-3	Dimethylphthalate	400.	U
208-96-8	Acenaphthylene	42.	J
606-20-2	2,6-Dinitrotoluene	400.	U
99-09-2	3-Nitroaniline	960.	U
83-32-9	Acenaphthene	2200.	

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X112RE

Lab Name: ARDL, INC. Contract: SAUGET SA 1 & 2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-1RE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: >M7298

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: 17 decanted: (Y/N) N Date Extracted: 12/01/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 12/02/94

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.8 Conversion Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	960.	U
100-02-7	4-Nitrophenol	960.	U
132-64-9	Dibenzofuran	1600.	
121-14-2	2,4-Dinitrotoluene	400.	U
84-66-2	Diethylphthalate	400.	U
7005-72-3	4-Chlorophenyl-phenylether	400.	U
86-73-7	Fluorene	2500.	
100-01-6	4-Nitroaniline	960.	U
534-52-1	4,6-Dinitro-2-methylphenol	960.	U
86-30-6	N-Nitrosodiphenylamine (1)	400.	U
101-55-3	4-Bromophenyl-phenylether	400.	U
118-74-1	Hexachlorobenzene	400.	U
87-86-5	Pentachlorophenol	960.	U
85-01-8	Phenanthrene	22000.	E
120-12-7	Anthracene	4600.	E
86-74-8	Carbazole	1600.	
84-74-2	Di-n-butylphthalate	400.	U
206-44-0	Fluoranthene	20000.	E
129-00-0	Pyrene	15000.	E
85-68-7	Butylbenzylphthalate	400.	U
91-94-1	3,3'-Dichlorobenzidine	400.	U
56-55-3	Benzo(a)anthracene	5200.	E
218-01-9	Chrysene	4600.	E
117-81-7	bis(2-Ethylhexyl)phthalate	400.	U
117-84-0	Di-n-octylphthalate	400.	U
205-99-2	Benzo(b)fluoranthene	5500.	E
207-08-9	Benzo(k)fluoranthene	1700.	
50-32-8	Benzo(a)pyrene	3700.	E
193-39-5	Indeno(1,2,3-cd)pyrene	2100.	
53-70-3	Dibenz(a,h)anthracene	790.	
191-24-2	Benzo(g,h,i)perylene	1500.	

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X112RE

Lab Name: ARDL, INC. Contract: SAUGET SA 1 & 2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-1RE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: >M7298

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: not dec. 17 decanted:(Y/N) N Date Extracted: 12/01/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 12/02/94

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.8

Number TICs found: 20

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN PAH	21.91	400.	J
2.	UNKNOWN	22.14	900.	J
3.	UNKNOWN	22.63	500.	J
4.	UNKNOWN	23.99	900.	J
5. 243425	BENZO[B]NAPHTHO[2,3-D]FURAN	24.51	400.	JN
6.	UNKNOWN PAH	25.08	1000.	J
7.	UNKNOWN	26.40	4000.	J B
8.	BENZO[B]NAPHTHO-THIOPHENE	26.60	400.	J
9.	UNKNOWN	26.71	800.	J
10.	UNKNOWN	26.79	300.	J
11.	UNKNOWN	27.55	900.	J
12.	UNKNOWN	27.78	400.	J
13.	UNKNOWN	27.91	400.	J
14. 2498773	BENZ[A]ANTHRACENE, 1-METHYL-	28.26	300.	JN
15.	UNKNOWN	28.49	300.	J
16.	UNKNOWN PAH	30.03	500.	J
17.	UNKNOWN PAH	30.41	3000.	J
18.	UNKNOWN	31.61	300.	J
19.	UNKNOWN	32.91	300.	J
20.	UNKNOWN PAH	34.30	400.	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X112REDL

Lab Name: ARDL, INC. Contract: SAUGET SA 1 & 2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-1REDL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: >M7300

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: 17 decanted: (Y/N) N Date Extracted: 12/01/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 12/02/94

Injection Volume: 2.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 5.8 Conversion Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	4000.	U D
111-44-4	bis(2-Chloroethyl)ether	4000.	U D
95-57-8	2-Chlorophenol	4000.	U D
541-73-1	1,3-Dichlorobenzene	4000.	U D
106-46-7	1,4-Dichlorobenzene	4000.	U D
95-50-1	1,2-Dichlorobenzene	4000.	U D
95-48-7	2-Methylphenol	4000.	U D
108-60-1	2,2'-oxybis(1-Chloropropane)	4000.	U D
106-44-5	4-Methylphenol	4000.	U D
621-64-7	N-Nitroso-Di-n-propylamine	4000.	U D
67-72-1	Hexachloroethane	4000.	U D
98-95-3	Nitrobenzene	4000.	U D
78-59-1	Isophorone	4000.	U D
88-75-5	2-Nitrophenol	4000.	U D
105-67-9	2,4-Dimethylphenol	4000.	U D
111-91-1	bis(2-Chloroethoxy)methane	4000.	U D
120-83-2	2,4-Dichlorophenol	4000.	U D
120-82-1	1,2,4-Trichlorobenzene	4000.	U D
91-20-3	Naphthalene	670.	J D
106-47-8	4-Chloroaniline	4000.	U D
87-68-3	Hexachlorobutadiene	4000.	U D
59-50-7	4-Chloro-3-methylphenol	4000.	U D
91-57-6	2-Methylnaphthalene	180.	J D
77-47-4	Hexachlorocyclopentadiene	4000.	U D
88-06-2	2,4,6-Trichlorophenol	4000.	U D
95-95-4	2,4,5-Trichlorophenol	9600.	U D
91-58-7	2-Chloronaphthalene	4000.	U D
88-74-4	2-Nitroaniline	9600.	U D
131-11-3	Dimethylphthalate	4000.	U D
208-96-8	Acenaphthylene	4000.	U D
606-20-2	2,6-Dinitrotoluene	4000.	U D
99-09-2	3-Nitroaniline	9600.	U D
83-32-9	Acenaphthene	1800.	J D

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X112REDL

Lab Name: ARDL, INC. Contract: SAUGET SA 1 & 2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-1REDL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: >M7300

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: 17 decanted: (Y/N) N Date Extracted: 12/01/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 12/02/94

Injection Volume: 2.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 5.8 Conversion Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	9600.	U D
100-02-7	4-Nitrophenol	9600.	U D
132-64-9	Dibenzofuran	1200.	J D
121-14-2	2,4-Dinitrotoluene	4000.	U D
84-66-2	Diethylphthalate	4000.	U D
7005-72-3	4-Chlorophenyl-phenylether	4000.	U D
86-73-7	Fluorene	2100.	J D
100-01-6	4-Nitroaniline	9600.	U D
534-52-1	4,6-Dinitro-2-methylphenol	9600.	U D
86-30-6	N-Nitrosodiphenylamine (1)	4000.	U D
101-55-3	4-Bromophenyl-phenylether	4000.	U D
118-74-1	Hexachlorobenzene	4000.	U D
87-86-5	Pentachlorophenol	9600.	U D
85-01-8	Phenanthrene	15000.	D
120-12-7	Anthracene	3900.	J D
86-74-8	Carbazole	1400.	J D
84-74-2	Di-n-butylphthalate	4000.	U D
206-44-0	Fluoranthene	14000.	D
129-00-0	Pyrene	12000.	D
85-68-7	Butylbenzylphthalate	4000.	U D
91-94-1	3,3'-Dichlorobenzidine	4000.	U D
56-55-3	Benzo(a)anthracene	4300.	D
218-01-9	Chrysene	4300.	D
117-81-7	bis(2-Ethylhexyl)phthalate	4000.	U D
117-84-0	Di-n-octylphthalate	4000.	U D
205-99-2	Benzo(b)fluoranthene	2900.	J D
207-08-9	Benzo(k)fluoranthene	2500.	J D
50-32-8	Benzo(a)pyrene	3100.	J D
193-39-5	Indeno(1,2,3-cd)pyrene	2400.	J D
53-70-3	Dibenz(a,h)anthracene	330.	J D
191-24-2	Benzo(g,h,i)perylene	1800.	J D

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X112REDL

Lab Name: ARDL, INC. Contract: SAUGET SA 1 & 2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-1REDL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: >M7300

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: not dec. 17 decanted:(Y/N) N Date Extracted: 12/01/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 12/02/94

Injection Volume: 2.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 5.8

Number TICs found: 12 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	20.27	800.	J D
2.	UNKNOWN PAH	21.89	900.	J D
3.	UNKNOWN	22.08	2000.	J D
4.	UNKNOWN PAH	25.02	2000.	J D
5.	UNKNOWN PAH	25.18	2000.	J D
6.	UNKNOWN	26.35	8000.	J BD
7.	UNKNOWN	26.67	1000.	J D
8.	UNKNOWN	27.46	2000.	J D
9.	UNKNOWN	28.55	800.	J D
10.	UNKNOWN PAH	29.96	1000.	J D
11.	UNKNOWN	30.16	3000.	J D
12.	UNKNOWN PAH	30.33	2000.	J D
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X113RE

Lab Name: ARDL, INC. Contract: SAUGET SA 1 & 2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-2RE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: >M7299

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: 23 decanted: (Y/N) N Date Extracted: 12/01/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 12/02/94

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5 Conversion Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	430.	U
111-44-4	bis(2-Chloroethyl)ether	430.	U
95-57-8	2-Chlorophenol	430.	U
541-73-1	1,3-Dichlorobenzene	430.	U
106-46-7	1,4-Dichlorobenzene	430.	U
95-50-1	1,2-Dichlorobenzene	430.	U
95-48-7	2-Methylphenol	430.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	430.	U
106-44-5	4-Methylphenol	430.	U
621-64-7	N-Nitroso-Di-n-propylamine	430.	U
67-72-1	Hexachloroethane	430.	U
98-95-3	Nitrobenzene	430.	U
78-59-1	Isophorone	430.	U
88-75-5	2-Nitrophenol	430.	U
105-67-9	2,4-Dimethylphenol	430.	U
111-91-1	bis(2-Chloroethoxy)methane	430.	U
120-83-2	2,4-Dichlorophenol	430.	U
120-82-1	1,2,4-Trichlorobenzene	430.	U
91-20-3	Naphthalene	240.	J
106-47-8	4-Chloroaniline	430.	U
87-68-3	Hexachlorobutadiene	430.	U
59-50-7	4-Chloro-3-methylphenol	430.	U
91-57-6	2-Methylnaphthalene	70.	J
77-47-4	Hexachlorocyclopentadiene	430.	U
88-06-2	2,4,6-Trichlorophenol	430.	U
95-95-4	2,4,5-Trichlorophenol	1000.	U
91-58-7	2-Chloronaphthalene	430.	U
88-74-4	2-Nitroaniline	1000.	U
131-11-3	Dimethylphthalate	430.	U
208-96-8	Acenaphthylene	430.	U
606-20-2	2,6-Dinitrotoluene	430.	U
99-09-2	3-Nitroaniline	1000.	U
83-32-9	Acenaphthene	340.	J

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X113RE

Lab Name: ARDL, INC. Contract: SAUGET SA 1 & 2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-2RE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: >M7299

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: 23 decanted: (Y/N) N Date Extracted: 12/01/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 12/02/94

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5 Conversion Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1000.	U
100-02-7	4-Nitrophenol	1000.	U
132-64-9	Dibenzofuran	220.	J
121-14-2	2,4-Dinitrotoluene	430.	U
84-66-2	Diethylphthalate	430.	U
7005-72-3	4-Chlorophenyl-phenylether	430.	U
86-73-7	Fluorene	230.	J
100-01-6	4-Nitroaniline	1000.	U
534-52-1	4,6-Dinitro-2-methylphenol	1000.	U
86-30-6	N-Nitrosodiphenylamine (1)	430.	U
101-55-3	4-Bromophenyl-phenylether	430.	U
118-74-1	Hexachlorobenzene	430.	U
87-86-5	Pentachlorophenol	1000.	U
85-01-8	Phenanthrene	1100.	
120-12-7	Anthracene	250.	J
86-74-8	Carbazole	150.	J
84-74-2	Di-n-butylphthalate	72.	J
206-44-0	Fluoranthene	740.	
129-00-0	Pyrene	700.	
85-68-7	Butylbenzylphthalate	430.	U
91-94-1	3,3'-Dichlorobenzidine	430.	U
56-55-3	Benzo(a)anthracene	230.	J
218-01-9	Chrysene	240.	J
117-81-7	bis(2-Ethylhexyl)phthalate	28.	JB
117-84-0	Di-n-octylphthalate	430.	U
205-99-2	Benzo(b)fluoranthene	160.	J
207-08-9	Benzo(k)fluoranthene	160.	J
50-32-8	Benzo(a)pyrene	200.	J
193-39-5	Indeno(1,2,3-cd)pyrene	150.	J
53-70-3	Dibenz(a,h)anthracene	51.	J
191-24-2	Benzo(g,h,i)perylene	150.	J

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X113RE

Lab Name: ARDL, INC. Contract: SAUGET SA 1 & 2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-2RE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: >M7299

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: not dec. 23 decanted:(Y/N) N Date Extracted: 12/01/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 12/02/94

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5

Number TICs found: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	22.08	100.	J
2.	UNKNOWN	26.35	200.	J B
3.	UNKNOWN	28.86	100.	J
4.	UNKNOWN	29.09	200.	J
5.	UNKNOWN ALKANE	30.15	100.	J
6.	UNKNOWN PAH	30.32	200.	J
7.	UNKNOWN ALKANE	31.61	100.	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X114

Lab Name: ARDL, INC. Contract: SAUGET SA 1 & 2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-3

Sample wt/vol: 30.0 (g/mL) G Lab File ID: >M7276

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: 25 decanted: (Y/N) N Date Extracted: 11/18/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 11/30/94

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.8 Conversion Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	440.	U
111-44-4	bis(2-Chloroethyl)ether	440.	U
95-57-8	2-Chlorophenol	440.	U
541-73-1	1,3-Dichlorobenzene	440.	U
106-46-7	1,4-Dichlorobenzene	440.	U
95-50-1	1,2-Dichlorobenzene	440.	U
95-48-7	2-Methylphenol	440.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	440.	U
106-44-5	4-Methylphenol	440.	U
621-64-7	N-Nitroso-Di-n-propylamine	440.	U
67-72-1	Hexachloroethane	440.	U
98-95-3	Nitrobenzene	440.	U
78-59-1	Isophorone	440.	U
88-75-5	2-Nitrophenol	440.	U
105-67-9	2,4-Dimethylphenol	440.	U
111-91-1	bis(2-Chloroethoxy)methane	440.	U
120-83-2	2,4-Dichlorophenol	440.	U
120-82-1	1,2,4-Trichlorobenzene	440.	U
91-20-3	Naphthalene	440.	U
106-47-8	4-Chloroaniline	440.	U
87-68-3	Hexachlorobutadiene	440.	U
59-50-7	4-Chloro-3-methylphenol	440.	U
91-57-6	2-Methylnaphthalene	440.	U
77-47-4	Hexachlorocyclopentadiene	440.	U
88-06-2	2,4,6-Trichlorophenol	440.	U
95-95-4	2,4,5-Trichlorophenol	1100.	U
91-58-7	2-Chloronaphthalene	440.	U
88-74-4	2-Nitroaniline	1100.	U
131-11-3	Dimethylphthalate	440.	U
208-96-8	Acenaphthylene	440.	U
606-20-2	2,6-Dinitrotoluene	440.	U
99-09-2	3-Nitroaniline	1100.	U
83-32-9	Acenaphthene	440.	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X114

Lab Name: ARDL, INC. Contract: SAUGET SA 1 & 2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-3

Sample wt/vol: 30.0 (g/mL) G Lab File ID: >M7276

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: 25 decanted: (Y/N) N Date Extracted: 11/18/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 11/30/94

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.8 Conversion Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1100.	U
100-02-7	4-Nitrophenol	1100.	U
132-64-9	Dibenzofuran	440.	U
121-14-2	2,4-Dinitrotoluene	440.	U
84-66-2	Diethylphthalate	440.	U
7005-72-3	4-Chlorophenyl-phenylether	440.	U
86-73-7	Fluorene	440.	U
100-01-6	4-Nitroaniline	1100.	U
534-52-1	4,6-Dinitro-2-methylphenol	1100.	U
86-30-6	N-Nitrosodiphenylamine (1)	440.	U
101-55-3	4-Bromophenyl-phenylether	440.	U
118-74-1	Hexachlorobenzene	440.	U
87-86-5	Pentachlorophenol	1100.	U
85-01-8	Phenanthrene	440.	U
120-12-7	Anthracene	440.	U
86-74-8	Carbazole	440.	U
84-74-2	Di-n-butylphthalate	230.	J
206-44-0	Fluoranthene	86.	J
129-00-0	Pyrene	89.	J
85-68-7	Butylbenzylphthalate	440.	U
91-94-1	3,3'-Dichlorobenzidine	440.	U
56-55-3	Benzo(a)anthracene	440.	U
218-01-9	Chrysene	59.	J
117-81-7	bis(2-Ethylhexyl)phthalate	650.	B
117-84-0	Di-n-octylphthalate	440.	U
205-99-2	Benzo(b)fluoranthene	440.	U
207-08-9	Benzo(k)fluoranthene	440.	U
50-32-8	Benzo(a)pyrene	440.	U
193-39-5	Indeno(1,2,3-cd)pyrene	440.	U
53-70-3	Dibenz(a,h)anthracene	440.	U
191-24-2	Benzo(g,h,i)perylene	440.	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X114

Lab Name: ARDL, INC. Contract: SAUGET SA 1 & 2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-3

Sample wt/vol: 30.0 (g/mL) G Lab File ID: >M7276

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: not dec. 25 decanted:(Y/N) N Date Extracted: 11/18/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 11/30/94

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.8

Number TICs found: 20

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	10.20	200.	J
2.	UNKNOWN	20.25	200.	J
3.	UNKNOWN	21.75	200.	J
4.	UNKNOWN	24.23	500.	J
5.	UNKNOWN	26.06	200.	J
6.	UNKNOWN	26.17	300.	J B
7.	UNKNOWN	28.54	300.	J
8.	UNKNOWN ALKANE	28.73	600.	J
9.	UNKNOWN	29.29	600.	J
10.	UNKNOWN PAH	29.76	300.	J B
11.	UNKNOWN ALKANE	30.20	1000.	J
12.	UNKNOWN ALKANE	31.69	1000.	J
13.	UNKNOWN	31.89	300.	J
14.	UNKNOWN	33.40	300.	J
15.	UNKNOWN ALKANE	33.57	700.	J
16.	UNKNOWN	33.72	800.	J
17.	UNKNOWN	33.88	400.	J
18.	UNKNOWN	34.45	1000.	J
19.	UNKNOWN	34.80	400.	J
20.	UNKNOWN	35.10	400.	J
21.				
22.				
23.				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X115

Lab Name: ARDL, INC. Contract: SAUGET SA 1 & 2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-4

Sample wt/vol: 30.0 (g/mL) G Lab File ID: >M7277

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: 36 decanted: (Y/N) N Date Extracted: 11/18/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 11/30/94

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 3.5 Conversion Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	520.	U
111-44-4	bis(2-Chloroethyl)ether	520.	U
95-57-8	2-Chlorophenol	520.	U
541-73-1	1,3-Dichlorobenzene	520.	U
106-46-7	1,4-Dichlorobenzene	520.	U
95-50-1	1,2-Dichlorobenzene	520.	U
95-48-7	2-Methylphenol	520.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	520.	U
106-44-5	4-Methylphenol	520.	U
621-64-7	N-Nitroso-Di-n-propylamine	520.	U
67-72-1	Hexachloroethane	520.	U
98-95-3	Nitrobenzene	520.	U
78-59-1	Isophorone	520.	U
88-75-5	2-Nitrophenol	520.	U
105-67-9	2,4-Dimethylphenol	520.	U
111-91-1	bis(2-Chloroethoxy)methane	520.	U
120-83-2	2,4-Dichlorophenol	520.	U
120-82-1	1,2,4-Trichlorobenzene	520.	U
91-20-3	Naphthalene	520.	U
106-47-8	4-Chloroaniline	520.	U
87-68-3	Hexachlorobutadiene	520.	U
59-50-7	4-Chloro-3-methylphenol	520.	U
91-57-6	2-Methylnaphthalene	520.	U
77-47-4	Hexachlorocyclopentadiene	520.	U
88-06-2	2,4,6-Trichlorophenol	520.	U
95-95-4	2,4,5-Trichlorophenol	1300.	U
91-58-7	2-Chloronaphthalene	520.	U
88-74-4	2-Nitroaniline	1300.	U
131-11-3	Dimethylphthalate	520.	U
208-96-8	Acenaphthylene	520.	U
606-20-2	2,6-Dinitrotoluene	520.	U
99-09-2	3-Nitroaniline	1300.	U
83-32-9	Acenaphthene	520.	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X115

Lab Name: ARDL, INC. Contract: SAUGET SA 1 & 2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-4

Sample wt/vol: 30.0 (g/mL) G Lab File ID: >M7277

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: 36 decanted: (Y/N) N Date Extracted: 11/18/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 11/30/94

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 3.5 Conversion Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1300.	U
100-02-7	4-Nitrophenol	1300.	U
132-64-9	Dibenzofuran	520.	U
121-14-2	2,4-Dinitrotoluene	520.	U
84-66-2	Diethylphthalate	520.	U
7005-72-3	4-Chlorophenyl-phenylether	520.	U
86-73-7	Fluorene	520.	U
100-01-6	4-Nitroaniline	1300.	U
534-52-1	4,6-Dinitro-2-methylphenol	1300.	U
86-30-6	N-Nitrosodiphenylamine (1)	520.	U
101-55-3	4-Bromophenyl-phenylether	520.	U
118-74-1	Hexachlorobenzene	520.	U
87-86-5	Pentachlorophenol	1300.	U
85-01-8	Phenanthrene	520.	U
120-12-7	Anthracene	520.	U
86-74-8	Carbazole	520.	U
84-74-2	Di-n-butylphthalate	430.	J
206-44-0	Fluoranthene	520.	U
129-00-0	Pyrene	520.	U
85-68-7	Butylbenzylphthalate	520.	U
91-94-1	3,3'-Dichlorobenzidine	520.	U
56-55-3	Benzo(a)anthracene	520.	U
218-01-9	Chrysene	520.	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000.	B
117-84-0	Di-n-octylphthalate	520.	U
205-99-2	Benzo(b)fluoranthene	520.	U
207-08-9	Benzo(k)fluoranthene	520.	U
50-32-8	Benzo(a)pyrene	520.	U
193-39-5	Indeno(1,2,3-cd)pyrene	520.	U
53-70-3	Dibenz(a,h)anthracene	520.	U
191-24-2	Benzo(g,h,i)perylene	520.	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X115

Lab Name: ARDL, INC. Contract: SAUGET SA 1 & 2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-4

Sample wt/vol: 30.0 (g/mL) G Lab File ID: >M7277

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: not dec. 36 decanted:(Y/N) N Date Extracted: 11/18/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 11/30/94

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 3.5

Number TICs found: 20

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	13.04	700.	J
2.		UNKNOWN	20.19	1000.	J
3.		UNKNOWN	20.25	700.	J
4.		UNKNOWN	23.51	2000.	J
5.		UNKNOWN	24.14	2000.	J
6.		UNKNOWN	24.25	900.	J
7.	57114	OCTADECANOIC ACID	24.35	1000.	JN
8.		UNKNOWN	24.63	700.	J
9.		UNKNOWN	26.11	800.	J
10.		UNKNOWN ALKANE	27.16	700.	J
11.		UNKNOWN	27.80	700.	J
12.	482235	1(3H)-ISOBENZOFURANONE,3-(3-	28.73	1000.	JN
13.		UNKNOWN ALKANE	30.22	7000.	J
14.		UNKNOWN ALAKNE	31.71	7000.	J
15.		UNKNOWN	32.11	3000.	J
16.		UNKNOWN	32.31	4000.	J
17.		UNKNOWN	32.83	3000.	J
18.		UNKNOWN ALKANE	33.59	3000.	J
19.		UNKNOWN	33.78	9000.	J
20.		UNKNOWN	34.49	7000.	J
21.					
22.					
23.					
24.					
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26.					
27.					
28.					
29.					
30.					

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X116

Lab Name: ARDL, INC. Contract: SAUGET SA 1 & 2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-5

Sample wt/vol: 30.0 (g/mL) G Lab File ID: >M7282

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: 37 decanted: (Y/N) N Date Extracted: 11/18/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 11/30/94

Injection Volume: 2.0 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) Y pH: 4.9 Conversion Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	26000.	U
111-44-4	bis(2-Chloroethyl)ether	26000.	U
95-57-8	2-Chlorophenol	26000.	U
541-73-1	1,3-Dichlorobenzene	26000.	U
106-46-7	1,4-Dichlorobenzene	26000.	U
95-50-1	1,2-Dichlorobenzene	26000.	U
95-48-7	2-Methylphenol	26000.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	26000.	U
106-44-5	4-Methylphenol	26000.	U
621-64-7	N-Nitroso-Di-n-propylamine	26000.	U
67-72-1	Hexachloroethane	26000.	U
98-95-3	Nitrobenzene	26000.	U
78-59-1	Isophorone	26000.	U
88-75-5	2-Nitrophenol	26000.	U
105-67-9	2,4-Dimethylphenol	26000.	U
111-91-1	bis(2-Chloroethoxy)methane	26000.	U
120-83-2	2,4-Dichlorophenol	26000.	U
120-82-1	1,2,4-Trichlorobenzene	26000.	U
91-20-3	Naphthalene	26000.	U
106-47-8	4-Chloroaniline	26000.	U
87-68-3	Hexachlorobutadiene	26000.	U
59-50-7	4-Chloro-3-methylphenol	26000.	U
91-57-6	2-Methylnaphthalene	26000.	U
77-47-4	Hexachlorocyclopentadiene	26000.	U
88-06-2	2,4,6-Trichlorophenol	26000.	U
95-95-4	2,4,5-Trichlorophenol	63000.	U
91-58-7	2-Chloronaphthalene	26000.	U
88-74-4	2-Nitroaniline	63000.	U
131-11-3	Dimethylphthalate	26000.	U
208-96-8	Acenaphthylene	26000.	U
606-20-2	2,6-Dinitrotoluene	26000.	U
99-09-2	3-Nitroaniline	63000.	U
83-32-9	Acenaphthene	26000.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X116

Lab Name: ARDL, INC. Contract: SAUGET SA 1 & 2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-5

Sample wt/vol: 30.0 (g/mL) G Lab File ID: >M7282

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: 37 decanted: (Y/N) N Date Extracted: 11/18/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 11/30/94

Injection Volume: 2.0 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) Y pH: 4.9 Conversion Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	63000.	U
100-02-7	4-Nitrophenol	63000.	U
132-64-9	Dibenzofuran	26000.	U
121-14-2	2,4-Dinitrotoluene	26000.	U
84-66-2	Diethylphthalate	26000.	U
7005-72-3	4-Chlorophenyl-phenylether	26000.	U
86-73-7	Fluorene	26000.	U
100-01-6	4-Nitroaniline	63000.	U
534-52-1	4,6-Dinitro-2-methylphenol	63000.	U
86-30-6	N-Nitrosodiphenylamine (1)	26000.	U
101-55-3	4-Bromophenyl-phenylether	26000.	U
118-74-1	Hexachlorobenzene	26000.	U
87-86-5	Pentachlorophenol	63000.	U
85-01-8	Phenanthrene	26000.	U
120-12-7	Anthracene	26000.	U
86-74-8	Carbazole	26000.	U
84-74-2	Di-n-butylphthalate	26000.	U
206-44-0	Fluoranthene	26000.	U
129-00-0	Pyrene	26000.	U
85-68-7	Butylbenzylphthalate	26000.	U
91-94-1	3,3'-Dichlorobenzidine	26000.	U
56-55-3	Benzo(a)anthracene	26000.	U
218-01-9	Chrysene	26000.	U
117-81-7	bis(2-Ethylhexyl)phthalate	26000.	U
117-84-0	Di-n-octylphthalate	26000.	U
205-99-2	Benzo(b)fluoranthene	26000.	U
207-08-9	Benzo(k)fluoranthene	26000.	U
50-32-8	Benzo(a)pyrene	26000.	U
193-39-5	Indeno(1,2,3-cd)pyrene	26000.	U
53-70-3	Dibenz(a,h)anthracene	26000.	U
191-24-2	Benzo(g,h,i)perylene	26000.	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X116

Lab Name: ARDL, INC. Contract: SAUGET SA 1 & 2

Lab Code: --- Case No.: --- SAS No.: --- SDG No.: X112

Matrix: (soil/water) SOIL Lab Sample ID: 2344-5

Sample wt/vol: 30.0 (g/mL) G Lab File ID: >M7282

Level: (low/med) LOW Date Received: 11/12/94

% Moisture: not dec. 37 decanted:(Y/N) N Date Extracted: 11/18/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 11/30/94

Injection Volume: 2.0 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) Y pH: 4.9

Number TICs found: 19

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	9.82	300000.	J
2.	UNKNOWN	10.64	400000.	J
3.	UNKNOWN	16.62	600000.	J
4.	UNKNOWN	17.47	20000.	J
5.	UNKNOWN	17.66	400000.	J
6.	UNKNOWN	19.66	60000.	J
7.	UNKNOWN	20.95	1000000.	J
8.	UNKNOWN	21.32	100000.	J
9.	UNKNOWN	21.69	50000.	J
10.	UNKNOWN	23.24	300000.	J
11.	UNKNOWN	23.33	200000.	J
12.	UNKNOWN	24.45	200000.	J
13.	UNKNOWN	26.15	300000.	J
14.	UNKNOWN	26.30	1000000.	J
15.	UNKNOWN	27.11	100000.	J
16.	UNKNOWN	28.77	1000000.	J
17.	UNKNOWN	28.94	200000.	J
18.	UNKNOWN	30.29	80000.	J
19.	UNKNOWN	30.95	300000.	J
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1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X112

Lab Name: ARDL, INC. Contract: SAUGET SA 1+2
Lab Code: Case No.: 2344 SDG No.: X112
Matrix(soil/water) : SOIL Lab Sample ID : 2344-1
Sample(wt/vol) : 30.0 (g/mL) g Lab File ID :
% Moisture: 17 decanted:(Y/N) N Date Received : 11/12/94
Extraction(Sepf/Cont/Sonc) SONC Date Extracted : 11/16/94
Concentrated Extract Volume:5000(uL) Date Analyzed : 11/23/94
Injection Volume: 1 (uL) Dilution Factor: 1.0
GPC Cleanup:(Y/N) Y pH: 5.8 Sulfur Cleanup : N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/Kg	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC(Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor Epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	4.0	U
72-55-9	4,4'-DDE	4.0	U
72-20-8	Endrin	4.0	U
33213-65-9	Endosulfan II	4.0	U
72-54-8	4,4'-DDD	4.0	U
1013-07-8	Endosulfan sulfate	4.0	U
50-29-3	4,4'-DDT	4.0	U
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	4.0	U
7421-36-3	Endrin aldehyde	4.0	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor 1016	40	U
11104-28-2	Aroclor 1221	81	U
11141-16-5	Aroclor 1232	40	U
53469-21-9	Aroclor 1242	40	U
12672-29-6	Aroclor 1248	40	U
11097-69-1	Aroclor 1254	40	U
11096-82-5	Aroclor 1260	40	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X113

Lab Name: ARDL, INC. Contract: SAUGET SA 1+2
Lab Code: Case No.: 2344 SDG No.: X112
Matrix(soil/water) : SOIL Lab Sample ID : 2344-2
Sample(wt/vol) : 30.0 (g/mL) g Lab File ID :
% Moisture: 23 decanted:(Y/N) N Date Received : 11/12/94
Extraction(Sepf/Cont/Sonc) SONC Date Extracted : 11/16/94
Concentrated Extract Volume:5000(uL) Date Analyzed : 11/23/94
Injection Volume: 1 (uL) Dilution Factor: 1.0
GPC Cleanup:(Y/N) Y pH: 6.5 Sulfur Cleanup : N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/Kg	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC(Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	2.2	U
1024-57-3	Heptachlor Epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	4.3	U
72-55-9	4,4'-DDE	4.3	U
72-20-8	Endrin	4.3	U
33213-65-9	Endosulfan II	4.3	U
72-54-8	4,4'-DDD	4.3	U
1013-07-8	Endosulfan sulfate	4.3	U
50-29-3	4,4'-DDT	4.3	U
72-43-5	Methoxychlor	22	U
53494-70-5	Endrin ketone	4.3	U
7421-36-3	Endrin aldehyde	4.3	U
5103-71-9	alpha-Chlordane	2.2	U
5103-74-2	gamma-Chlordane	2.2	U
8001-35-2	Toxaphene	220	U
12674-11-2	Aroclor 1016	43	U
11104-28-2	Aroclor 1221	87	U
11141-16-5	Aroclor 1232	43	U
53469-21-9	Aroclor 1242	43	U
12672-29-6	Aroclor 1248	43	U
11097-69-1	Aroclor 1254	43	U
11096-82-5	Aroclor 1260	39	J

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X114

Lab Name: ARDL, INC. Contract: SAUGET SA 1+2
Lab Code: Case No.: 2344 SDG No.: X112
Matrix(soil/water) : SOIL Lab Sample ID : 2344-3
Sample(wt/vol) : 30.0 (g/mL) g Lab File ID :
% Moisture: 25 decanted:(Y/N) N Date Received : 11/12/94
Extraction(Sepf/Cont/Sonc) SONC Date Extracted : 11/16/94
Concentrated Extract Volume:5000(uL) Date Analyzed : 11/23/94
Injection Volume: 1 (uL) Dilution Factor: 1.0
GPC Cleanup:(Y/N) Y pH: 5.8 Sulfur Cleanup : N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/Kg	Q
319-84-6	alpha-BHC	2.3	U
319-85-7	beta-BHC	2.3	U
319-86-8	delta-BHC	2.3	U
58-89-9	gamma-BHC(Lindane)	2.3	U
76-44-8	Heptachlor	2.3	U
309-00-2	Aldrin	2.3	U
1024-57-3	Heptachlor Epoxide	2.3	U
959-98-8	Endosulfan I	2.3	U
60-57-1	Dieldrin	4.4	U
72-55-9	4,4'-DDE	4.4	U
72-20-8	Endrin	4.4	U
33213-65-9	Endosulfan II	4.4	U
72-54-8	4,4'-DDD	4.4	U
1013-07-8	Endosulfan sulfate	4.4	U
50-29-3	4,4'-DDT	4.4	U
72-43-5	Methoxychlor	23	U
53494-70-5	Endrin ketone	4.4	U
7421-36-3	Endrin aldehyde	4.4	U
5103-71-9	alpha-Chlordane	2.3	U
5103-74-2	gamma-Chlordane	2.3	U
8001-35-2	Toxaphene	230	U
12674-11-2	Aroclor 1016	44	U
11104-28-2	Aroclor 1221	89	U
11141-16-5	Aroclor 1232	44	U
53469-21-9	Aroclor 1242	44	U
12672-29-6	Aroclor 1248	44	U
11097-69-1	Aroclor 1254	88	P
11096-82-5	Aroclor 1260	180	

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X115

Lab Name: ARDL, INC.
Lab Code: Case No.: 2344
Matrix(soil/water) : SOIL
Sample(wt/vol) : 30.0 (g/mL) g
% Moisture: 36 decanted:(Y/N) N
Extraction(Sepf/Cont/Sonc) SONC
Concentrated Extract Volume:5000(uL)
Injection Volume: 1 (uL)
GPC Cleanup:(Y/N) Y pH: 3.5

Contract: SAUGET SA 1+2
SDG No.: X112
Lab Sample ID : 2344-4
Lab File ID :
Date Received : 11/12/94
Date Extracted : 11/16/94
Date Analyzed : 11/23/94
Dilution Factor: 1.0
Sulfur Cleanup : N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/Kg	Q
319-84-6	alpha-BHC	2.6	U
319-85-7	beta-BHC	2.6	U
319-86-8	delta-BHC	2.6	U
58-89-9	gamma-BHC(Lindane)	2.6	U
76-44-8	Heptachlor	2.6	U
309-00-2	Aldrin	2.6	U
1024-57-3	Heptachlor Epoxide	2.6	U
959-98-8	Endosulfan I	2.6	U
60-57-1	Dieldrin	5.2	U
72-55-9	4,4'-DDE	5.2	U
72-20-8	Endrin	5.2	U
33213-65-9	Endosulfan II	5.2	U
72-54-8	4,4'-DDD	5.2	U
1013-07-8	Endosulfan sulfate	5.2	U
50-29-3	4,4'-DDT	5.2	U
72-43-5	Methoxychlor	26	U
53494-70-5	Endrin ketone	5.2	U
7421-36-3	Endrin aldehyde	5.2	U
5103-71-9	alpha-Chlordane	2.6	U
5103-74-2	gamma-Chlordane	2.6	U
8001-35-2	Toxaphene	260	U
12674-11-2	Aroclor 1016	52	U
11104-28-2	Aroclor 1221	110	U
11141-16-5	Aroclor 1232	52	U
53469-21-9	Aroclor 1242	52	U
12672-29-6	Aroclor 1248	52	U
11097-69-1	Aroclor 1254	440	
11096-82-5	Aroclor 1260	550	

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X116

Lab Name: ARDL, INC. Contract: SAUGET SA 1+2
Lab Code: Case No.: 2344 SDG No.: X112
Matrix(soil/water) : SOIL Lab Sample ID : 2344-5
Sample(wt/vol) : 30.0 (g/mL) g Lab File ID :
% Moisture: 37 decanted:(Y/N) N Date Received : 11/12/94
Extraction(Sepf/Cont/Sonc) SONC Date Extracted : 11/16/94
Concentrated Extract Volume:5000(uL) Date Analyzed : 11/24/94
Injection Volume: 1 (uL) Dilution Factor: 100
GPC Cleanup:(Y/N) Y pH: 4.9 Sulfur Cleanup : N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/Kg	Q
319-84-6	alpha-BHC	270	U
319-85-7	beta-BHC	270	U
319-86-8	delta-BHC	270	U
58-89-9	gamma-BHC(Lindane)	270	U
76-44-8	Heptachlor	270	U
309-00-2	Aldrin	270	U
1024-57-3	Heptachlor Epoxide	270	U
959-98-8	Endosulfan I	270	U
60-57-1	Dieldrin	520	U
72-55-9	4,4'-DDE	520	U
72-20-8	Endrin	520	U
33213-65-9	Endosulfan II	520	U
72-54-8	4,4'-DDD	520	U
1013-07-8	Endosulfan sulfate	520	U
50-29-3	4,4'-DDT	520	U
72-43-5	Methoxychlor	2700	U
53494-70-5	Endrin ketone	520	U
7421-36-3	Endrin aldehyde	520	U
5103-71-9	alpha-Chlordane	270	U
5103-74-2	gamma-Chlordane	270	U
8001-35-2	Toxaphene	27000	U
12674-11-2	Aroclor 1016	5200	U
11104-28-2	Aroclor 1221	11000	U
11141-16-5	Aroclor 1232	5200	U
53469-21-9	Aroclor 1242	5200	U
12672-29-6	Aroclor 1248	15000	
11097-69-1	Aroclor 1254	29000	
11096-82-5	Aroclor 1260	46000	