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# **SITE INVESTIGATION REMEDIAL ALTERNATIVES REPORT**

## **VOLUME 2 APPENDICES G - I**

**FOR**

**TRINIDAD PARK  
237 KENSINGTON AVENUE  
BUFFALO, NEW YORK**

RECEIVED

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**Prepared for:**

**The City of Buffalo  
Department of Public Works,  
Parks, and Streets  
616 City Hall  
Buffalo, New York 14202**

**Prepared by:**

**Panamerican Environmental, Inc.  
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**February 2003**

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## **APPENDIX G**

### **DATA USABILITY SUMMARY REPORTS**

# **DATA USABILITY SUMMARY REPORT**

**TRINIDAD PARK  
BUFFALO, NEW YORK**

**Analyses Performed by:  
FRIEND LABORATORIES  
WAVERLY, NEW YORK**

**Prepared for:  
PANAMERICAN ENVIRONMENTAL, INC.**

**Prepared by:  
URS CORPORATION**

**APRIL 2001**



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## I. INTRODUCTION

This Data Usability Summary Report (DUSR) has been prepared following the guidelines provided in New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation *Guidance for the Development of Data Usability Summary Reports* (Revised June 1999) and the approved Remedial Investigation Work Plan (January 2000).

## II. ANALYTICAL METHODOLOGIES

The data being evaluated is from the January 9-11, 2001 sampling of seventeen surface soil samples, eighteen subsurface soil samples, one field duplicate, one trip blank, and two rinsate blanks. The analytical laboratory that performed the sample analyses is Friend Laboratories located in Waverly, New York.

The samples were analyzed in accordance with NYSDEC Analytical Services Protocol (ASP), 10/95 Edition for the following parameters. Not all samples were analyzed for each parameter.

<u>Parameter</u>	<u>Method No.</u>
Target Compound List (TCL) Volatile Organic Compounds (VOCs)	95-1
TCL Semivolatile Organic Compounds (SVOCs)	95-2
TCL Polychlorinated Biphenyls (PCBs)	95-3
Target Analyte List (TAL) Metals (23) plus Total Cyanide	CLP-M

A limited data validation was performed following the general guidelines in USEPA Region II Contract Laboratory Program (CLP) Organics Data Review (CLP/SOW OLM03.1), SOP No. HW-6, Revision #11, June 1996 and Evaluation of Metals Data for the CLP, SOP Revision XI, January 1992. Samples were qualified only when method criteria were not met. Qualifications applied to the data include "J/UJ" (estimated result/estimated quantitation limit), "B" [result less than the quantitation limit, but greater than the instrument detection limit (metals and cyanide)], "U" (not detected at the reported quantitation limit), and "R" (rejected). The summary of analytical qualifiers are presented in Table 1. The laboratory summary forms (Form Is) are presented in Attachment 1.

### III. DATA DELIVERABLE COMPLETENESS

The laboratory deliverable data packages were prepared in accordance with NYSDEC ASP Category B requirements. The data packages were complete and complied with these requirements.

### IV. HOLDING TIMES

Many samples in the SVOC fraction required re-extraction, but were re-extracted outside the method holding time criteria of 10 days from the validated time of sample receipt. In accordance with USEPA Region II validation guidelines all results are qualified "J" / "UJ". A summary of analytical qualifiers is presented in Table 1.

All other analyses were performed within NYSDEC contractual holding time criteria.

### V. QUALITY CONTROL DATA

#### A. Quality Control (QC) Blanks

The VOC QC blanks (i.e., method blank) exhibited 4-methyl-2-pentanone and/or 1,1,2,2-tetrachloroethane contamination. These compounds were not detected in the samples, therefore, no qualification was necessary. The metals rinsate blanks exhibited calcium, iron, magnesium, sodium and zinc contamination above the quantitation limits. Following USEPA Region II validation guidelines, sodium and calcium results were qualified as non-detect ("U"). Results greater than 5 times the concentration of the associated blank are not qualified. Samples qualified are identified in Table 1.

#### B. Instrument Tune Criteria

All NYSDEC ASP instrument tune criteria were met for all VOC and SVOC analyses.

C. Initial and Continuing Calibrations

All VOC, SVOC, PCB, metals, and cyanide initial and continuing calibration data were compliant with method requirements.

D. Surrogate/Internal Standard Recoveries

Several VOC samples and many SVOC samples exhibited low percent recoveries for internal standards and/or surrogates. Following USEPA Region II validation guidelines, results associated with low internal standard (IS) recoveries (i.e., <50% but >25%) were qualified as estimated (J/UJ). Non-detect results associated with extremely low IS recoveries (i.e., <25%) were qualified as rejected (R) and associated positive results were qualified as estimated (J). Results associated with low surrogate recoveries were qualified as estimated (J/UJ). Non-detect results with extremely low surrogate recoveries (i.e., <10%) were qualified as rejected (R) and positive results were qualified as estimated (J). For samples that were re-extracted and/or reanalyzed, the results that required the least amount of and/or least severe qualifications were reported. A summary of analytical qualifiers are presented in Table 1. Copies of the internal standard and surrogate recovery forms (i.e., Form 2 and 8A) are presented in Attachment 2 – Support Documentation.

All other surrogate and internal standard recoveries were within the QC limits specified in NYSDEC ASP.

E. Matrix Spike/Matrix Spike Duplicate/Matrix Spike Blank Analyses

The metals matrix spike (MS) analysis of surface soil sample BG-SOUTH exhibited a low %R (<75%) for antimony and cyanide. Copies of the MS forms (i.e., Form 5A and 5B) are presented in Attachment 2 – Support Documentation. Following USEPA Region II validation guidelines, the results for antimony and cyanide in the surface soil samples were qualified as estimated (J/UJ).

The metals MS analysis of subsurface soil sample TP-TP1,2 exhibited a low %R(<75%) for antimony and a high %R (>125%) for mercury. Copies of the MS forms (i.e., Form 5A and 5B) are presented in Attachment 2 – Support Documentation. Following USEPA Region II validation guidelines, the results for antimony in the subsurface soil samples were qualified as estimated (J/UJ). Only detected results for mercury were qualified estimated (J).

All other parameters were within the applicable method QC limits, and no other qualifications were made.

F. Matrix Duplicates

The matrix duplicate results (metals and cyanide only) were within method QC limits.

G. Laboratory Control Samples (Metals Only)

The laboratory control sample (LCS) results were within method QC limits.

H. Contract Required Detection Limit Standards (Metals Only)

All recoveries were within the applicable method QC limits.

I. Serial Dilutions (Metals Only)

The serial dilution of sample SS9 exhibited a percent difference >10% for lead. Following USEPA Region II validation guidelines, all lead results greater than 10 times the instrument detection limits (IDLs) were qualified as estimated (J).

All other metals were within the applicable method QC limits, and no qualifications were made.

J. Field Duplicates

A field duplicate (TP5DUP) was collected for sample TP5. In accordance with USEPA Region II validation guidelines, no qualification of the data was made based on field duplicate precision.

**VI. SAMPLE RESULTS**

A. Sample Receipt and Preservation

All samples were received intact at the laboratory, under proper chain-of-custody (COC) documentation, and at the proper temperature.

B. Sample Dilutions

Soil sample BG-NC required secondary dilution for pyrene, while sample TP-TP1,2 required secondary dilution for phenanthrene. Sample SS13 required secondary dilution for fluoranthene and pyrene. Several other samples were diluted without the presence of elevated target compounds due to matrix interference.

C. Quantitation Limits

All quantitation limits were reported in accordance with method requirements, and were adjusted accordingly for dilution factors, where applicable. Several organic and inorganic results were qualified “J” and “B”, respectively, by the laboratory indicating an estimated concentration below the quantitation limits.

D. PCB Identification

The %D between the concentration detected on each analytical column for PCB analysis exceeded 25% for Aroclor-1254. Following USEPA Region II validation guidelines, results were qualified as estimated (J). A summary of analytical qualifiers are presented in Table 1. Copies of the laboratory Form 10 are presented in Attachment 2 – Support Documentation.

## VII. SUMMARY

All sample analyses were found to be compliant with the method criteria, except where previously noted. Those results qualified “J”/“UJ” (estimated) are considered conditionally usable and results qualified “R” (rejected) are considered not usable. URS Corporation does not recommend recollection or reanalysis of any samples at this time. An explanation of the validation qualifiers is provided in Table 2.

**TABLE 1**  
**SUMMARY OF QUALIFIED DATA**  
**JANUARY 2001 SAMPLING EVENT**  
**TRINIDAD PARK, BUFFALO, NEW YORK**

Sample ID	Fraction	Analytical Deviation	Qualification
TP4, TP12, TP15, TP17	VOC	Chlorobenzene-d5 internal standard recovery <50% but >25%	Qualify all associated compounds "UJ"
TP10	VOC	Bromochloromethane, 1,4-difluorobenzene, and chlorobenzene-d5 internal standard recoveries <50% but >25%	Qualify all compounds "J"/"UJ"
TP18	VOC	1,4-Difluorobenzene and chlorobenzene-d5 internal standard recoveries <50% but >25%	Qualify all associated compounds UJ"
BG-NC	SVOC	Extraction holding time exceeded	Qualify result for pyrene "J"
TP-SS3, TP-TP1,2, TP4,6, SS9, SS7	SVOC	Extraction holding time exceeded	Qualify all results "J/UJ"
TP-TP3, TP-TP14,15, PG-SM, TP11-19, BG-N-NW, TP5DUP, TP4,6, SS9, TP10, TP18	SVOC	Chrysene-d12 and perylene-d12 internal standard recoveries <25%	Qualify all associated detected compounds "J" and reject (R) all non-detects
TP5, SS16, TP16-17, BG-N-SW	SVOC	Chrysene-d12 internal standard recoveries <50% but >25%	Qualify all associated compounds "J/UJ"
TP5DUP	SVOC	Phenanthrene-d10 internal standard recoveries <50% but >25%	Qualify all associated compounds "J/UJ"
BG-SOUTH, SS15, SS13, SS12, SS10, TP7,9	SVOC	Perylene-d12 internal standard recoveries <50% but >25%	Qualify all associated compounds "J/UJ"
SS7, TP5, SS16, TP16-17, BG-N-SW	SVOC	Perylene-d12 internal standard recoveries <25%	Qualify all associated compounds "J/UJ"
SS17	SVOC	Chrysene-d12 and perylene-d12 internal standard recoveries <50% but >25%	Qualify all associated compounds "J/UJ"



Sample ID	Fraction	Analytical Deviation	Qualification
TP18	SVOC	Surrogate recoveries <50% but >10%	Qualify all compounds "J/UJ"
TP10	SVOC	All surrogate recoveries <10%	Qualify all compounds "R"
TP4,6, TP18, BG-N-NW, SS9	SVOC	Acid phenol surrogate recoveries <10%	Qualify all detected acid phenol compounds "J" and "R" and all non-detects
TP7,9, SS13, BG-SOUTH, BG-N-NW	PCB	Percent %D >25% between dual analytical columns	Qualify AROCLOR-1254 results "J"
ALL SURFACE SOIL SAMPLES	Metals	Matrix spike %R <75% for antimony and >125% but <150% for cyanide	Qualify all detected results for antimony and cyanide "J" and all non detect results for antimony "UJ"
ALL SUBSURFACE SOIL SAMPLES	Metals	Matrix spike %R <75% for antimony and >125% but <150% for mercury	Qualify all detected results for antimony and mercury "J" and all non detect results for antimony "UJ"
ALL SAMPLES	Metals	Blank contamination for sodium	Qualify all results less than 5 times the blank concentration "U"
SS4, SS5, SS7, PG-NM, BG-SOUTH, TP7,9	Metals	Blank contamination for calcium	Qualify all results less than 5 times the blank concentration "U"
ALL SUBSURFACE SOILS	Metals	Duplicate %RPD >100% for cyanide	Qualify all results for cyanide "J/UJ"
SS4	Metals	Results for arsenic exceeded linear range of calibration	Qualify results "J"
ALL SUBSURFACE SOILS	Metals	Serial dilution %D >10% for lead	Qualify all results >10 times IDL for lead "J"

## DEFINITION OF DATA QUALIFIERS

U – The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J – The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ – The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

B (metals only) – The analyte was detected in the sample at a concentration greater than the instrument detection limit, but less than the quantitation limit.

R – The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

**ATTACHMENT 1**  
**LABORATORY SUMMARY FORMS**  
**(FORM Is)**

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-TP3

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-3

Sample wt/vol: 5.2 (g/ml) G Lab File ID: C3723.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: not dec. 31.2 Date Analyzed: 01/18/01

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3	Chloromethane	14	U
74-83-9	Bromomethane	14	U
75-01-4	Vinyl Chloride	14	U
75-00-3	Chloroethane	14	U
75-09-2	Methylene Chloride	10	J
67-64-1	Acetone	14	U
75-15-0	Carbon Disulfide	14	U
75-35-4	1,1-Dichloroethene	14	U
75-34-3	1,1-Dichloroethane	14	U
156-59-2	cis-1,2-Dichloroethene	14	U
156-60-5	trans-1,2-Dichloroethene	14	U
67-66-3	Chloroform	14	U
107-06-2	1,2-Dichloroethane	14	U
78-93-3	MEK (2-Butanone)	14	U
71-55-6	1,1,1-Trichloroethane	14	U
56-23-5	Carbon Tetrachloride	14	U
75-27-4	Bromodichloromethane	14	U
78-87-5	1,2-Dichloropropane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
79-01-6	Trichloroethene	14	U
124-48-1	Dibromochloromethane	14	U
79-00-5	1,1,2-Trichloroethane	14	U
71-43-2	Benzene	14	U
10061-02-6	trans-1,3-Dichloropropene	14	U
75-25-2	Bromoform	14	U
108-10-1	MIBK (4-Methyl-2-pentanone)	14	U
591-78-6	2-Hexanone	14	U
127-18-4	Tetrachloroethene	14	U
79-34-5	1,1,2,2-Tetrachloroethane	14	U
108-88-3	Toluene	14	U
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	14	U
100-42-5	Styrene	14	U
106-42-3/108-38-3	p-Xylene/m-Xylene	14	U
95-47-6	o-Xylene	14	U

**VOLATILE ORGANICS ANALYSIS DATA SHEET**  
**TENTATIVELY IDENTIFIED COMPOUNDS**

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-3

Sample wt/vol: \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: C 37231

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: \_\_\_\_\_

GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

Dilution Factor: \_\_\_\_\_

Soil Extract Volume: \_\_\_\_\_ (µL)

Soil Aliquot Volume: \_\_\_\_\_ (µL)

CONCENTRATION UNITS:

(µg/L or µg/Kg) µg/Kg

Number TICs found: 10

12/4/12  
2.11  
1/23

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	19.01	90	J
2.		19.23	94	
3.		19.65	90	
4.		19.92	120	
5.		20.13	150	
6.		20.28	110	
7.		20.43	100	
8.		20.55	120	
9.		20.88	180	
10.	↓	21.14	50	
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SUB  
1-600

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP4

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-9

Sample wt/vol: 5.6 (g/ml) G Lab File ID: C3748.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: not dec. 21.2 Date Analyzed: 01/19/01

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	8	JB 2/7/01
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
156-60-5	trans-1,2-Dichloroethene	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	MEK (2-Butanone)	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	MIBK (4-Methyl-2-pentanone)	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
106-42-3/108-38-3	p-Xylene/m-Xylene	11	U
95-47-6	o-Xylene	11	U

US  
↓

JAT  
4/2/01

**VOLATILE ORGANICS ANALYSIS DATA SHEET**  
**TENTATIVELY IDENTIFIED COMPOUNDS**

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-9

Sample wt/vol: \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: C3748-d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: \_\_\_\_\_

GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

Dilution Factor: \_\_\_\_\_

Soil Extract Volume: \_\_\_\_\_ (µL)

Soil Aliquot Volume: \_\_\_\_\_ (µL)

Number TICs found: 3

CONCENTRATION UNITS:

(µg/L or µg/Kg) µg/Kg

1244171  
B-11  
1/23

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	<u>Unknown</u>	<u>1.94</u>	<u>14</u>	<u>↓</u>
2.	<u>↓</u>	<u>5.06</u>	<u>6</u>	<u>↓</u>
3.	<u>↓</u>	<u>5.45</u>	<u>11</u>	<u>↓</u>
4.	<u>↓</u>			
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1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP4 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-9

Sample wt/vol: 5.4 (g/ml) G Lab File ID: C3730.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: not dec. 21.2 Date Analyzed: 01/18/01

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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	7	J
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
156-59-2	cis-1,2-Dichloroethene	12	U
156-60-5	trans-1,2-Dichloroethene	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	MEK (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	MIBK (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
106-42-3/108-38-3	p-Xylene/m-Xylene	12	U
95-47-6	o-Xylene	12	U



# VOLATILE ORGANICS ANALYSIS DATA SHEET

## TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO. \_\_\_\_\_

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62619

Sample wt/vol: \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: C3730-d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: \_\_\_\_\_

GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

Dilution Factor: \_\_\_\_\_

Soil Extract Volume: \_\_\_\_\_ (μL)

Soil Aliquot Volume: \_\_\_\_\_ (μL)

Number TICs found: 3

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.92	15	J
2.	↓	5.02	11	↓
3.	↓	5.4	23	↓
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VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP5

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-10

Sample wt/vol: 5.4 (g/ml) G Lab File ID: C3721.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: not dec. 15.5 Date Analyzed: 01/18/01

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	10	J
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
156-60-5	trans-1,2-Dichloroethene	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	MEK (2-Butanone)	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	MIBK (4-Methyl-2-pentanone)	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
106-42-3/108-38-3	p-Xylene/m-Xylene	11	U
95-47-6	o-Xylene	11	U

# VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L 626110

Sample wt/vol: \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: C3721.1

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: \_\_\_\_\_

GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

Dilution Factor: \_\_\_\_\_

Soil Extract Volume: \_\_\_\_\_ (μL)

Soil Aliquot Volume: \_\_\_\_\_ (μL)

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/Kg

Number TICs found: 4

12/4/17  
12/11  
1/23

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.94	13	J
2.	↓	5.05	5	I
3.	↓	5.42	16	↓
4.	↓	20.81	6	↓
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VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP5 DUP

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-12

Sample wt/vol: 5.0 (g/ml) G Lab File ID: C3731.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: not dec. 15.5 Date Analyzed: 01/18/01

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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	5	J
67-64-1	Acetone	6	J
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
156-60-5	trans-1,2-Dichloroethene	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	MEK (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	MIBK (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
106-42-3/108-38-3	p-Xylene/m-Xylene	12	U
95-47-6	o-Xylene	12	U

**-VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS**

**NYSDEC SAMPLE NO.**

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-12

Sample wt/vol: \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: C 3731-2

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: \_\_\_\_\_

GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

Dilution Factor: \_\_\_\_\_

Soil Extract Volume: \_\_\_\_\_ (µL)

Soil Aliquot Volume: \_\_\_\_\_ (µL)

CONCENTRATION UNITS:

Number TICs found: 5

(µg/L or µg/Kg) µg/Kg

*R44171  
B-11  
1/23*

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.92	15	J
2.	↓	2.66	8	↓
3.	↓	5.03	10	↓
4.	↓	5.42	19	↓
5.	↓	20.9	8	↓
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VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP7

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-27

Sample wt/vol: 5.0 (g/ml) G Lab File ID: C3722.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: not dec. 23.7 Date Analyzed: 01/18/01

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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	8	J
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
156-59-2	cis-1,2-Dichloroethene	13	U
156-60-5	trans-1,2-Dichloroethene	13	U
67-66-3	Chloroform	13	U
107-06-2	1,2-Dichloroethane	13	U
78-93-3	MEK (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	MIBK (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
106-42-3/108-38-3	p-Xylene/m-Xylene	13	U
95-47-6	o-Xylene	13	U

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-27

Sample wt/vol: \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: C37224

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: \_\_\_\_\_

12/4/17

GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

Dilution Factor: \_\_\_\_\_

1/1

Soil Extract Volume: \_\_\_\_\_ (µL)

Soil Aliquot Volume: \_\_\_\_\_ (µL)

1/23

CONCENTRATION UNITS:

(µg/L or µg/Kg) µg/Kg

Number TICs found: 5

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.95	17	J
2.		5.04	20	
3.		5.43	<del>20</del> 21	
4.		5.20, 5.1	8	
5.		<del>20.85</del> 20.81	7	
6.		16		
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SP  
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VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP9

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-29

Sample wt/vol: 4.1 (g/ml) G Lab File ID: C3719.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: not dec. 29 Date Analyzed: 01/18/01

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3	Chloromethane	17	U
74-83-9	Bromomethane	17	U
75-01-4	Vinyl Chloride	17	U
75-00-3	Chloroethane	17	U
75-09-2	Methylene Chloride	4	J
67-64-1	Acetone	160	
75-15-0	Carbon Disulfide	4	J
75-35-4	1,1-Dichloroethene	17	U
75-34-3	1,1-Dichloroethane	17	U
156-59-2	cis-1,2-Dichloroethene	17	U
156-60-5	trans-1,2-Dichloroethene	17	U
67-66-3	Chloroform	17	U
107-06-2	1,2-Dichloroethane	17	U
78-93-3	MEK (2-Butanone)	39	
71-55-6	1,1,1-Trichloroethane	17	U
56-23-5	Carbon Tetrachloride	17	U
75-27-4	Bromodichloromethane	17	U
78-87-5	1,2-Dichloropropane	17	U
10061-01-5	cis-1,3-Dichloropropene	17	U
79-01-6	Trichloroethene	17	U
124-48-1	Dibromochloromethane	17	U
79-00-5	1,1,2-Trichloroethane	17	U
71-43-2	Benzene	17	U
10061-02-6	trans-1,3-Dichloropropene	17	U
75-25-2	Bromoform	17	U
108-10-1	MIBK (4-Methyl-2-pentanone)	17	U
591-78-6	2-Hexanone	17	U
127-18-4	Tetrachloroethene	17	U
79-34-5	1,1,2,2-Tetrachloroethane	17	U
108-88-3	Toluene	17	U
108-90-7	Chlorobenzene	17	U
100-41-4	Ethylbenzene	17	U
100-42-5	Styrene	17	U
106-42-3/108-38-3	p-Xylene/m-Xylene	17	U
95-47-6	o-Xylene	17	U

00136



# VOLATILE ORGANICS ANALYSIS DATA SHEET I

## TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO. \_\_\_\_\_

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-29

Sample wt/vol: \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: C3719d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: \_\_\_\_\_

GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

Dilution Factor: \_\_\_\_\_

Soil Extract Volume: \_\_\_\_\_ (μL)

Soil Aliquot Volume: \_\_\_\_\_ (μL)

Number TICs found: 7

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/Kg

1144171  
B'11  
1/23

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	<u>Unknown</u>	<u>1.94</u>	<u>19</u>	<u>J</u>
2.		<u>2.38</u>	<u>12</u>	
3.		<u>2.67</u>	<u>12</u>	
4.		<u>3.52</u>	<u>10</u>	
5.		<u>4.32</u>	<u>26</u>	
6.		<u>5.42</u>	<u>24</u>	
7.		<u>20.81</u>	<u>17</u>	
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NYSDEC SAMPLE NO.

Lab Name:	FRIEND LABORATORY, INC.		Contract:	
Lab Code:	10252	Case No.:	SAS No.:	SDG No.: PANAM
Matrix: (soil/water)	SOIL		Lab Sample ID:	L62601-31
Sample wt/vol:	5.0	(g/ml) G	Lab File ID:	C3738.D
Level: (low/med)	LOW		Date Received:	01/11/01
% Moisture: not dec.	15.2		Date Analyzed:	01/19/01
GC Column:	RTX-624	ID: 0.53 (mm)	Dilution Factor:	1.0
Soil Extract Volume:		(uL)	Soil Aliquot Volume:	(uL)

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
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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	15	<del>B</del>
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
156-59-2	cis-1,2-Dichloroethene	12	U
156-60-5	trans-1,2-Dichloroethene	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	MEK (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	MIBK (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	2	J
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
106-42-3/108-38-3	p-Xylene/m-Xylene	12	U
95-47-6	o-Xylene	12	U

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 2/7/01  
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# VOLATILE ORGANICS ANALYSIS DATA SHEET

## TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: 662601-31

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: C3738.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: \_\_\_\_\_

12/4/17

GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

Dilution Factor: \_\_\_\_\_

13:11

Soil Extract Volume: \_\_\_\_\_ (µL)

Soil Aliquot Volume: \_\_\_\_\_ (µL)

1/23

Number TICs found: 7

CONCENTRATION UNITS:

(µg/L or µg/Kg) µg/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.93	24	J
2.	↓	2.23	9	↓
3.		2.52	8	
4.		3.98	9	
5.		5.04	12	
6.		5.42	19	
7.		20.51	8	
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10, 1/22/01

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP10 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-31

Sample wt/vol: 5.4 (g/ml) G Lab File ID: C3724.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: not dec. 15.2 Date Analyzed: 01/18/01

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	17	
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
156-60-5	trans-1,2-Dichloroethene	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	MEK (2-Butanone)	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	MIBK (4-Methyl-2-pentanone)	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
106-42-3/108-38-3	p-Xylene/m-Xylene	11	U
95-47-6	o-Xylene	11	U

**VOLATILE ORGANICS ANALYSIS DATA SHEET -  
TENTATIVELY IDENTIFIED COMPOUNDS**

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: 66260131

Sample wt/vol: \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: C3724.1

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: \_\_\_\_\_

GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

Dilution Factor: \_\_\_\_\_

Soil Extract Volume: \_\_\_\_\_ (µL)

Soil Aliquot Volume: \_\_\_\_\_ (µL)

Number TICs found: 9

CONCENTRATION UNITS:

(µg/L or µg/Kg) µg/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.92	40	J
2.		2.16	9	
3.		2.30	12	
4.		2.49	6	
5.		3.42	21	
6.		4.44	8	
7.		5.01	20	
8.		5.42	45	
9.		20.8	9	
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VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP12

Lab Name: FRIEND LABORATORY, INC.

Contract: \_\_\_\_\_

Lab Code: 10252

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: PANAM

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-37

Sample wt/vol: 5.4 (g/ml) G

Lab File ID: C3725.D

Level: (low/med) LOW

Date Received: 01/17/01 <sup>12</sup> RR 3/12/01

% Moisture: not dec. 17.6

Date Analyzed: 01/18/01

GC Column: RTX-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	12	
67-64-1	Acetone	78	
75-15-0	Carbon Disulfide	4	J
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
156-60-5	trans-1,2-Dichloroethene	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	MEK (2-Butanone)	15	
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	MIBK (4-Methyl-2-pentanone)	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
106-42-3/108-38-3	p-Xylene/m-Xylene	11	U
95-47-6	o-Xylene	11	U

57  
Tn  
4/2/01

**VOLATILE ORGANICS ANALYSIS DATA SHEET**  
**TENTATIVELY IDENTIFIED COMPOUNDS**

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-37

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: C3725.1

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: \_\_\_\_\_

GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

Dilution Factor: \_\_\_\_\_

Soil Extract Volume: \_\_\_\_\_ (µL)

Soil Aliquot Volume: \_\_\_\_\_ (µL)

*R44171*  
*B.11*  
*1/23*

Number TICs found: 7

CONCENTRATION UNITS:

(µg/L or µg/Kg) µg/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.92	20	J
2.		2.38	6	
3.		2.65	12	
4.		5.02	13	
5.		5.41	24	
6.		20.50	16	
7.		20.80	25	
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VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP12 RE

Lab Name: FRIEND LABORATORY, INC.

Contract: \_\_\_\_\_

Lab Code: 10252

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: PANAM

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-37

Sample wt/vol: 5.2 (g/ml) G

Lab File ID: C3739.D

Level: (low/med) LOW

Date Received: 01/11/01 *ear 3/12/01*

% Moisture: not dec. 17.6

Date Analyzed: 01/19/01

GC Column: RTX-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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	11	<del>U</del> <i>ear 2/7/01</i>
67-64-1	Acetone	100	
75-15-0	Carbon Disulfide	3	J
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
156-60-5	trans-1,2-Dichloroethene	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	MEK (2-Butanone)	20	<del>U</del> <i>ear 2/7/01</i>
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	MIBK (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
106-42-3/108-38-3	p-Xylene/m-Xylene	12	U
95-47-6	o-Xylene	12	U



# VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L 62601-37

Sample wt/vol: \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: C 3739.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: \_\_\_\_\_

GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

Dilution Factor: \_\_\_\_\_

Soil Extract Volume: \_\_\_\_\_ (μL)

Soil Aliquot Volume: \_\_\_\_\_ (μL)

Number TICs found: 6

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.93	19	J
2.	↓	2.37	12	↓
3.	↓	2.66	8	↓
4.	↓	5.03	8	↓
5.	↓	5.42	18	↓
6.	↓	20.81	6	↓
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VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-13

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-39

Sample wt/vol: 4.1 (g/ml) G Lab File ID: C3720.D

Level: (low/med) LOW Date Received: 01/17/01 *val 3/12/01*

% Moisture: not dec. 30.4 Date Analyzed: 01/18/01

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3	Chloromethane	18	U
74-83-9	Bromomethane	18	U
75-01-4	Vinyl Chloride	18	U
75-00-3	Chloroethane	18	U
75-09-2	Methylene Chloride	9	J
67-64-1	Acetone	160	
75-15-0	Carbon Disulfide	18	U
75-35-4	1,1-Dichloroethene	18	U
75-34-3	1,1-Dichloroethane	18	U
156-59-2	cis-1,2-Dichloroethene	18	U
156-60-5	trans-1,2-Dichloroethene	18	U
67-66-3	Chloroform	18	U
107-06-2	1,2-Dichloroethane	18	U
78-93-3	MEK (2-Butanone)	29	
71-55-6	1,1,1-Trichloroethane	18	U
56-23-5	Carbon Tetrachloride	18	U
75-27-4	Bromodichloromethane	18	U
78-87-5	1,2-Dichloropropane	18	U
10061-01-5	cis-1,3-Dichloropropene	18	U
79-01-6	Trichloroethene	18	U
124-48-1	Dibromochloromethane	18	U
79-00-5	1,1,2-Trichloroethane	18	U
71-43-2	Benzene	18	U
10061-02-6	trans-1,3-Dichloropropene	18	U
75-25-2	Bromoform	18	U
108-10-1	MIBK (4-Methyl-2-pentanone)	18	U
591-78-6	2-Hexanone	18	U
127-18-4	Tetrachloroethene	18	U
79-34-5	1,1,2,2-Tetrachloroethane	18	U
108-88-3	Toluene	3	J
108-90-7	Chlorobenzene	18	U
100-41-4	Ethylbenzene	3	J
100-42-5	Styrene	18	U
106-42-3/108-38-3	p-Xylene/m-Xylene	18	U
95-47-6	o-Xylene	18	U

# VOLATILE ORGANICS ANALYSIS DATA SHEET

## TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

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\_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L 6261-39

Sample wt/vol: \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: C3720.1

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: \_\_\_\_\_

GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

Dilution Factor: \_\_\_\_\_

Soil Extract Volume: \_\_\_\_\_ (μL)

Soil Aliquot Volume: \_\_\_\_\_ (μL)

*R44171*

*15.11*

*1/23*

Number TICs found: 6

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	<i>unknown</i>	<i>1.94</i>	<i>22</i>	<i>J</i>
2.	<i>↓</i>	<i>4.30</i>	<i>11</i>	<i>↓</i>
3.		<i>5.05</i>	<i>11</i>	
4.		<i>5.43</i>	<i>23</i>	
5.		<i>19.89</i>	<i>76</i>	
6.		<i>20.55</i>	<i>9</i>	
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VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-15

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-48

Sample wt/vol: 5.1 (g/ml) G Lab File ID: C3726.D

Level: (low/med) LOW Date Received: 01/11/01 <sup>12</sup> cor 3/12/01

% Moisture: not dec. 17.7 Date Analyzed: 01/18/01

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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	6	J
67-64-1	Acetone	8	J
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
156-60-5	trans-1,2-Dichloroethene	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	MEK (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	MIBK (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
106-42-3/108-38-3	p-Xylene/m-Xylene	12	U
95-47-6	o-Xylene	12	U

03  
cor  
7/2/01

# VOLATILE ORGANICS ANALYSIS DATA SHEET

## TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO. \_\_\_\_\_

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-48

Sample wt/vol: \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: C37261

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: \_\_\_\_\_

GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

Dilution Factor: \_\_\_\_\_

Soil Extract Volume: \_\_\_\_\_ (μL)

Soil Aliquot Volume: \_\_\_\_\_ (μL)

Number TICs found: 5

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/Kg

1144659  
B-11  
29 JAN 2001

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.91	15	J
2.		5.02	7	
3.		5.41	17	
4.		19.87	11	
5.		20.79	10	
6.				
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VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-15 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-48

Sample wt/vol: 5.6 (g/ml) G Lab File ID: C3827.D

Level: (low/med) LOW Date Received: 01/11/01 <sup>12</sup> ear 3/12/01

% Moisture: not dec. 17.7 Date Analyzed: 01/25/01

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	14	<del>B</del> ear 2/7/01
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
156-60-5	trans-1,2-Dichloroethene	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	MEK (2-Butanone)	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	MIBK (4-Methyl-2-pentanone)	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
106-42-3/108-38-3	p-Xylene/m-Xylene	11	U
95-47-6	o-Xylene	11	U

1 E  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L 6261-98

Sample wt/vol: \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: C 3827-d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: \_\_\_\_\_

GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

Dilution Factor: \_\_\_\_\_

Soil Extract Volume: \_\_\_\_\_ (μL)

Soil Aliquot Volume: \_\_\_\_\_ (μL)

*out of holding time*

Number TICs found: 3

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	5.21	7	↓
2.	↓	5.62	11	↓
3.	↓	20.58	1+	↓
4.				
5.				
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00267

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-16

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-50

Sample wt/vol: 5.6 (g/ml) G Lab File ID: C3746.D

Level: (low/med) LOW Date Received: 01/17/01 <sup>12</sup> ear 3/12/01

% Moisture: not dec. 13.4 Date Analyzed: 01/19/01

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	<u>JP ear 2/7/01</u>
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	MEK (2-Butanone)	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	MIBK (4-Methyl-2-pentanone)	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
106-42-3/108-38-3	p-Xylene/m-Xylene	10	U
95-47-6	o-Xylene	10	U



# VOLATILE ORGANICS ANALYSIS DATA SHEET

## TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-90

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: C3746-d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: \_\_\_\_\_

GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

Dilution Factor: \_\_\_\_\_

Soil Extract Volume: \_\_\_\_\_ (μL)

Soil Aliquot Volume: \_\_\_\_\_ (μL)

Number TICs found: 9

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/Kg

*R44171*  
*15.11*  
*1/23*

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	<i>Unknown</i>	<i>1.95</i>	<i>21</i>	<i>J</i>
2.	<i>↓</i>	<i>2.67</i>	<i>21-9</i>	<i>↓</i>
3.	<i>↓</i>	<i>5.10</i>	<i>6</i>	<i>↓</i>
4.	<i>↓</i>	<i>5.46</i>	<i>11</i>	<i>↓</i>
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*SJG*  
*1-2-01*

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-17

Lab Name: FRIEND LABORATORY, INC.

Contract: \_\_\_\_\_

Lab Code: 10252

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: PANAM

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-54

Sample wt/vol: 5.1 (g/ml) G

Lab File ID: C3728.D

Level: (low/med) LOW

Date Received: 01/17/01 <sup>12</sup> ear 3/12/01

% Moisture: not dec. 21.2

Date Analyzed: 01/18/01

GC Column: RTX-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(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	7	J
67-64-1	Acetone	29	
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
156-60-5	trans-1,2-Dichloroethene	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	MEK (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	MIBK (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
106-42-3/108-38-3	p-Xylene/m-Xylene	12	U
95-47-6	o-Xylene	12	U

J  
4/2/01

# VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO. \_\_\_\_\_

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-54

Sample wt/vol: \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: C3728-d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: \_\_\_\_\_

GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

Dilution Factor: \_\_\_\_\_

Soil Extract Volume: \_\_\_\_\_ (μL)

Soil Aliquot Volume: \_\_\_\_\_ (μL)

CONCENTRATION UNITS:

Number TICs found: 4

(μg/L or μg/Kg) μg/kg

12/6/17  
B-11  
1/23

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	<u>Unknown</u>	<u>1.91</u>	<u>16</u>	<u>5</u>
2.	<u>↓</u>	<u>2.65</u>	<u>6</u>	<u>1</u>
3.	<u>↓</u>	<u>5.02</u>	<u>13</u>	<u>1</u>
4.	<u>↓</u>	<u>5.41</u>	<u>21</u>	<u>1</u>
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1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-17 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Matrix: (soil/water) SOIL Lab Sample ID: L62601-54  
 Sample wt/vol: 5.1 (g/ml) G Lab File ID: C3747.D  
 Level: (low/med) LOW Date Received: 01/17/01 *ear 3/12/01*  
 % Moisture: not dec. 21.2 Date Analyzed: 01/19/01  
 GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0  
 Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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	10	<i>JP ear 2/7/01</i>
67-64-1	Acetone	49	
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
156-60-5	trans-1,2-Dichloroethene	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	MEK (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	MIBK (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
106-42-3/108-38-3	p-Xylene/m-Xylene	12	U
95-47-6	o-Xylene	12	U

# VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-54

Sample wt/vol: \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: C3747-1

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: \_\_\_\_\_

GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

Dilution Factor: \_\_\_\_\_

Soil Extract Volume: \_\_\_\_\_ (μL)

Soil Aliquot Volume: \_\_\_\_\_ (μL)

Number TICs found: 4

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/Kg

*Conf*

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.94	17	↓
2.	↓	5.08	7	↓
3.	↓	5.46	14	↓
4.	↓	20.52	9	↓
5.				
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1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-18

Lab Name: FRIEND LABORATORY, INC.

Contract: \_\_\_\_\_

Lab Code: 10252

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: PANAM

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-57

Sample wt/vol: 5.0 (g/ml) G

Lab File ID: C3729.D

Level: (low/med) LOW

Date Received: 01/11/01 *rec'd 3/12/01*

% Moisture: not dec. 12.8

Date Analyzed: 01/18/01

GC Column: RTX-624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	8	J
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
156-60-5	trans-1,2-Dichloroethene	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	MEK (2-Butanone)	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	MIBK (4-Methyl-2-pentanone)	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
106-42-3/108-38-3	p-Xylene/m-Xylene	11	U
95-47-6	o-Xylene	11	U

UJ

*4/2/01*

VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L6260157

Sample wt/vol: \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: \_\_\_\_\_

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: \_\_\_\_\_

GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

Dilution Factor: \_\_\_\_\_

Soil Extract Volume: \_\_\_\_\_ (μL)

Soil Aliquot Volume: \_\_\_\_\_ (μL)

Number TICs found: 3

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/Kg

1/4/17

B-11

1/23

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	7.91	15	↓
2.	↓	5.01	9	↓
3.	↓	5.4	21	↓
4.				
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1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

RINSATE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) WATER Lab Sample ID: L62601-70

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: C3704.D

Level: (low/med) LOW Date Received: 01/11/01 *2002 3/12/01*

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 01/17/01

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	MEK (2-Butanone)	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	MIBK (4-Methyl-2-pentanone)	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
106-42-3/108-38-3	p-Xylene/m-Xylene	10	U
95-47-6	o-Xylene	10	U



# VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: 262601-70

Sample wt/vol: \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: C3704.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: \_\_\_\_\_

GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

Dilution Factor: \_\_\_\_\_

Soil Extract Volume: \_\_\_\_\_ (μL)

Soil Aliquot Volume: \_\_\_\_\_ (μL)

Number TICs found: 1

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/L

1243913

Bill

1/18

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	<del>1.95</del>	8.	J
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1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TRIP BLANK

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) WATER Lab Sample ID: L62601-71

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: C3705.D

Level: (low/med) LOW Date Received: 01/17/01 *rec'd 3/12/01*

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 01/17/01

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	MEK (2-Butanone)	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	MIBK (4-Methyl-2-pentanone)	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
106-42-3/108-38-3	p-Xylene/m-Xylene	10	U
95-47-6	o-Xylene	10	U

# VOLATILE ORGANICS ANALYSIS DATA SHEET

## TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO. \_\_\_\_\_

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: 62601-71

Sample wt/vol: \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: C370.5.2

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: \_\_\_\_\_

GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

Dilution Factor: \_\_\_\_\_

Soil Extract Volume: \_\_\_\_\_ (μL)

Soil Aliquot Volume: \_\_\_\_\_ (μL)

Number TICs found: 0

CONCENTRATION UNITS:

(μg/L or μg/Kg) \_\_\_\_\_

243955  
11  
1/18

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

BG-NC

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-1

Sample wt/vol: 30.056 (g/ml) G Lab File ID: B1793.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 15 decanted: (Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/22/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.54

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethylether)	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitrosodi-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-30	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-52	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxymethane)	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	980	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethyl phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	980	U
83-32-9	Acenaphthene	44	J
51-28-5	2,4-Dinitrophenol	980	U
100-02-7	4-Nitrophenol	980	U
132-84-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

BG-NC

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-1

Sample wt/vol: 30.056 (g/ml) G Lab File ID: B1793.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 15 decanted: (Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/22/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.54

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	390	U
7005-72-3	4-Chlorophenylphenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	980	U
534-52-1	2-Methyl-4,6-dinitrophenol	980	U
86-30-6	n-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenylphenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	980	U
85-01-8	Phenanthrene	1300	
120-12-7	Anthracene	210	J
86-74-8	Carbazole	250	J
84-74-2	Di-n-butyl phthalate	120	J
206-44-0	Fluoranthene	2700	
129-00-0	Pyrene	<del>3100</del> 4100	<del>U</del> <b>EDS</b>
85-68-7	Butylbenzyl phthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	1300	
218-01-9	Chrysene	1600	
117-81-7	bis-2-Ethylhexyl phthalate	930	
117-84-0	Di-n-octyl phthalate	390	U
205-99-2	Benzo(b)fluoranthene	1700	
207-08-9	Benzo(k)fluoranthene	820	
50-32-8	Benzo(a)pyrene	1200	
193-39-5	Indeno(1,2,3-cd)pyrene	1000	
53-70-3	Dibenzo(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	590	

*24*  
*4/3/01*

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: U62601-1

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: B1793.2

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (μL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (μL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

Number TICs found: 3

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/KgR47216  
B-11  
3LL

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	G
1.	Unknown	26.67	310	J
2.	↓	27.44	400	↓
3.	↓	36.36	300	↓
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FORM 1-CLP-SV-TIC

17, 2/24/01

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

**BG-NC DL**

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-1, 2X

Sample wt/vol: 30.056 (g/ml) G Lab File ID: A1429.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 25 decanted: (Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/27/01

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 7.54

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	890	U
111-44-4	bis(2-Chloroethylether)	890	U
95-57-8	2-Chlorophenol	890	U
541-73-1	1,3-Dichlorobenzene	890	U
106-46-7	1,4-Dichlorobenzene	890	U
95-50-1	1,2-Dichlorobenzene	890	U
95-48-7	2-Methylphenol	890	U
108-60-1	2,2'-oxybis(1-Chloropropane)	890	U
106-44-5	4-Methylphenol	890	U
621-64-7	N-Nitrosodi-n-propylamine	890	U
67-72-1	Hexachloroethane	890	U
98-95-30	Nitrobenzene	890	U
78-59-1	Isophorone	890	U
88-75-52	2-Nitrophenol	890	U
105-87-9	2,4-Dimethylphenol	890	U
111-91-1	bis(2-Chloroethoxymethane)	890	U
120-83-2	2,4-Dichlorophenol	890	U
120-82-1	1,2,4-Trichlorobenzene	890	U
91-20-3	Naphthalene	890	U
106-47-8	4-Chloroaniline	890	U
87-68-3	Hexachlorobutadiene	890	U
59-50-7	4-Chloro-3-methylphenol	890	U
91-57-6	2-Methylnaphthalene	890	U
77-47-4	Hexachlorocyclopentadiene	890	U
88-06-2	2,4,6-Trichlorophenol	890	U
95-95-4	2,4,5-Trichlorophenol	2200	U
91-58-7	2-Chloronaphthalene	890	U
88-74-4	2-Nitroaniline	2200	U
131-11-3	Dimethyl phthalate	890	U
208-96-8	Acenaphthylene	890	U
606-20-2	2,6-Dinitrotoluene	890	U
99-09-2	3-Nitroaniline	2200	U
83-32-9	Acenaphthene	890	U
51-28-5	2,4-Dinitrophenol	2200	U
100-02-7	4-Nitrophenol	2200	U
132-64-9	Dibenzofuran	890	U
121-14-2	2,4-Dinitrotoluene	890	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

BG-NC DL

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-1, 2X

Sample wt/vol: 30.058 (g/ml) G Lab File ID: A1429.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 25 decanted:(Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/27/01

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 7.54

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	890	U
7005-72-3	4-Chlorophenylphenylether	890	U
86-73-7	Fluorene	890	U
100-01-6	4-Nitroaniline	2200	U
534-52-1	2-Methyl-4,6-dinitrophenol	2200	U
86-30-6	n-Nitrosodiphenylamine	890	U
101-55-3	4-Bromophenylphenylether	890	U
118-74-1	Hexachlorobenzene	890	U
87-86-5	Pentachlorophenol	2200	U
85-01-8	Phenanthrene	1500	D
120-12-7	Anthracene	260	JD
86-74-8	Carbazole	320	JD
84-74-2	Di-n-butyl phthalate	140	JD
206-44-0	Fluoranthene	3000	D
129-00-0	Pyrene	3100	D
85-68-7	Butylbenzyl phthalate	890	U
91-94-1	3,3'-Dichlorobenzidine	890	U
56-55-3	Benzo(a)anthracene	1500	D
218-01-9	Chrysene	1800	D
117-81-7	bis-2-Ethylhexyl phthalate	990	D
117-84-0	Di-n-octyl phthalate	890	U
205-99-2	Benzo(b)fluoranthene	2100	D
207-08-9	Benzo(k)fluoranthene	1100	D
50-32-8	Benzo(a)pyrene	1300	D
193-39-5	Indeno(1,2,3-cd)pyrene	690	JD
53-70-3	Dibenzo(a,h)anthracene	690	U
191-24-2	Benzo(g,h,i)perylene	390	JD



**SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET**  
**TENTATIVELY IDENTIFIED COMPOUNDS**

NYSOEC SAMPLE NO. \_\_\_\_\_

2X

Lab Name: \_\_\_\_\_ Contract: \_\_\_\_\_  
 Lab Code: \_\_\_\_\_ Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_  
 Matrix: (soil/water) \_\_\_\_\_ Lab Sample ID: LG2601-1  
 Sample wt/vol: \_\_\_\_\_ (g/mL) \_\_\_\_\_ Lab File ID: A1429.d  
 Level: (low/med) \_\_\_\_\_ Date Received: \_\_\_\_\_  
 % Moisture: decanted: (Y/N) \_\_\_\_\_ Date Extracted: \_\_\_\_\_  
 Concentrated Extract Volume: \_\_\_\_\_ (μL) \_\_\_\_\_ Date Analyzed: \_\_\_\_\_  
 Injection Volume: \_\_\_\_\_ (μL) \_\_\_\_\_ Dilution Factor: 2  
 GPC Cleanup: (Y/N) \_\_\_\_\_ pH: \_\_\_\_\_

Number TICs found: 12

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	27.59	260	J
2.		27.84	390	
3.		28.01	320	
4.		28.58	340	
5.		31.55	440	
6.		31.85	190	
7.		33.16	200	
8.		33.49	200	
9.		33.61	240	
10.		33.84	210	
11.		37.31	740	
12.		38.22	820	
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FORM I-CLP-SV-TIC

15/3/10/01

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

**TP-SS3**

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-2

Sample wt/vol: 30.076 (g/ml) G Lab File ID: B1792.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 15.1 decanted:(Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/22/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.49

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethylether)	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitrosodi-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-30	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-52	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxymethane)	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	980	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethyl phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	980	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	980	U
100-02-7	4-Nitrophenol	980	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-SS3

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-2

Sample wt/vol: 30.076 (g/ml) G Lab File ID: B1792.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 15.1 decanted:(Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/22/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.49

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	390	U
7005-72-3	4-Chlorophenylphenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	980	U
534-52-1	2-Methyl-4-6-dinitrophenol	980	U
86-30-6	n-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenylphenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	980	U
85-01-8	Phenanthrene	77	J
120-12-7	Anthracene	390	U
86-74-8	Carbazole	390	U
84-74-2	Di-n-butyl phthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	260	J
85-68-7	Butylbenzyl phthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	70	J
218-01-9	Chrysene	87	J
117-81-7	bis-2-Ethylhexyl phthalate	61	J
117-84-0	Di-n-octyl phthalate	390	U
205-99-2	Benzo(b)fluoranthene	110	J
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	89	J
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenzo(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U

00647

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

NYSDOC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: LG2601-2

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: B1792.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (μL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (μL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

Number TICs found: 0

CONCENTRATION UNITS:

(μg/L or μg/Kg) ug/kg

1247181  
K. CC  
3/1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
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FORM 1-CLP-SV-TIC

vg, 2/25/01

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-SS3 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-2

Sample wt/vol: 30.076 (g/ml) G Lab File ID: B1811.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 15.1 decanted:(Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/27/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.49

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethylether)	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitrosodi-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-30	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-52	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxymethane)	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	980	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethyl phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	980	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	980	U
100-02-7	4-Nitrophenol	980	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U

Lab Name:	FRIEND LABORATORY, INC.		Contract:	
Lab Code:	10252	Case No.:	SAS No.:	SDG No.: PANAM
Matrix: (soil/water)	SOIL		Lab Sample ID: L62601-2	
Sample wt/vol:	30.076	(g/ml)	G	Lab File ID: B1811.D
Level: (low/med)	LOW		Date Received: 01/11/01	
% Moisture:	15.1	decanted:(Y/N)	N	Date Extracted: 02/05/01
Concentrated Extract Volume:	500	(uL)	Date Analyzed: 02/27/01	
Injection Volume:	2.0	(uL)	Dilution Factor: 1.0	
GPC Cleanup: (Y/N)	Y	pH:	7.49	

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
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84-66-2	Diethyl phthalate	390	U
7005-72-3	4-Chlorophenylphenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	980	U
534-52-1	2-Methyl-4-6-dinitrophenol	980	U
86-30-6	n-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenylphenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	980	U
85-01-8	Phenanthrene	65	J
120-12-7	Anthracene	390	U
86-74-8	Carbazole	390	U
84-74-2	Di-n-butyl phthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	190	J
85-68-7	Butylbenzyl phthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	67	J
218-01-9	Chrysene	82	J
117-81-7	bis-2-Ethylhexyl phthalate	65	J
117-84-0	Di-n-octyl phthalate	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	75	J
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenzo(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U

(- ८५४ - ८५४) — ८५४ —

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDOC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SUG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: LU2601-2

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A B1811.2

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

CONCENTRATION UNITS:

(µg/L or µg/Kg) cg/kg

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	26.87	280	J
2.				
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FORM 1-CLP-SV-TIC

1/15, 2/25/01

Lab Name:	FRIEND LABORATORY, INC.		Contract:	
Lab Code:	10252	Case No.:	SAS No.:	SDG No.: PANAM
Matrix: (soil/water)	SOIL		Lab Sample ID:	L62601-4, 10X
Sample wt/vol:	30.014	(g/ml)	G	Lab File ID: B1810.D
Level: (low/med)	LOW		Date Received:	01/11/01
% Moisture:	18.5	decanted:(Y/N)	N	Date Extracted: 02/05/01
Concentrated Extract Volume:	500	(uL)	Date Analyzed:	02/27/01
Injection Volume:	2.0	(uL)	Dilution Factor:	10.0
GPC Cleanup: (Y/N)	Y	pH:	7.6	

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
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108-95-2	Phenol	4100	U
111-44-4	bis(2-Chloroethylether)	4100	U
95-57-8	2-Chlorophenol	4100	U
541-73-1	1,3-Dichlorobenzene	4100	U
106-46-7	1,4-Dichlorobenzene	4100	U
95-50-1	1,2-Dichlorobenzene	4100	U
95-48-7	2-Methylphenol	4100	U
108-60-1	2,2'-oxybis(1-Chloropropane)	4100	U
106-44-5	4-Methylphenol	4100	U
621-64-7	N-Nitrosodi-n-propylamine	4100	U
67-72-1	Hexachloroethane	4100	U
98-95-30	Nitrobenzene	4100	U
78-59-1	Isophorone	4100	U
88-75-52	2-Nitrophenol	4100	U
105-67-9	2,4-Dimethylphenol	4100	U
111-91-1	bis(2-Chloroethoxymethane)	4100	U
120-83-2	2,4-Dichlorophenol	4100	U
120-82-1	1,2,4-Trichlorobenzene	4100	U
91-20-3	Naphthalene	4100	U
106-47-8	4-Chloroaniline	4100	U
87-68-3	Hexachlorobutadiene	4100	U
59-50-7	4-Chloro-3-methylphenol	4100	U
91-57-6	2-Methylnaphthalene	4100	U
77-47-4	Hexachlorocyclopentadiene	4100	U
88-06-2	2,4,6-Trichlorophenol	4100	U
95-95-4	2,4,5-Trichlorophenol	10000	U
91-58-7	2-Chloronaphthalene	4100	U
88-74-4	2-Nitroaniline	10000	U
131-11-3	Dimethyl phthalate	4100	U
208-96-8	Acenaphthylene	4100	U
606-20-2	2,6-Dinitrotoluene	4100	U
99-09-2	3-Nitroaniline	10000	U
83-32-9	Acenaphthene	1500	JD
51-28-5	2,4-Dinitrophenol	10000	U
100-02-7	4-Nitrophenol	10000	U
132-84-9	Dibenzofuran	1100	JD
121-14-2	2,4-Dinitrotoluene	4100	U

4/5/01

17-11-2017



1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-TP1,2 DL1

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-4, 10X

Sample wt/vol: 30.014 (g/ml) G Lab File ID: B1810.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 18.5 decanted: (Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/27/01

Injection Volume: 2.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.6

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	4100	U
7005-72-3	4-Chlorophenylphenylether	4100	U
86-73-7	Fluorene	2600	JD
100-01-6	4-Nitroaniline	10000	U
534-52-1	2-Methyl-4-6-dinitrophenol	10000	U
86-30-6	n-Nitrosodiphenylamine	4100	U
101-55-3	4-Bromophenylphenylether	4100	U
118-74-1	Hexachlorobenzene	4100	U
87-86-5	Pentachlorophenol	10000	U
85-01-8	Phenanthrene	<del>30000</del> 41000	<del>JD</del> U
120-12-7	Anthracene	6600	D
86-74-8	Carbazole	2300	JD
84-74-2	Di-n-butyl phthalate	4100	U
206-44-0	Fluoranthene	29000	D
129-00-0	Pyrene	21000	D
85-68-7	Butylbenzyl phthalate	4100	U
91-94-1	3,3'-Dichlorobenzidine	4100	U
56-55-3	Benzo(a)anthracene	11000	D
218-01-9	Chrysene	13000	D
117-81-7	bis-2-Ethylhexyl phthalate	4100	U
117-84-0	Di-n-octyl phthalate	4100	U
205-99-2	Benzo(b)fluoranthene	14000	D
207-08-9	Benzo(k)fluoranthene	4300	D
50-32-8	Benzo(a)pyrene	9100	D
193-39-5	Indeno(1,2,3-cd)pyrene	4900	D
53-70-3	Dibenzo(a,h)anthracene	1500	JD
191-24-2	Benzo(g,h,i)perylene	2700	JD

Handwritten notes and arrows pointing to specific rows in the table.

Handwritten notes: 4/8/01

00680

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

10X

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: LL62601-4

Sample wt/vol: \_\_\_\_\_ (g/ml)

Lab File ID: B1810.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: 10

GPC Cleanup: (Y/N) \_\_\_\_\_

CONCENTRATION UNITS:

(µg/L or µg/Kg) µg/kgNumber TICs found: 1012/47/81  
15/11  
3/1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	24.27	2000	J
2.	(PAH)	26.22	1900	
3.	( " )	26.30	2300	
4.		26.53	3100	
5.		27.22	1700	
6.		30.22	1600	
7.		30.43	1500	
8.		32.13	1000	
9.		32.25	860	
10.		36.82	7400	
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FORM-CLP-SV-TIC

(Results Combined w/ A1428 - This run  
is less dilute (B1810) - Report this  
LS.

10/1/81  
10/1/81

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-TP1,2 DL2

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-4, 20X

Sample wt/vol: 30.014 (g/ml) G Lab File ID: A1428.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 18.5 decanted:(Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/27/01

Injection Volume: 2.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) Y pH: 7.6

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	8200	U
111-44-4	bis(2-Chloroethylether)	8200	U
95-57-8	2-Chlorophenol	8200	U
541-73-1	1,3-Dichlorobenzene	8200	U
106-46-7	1,4-Dichlorobenzene	8200	U
95-50-1	1,2-Dichlorobenzene	8200	U
95-48-7	2-Methylphenol	8200	U
108-60-1	2,2'-oxybis(1-Chloropropane)	8200	U
106-44-5	4-Methylphenol	8200	U
621-64-7	N-Nitrosodi-n-propylamine	8200	U
67-72-1	Hexachloroethane	8200	U
98-95-30	Nitrobenzene	8200	U
78-59-1	Isophorone	8200	U
88-75-52	2-Nitrophenol	8200	U
105-67-9	2,4-Dimethylphenol	8200	U
111-91-1	bis(2-Chloroethoxymethane)	8200	U
120-83-2	2,4-Dichlorophenol	8200	U
120-82-1	1,2,4-Trichlorobenzene	8200	U
91-20-3	Naphthalene	8200	U
106-47-8	4-Chloroaniline	8200	U
87-68-3	Hexachlorobutadiene	8200	U
59-50-7	4-Chloro-3-methylphenol	8200	U
91-57-6	2-Methylnaphthalene	8200	U
77-47-4	Hexachlorocyclopentadiene	8200	U
88-06-2	2,4,6-Trichlorophenol	8200	U
95-95-4	2,4,5-Trichlorophenol	20000	U
91-58-7	2-Chloronaphthalene	8200	U
88-74-4	2-Nitroaniline	20000	U
131-11-3	Dimethyl phthalate	8200	U
208-96-8	Acenaphthylene	8200	U
606-20-2	2,6-Dinitrotoluene	8200	U
99-09-2	3-Nitroaniline	20000	U
83-32-9	Acenaphthene	1900	JD
51-28-5	2,4-Dinitrophenol	20000	U
100-02-7	4-Nitrophenol	20000	U
132-64-9	Dibenzofuran	1400	JD
121-14-2	2,4-Dinitrotoluene	8200	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. 25

TP-TP1,2 DL2

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-4, 20X

Sample wt/vol: 30.014 (g/ml) G Lab File ID: A1428.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 18.5 decanted: (Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/27/01

Injection Volume: 2.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) Y pH: 7.6

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	8200	U
7005-72-3	4-Chlorophenylphenylether	8200	U
86-73-7	Fluorene	3800	JD
100-01-6	4-Nitroaniline	20000	U
534-52-1	2-Methyl-4-6-dinitrophenol	20000	U
86-30-6	n-Nitrosodiphenylamine	8200	U
101-55-3	4-Bromophenylphenylether	8200	U
118-74-1	Hexachlorobenzene	8200	U
87-86-5	Pentachlorophenol	20000	U
85-01-8	Phenanthrene	30000	D
120-12-7	Anthracene	7400	JD
86-74-8	Carbazole	2700	JD
84-74-2	Di-n-butyl phthalate	8200	U
206-44-0	Fluoranthene	29000	D
129-00-0	Pyrene	22000	D
85-68-7	Butylbenzyl phthalate	8200	U
91-94-1	3,3'-Dichlorobenzidine	8200	U
56-55-3	Benzo(a)anthracene	12000	D
218-01-9	Chrysene	13000	D
117-81-7	bis-2-Ethylhexyl phthalate	8200	U
117-84-0	Di-n-octyl phthalate	8200	U
205-99-2	Benzo(b)fluoranthene	16000	D
207-08-9	Benzo(k)fluoranthene	5900	JD
50-32-8	Benzo(a)pyrene	9000	D
193-39-5	Indeno(1,2,3-cd)pyrene	4700	JD
53-70-3	Dibenzo(a,h)anthracene	8200	U
191-24-2	Benzo(g,h,i)perylene	2700	JD

00708

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDOE SAMPLE NO.

20X

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: LL2601-4

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1428.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (μL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (μL)

Dilution Factor: 20

GPC Cleanup: (Y/N) \_\_\_\_\_

\_\_\_\_\_

Number TICs found: 8

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	G
1.	Unknown	25.55	1900	J
2.		27.51	2300	
3.		27.59	2800	
4.		27.84	4100	
5.		28.50	1600	
6.		31.54	3100	
7.		31.75	2100	
8.	(P.H)	38.21	6200	
9.				
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FORM 1-CLP-SV-TIC

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-TP3

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-5

Sample wt/vol: 30.048 (g/ml) G Lab File ID: B1795.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 14.6 decanted: (Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/22/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: \_\_\_\_\_

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethylether)	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitrosodi-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-30	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-52	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxymethane)	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	180	J
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	250	J
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	970	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	970	U
131-11-3	Dimethyl phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	970	U
83-32-9	Acenaphthene	110	J
51-28-5	2,4-Dinitrophenol	970	U
100-02-7	4-Nitrophenol	970	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U

00734

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-TP3

Lab Name: FRIEND LABORATORY, INC.

Contract: \_\_\_\_\_

Lab Code: 10252

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: PANAM

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-5

Sample wt/vol: 30.048 (g/ml) G

Lab File ID: B1795.D

Level: (low/med) LOW

Date Received: 01/11/01

% Moisture: 14.6 decanted:(Y/N) N

Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 02/22/01

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: \_\_\_\_\_

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	390	U
7005-72-3	4-Chlorophenylphenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	970	U
534-52-1	2-Methyl-4-6-dinitrophenol	970	U
86-30-6	n-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenylphenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	970	U
85-01-8	Phenanthrene	400	
120-12-7	Anthracene	150	J
86-74-8	Carbazole	390	U
84-74-2	Di-n-butyl phthalate	390	U
206-44-0	Fluoranthene	470	
129-00-0	Pyrene	1500	
85-68-7	Butylbenzyl phthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	420	
218-01-9	Chrysene	490	
117-81-7	bis-2-Ethylhexyl phthalate	390	U
117-84-0	Di-n-octyl phthalate	390	U
205-99-2	Benzo(b)fluoranthene	760	
207-08-9	Benzo(k)fluoranthene	200	J
50-32-8	Benzo(a)pyrene	520	
193-39-5	Indeno(1,2,3-cd)pyrene	510	
53-70-3	Dibenzo(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	

NYSDOC SAMPLE NO.

### Contract

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Lab Sample ID: LL2601-5

Lao File ID: B1795.d

Date Received: \_\_\_\_\_

Date Submitted: \_\_\_\_\_

**Дата Аналізу:** \_\_\_\_\_

Dilution Factor \_\_\_\_\_

26

CONCENTRATION UNITS:

(உயர் or உயர்/க) Uq / Ke

1247049  
HCC  
2/27

✓ 15, 2/27/10!



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-TP3 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-5

Sample wt/vol: 30.073 (g/ml) G Lab File ID: A1228.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 14.6 decanted:(Y/N) N Date Extracted: 01/15/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 01/30/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: \_\_\_\_\_

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	310	J
111-44-4	bis(2-Chloroethylether)	390	U
95-57-8	2-Chlorophenol	300	J
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	190	J
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitrosodi-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-30	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-52	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxymethane)	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	210	J
91-20-3	Naphthalene	150	J
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	220	J
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	970	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	970	U
131-11-3	Dimethyl phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	970	U
83-32-9	Acenaphthene	340	J
51-28-5	2,4-Dinitrophenol	970	U
100-02-7	4-Nitrophenol	970	U
132-64-9	Dibenzofuran	72	J
121-14-2	2,4-Dinitrotoluene	390	U

00778

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-TP3 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-5

Sample wt/vol: 30.073 (g/ml) G Lab File ID: A1228.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 14.6 decanted:(Y/N) N Date Extracted: 01/15/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 01/30/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: \_\_\_\_\_

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	390	U
7005-72-3	4-Chlorophenylphenylether	390	U
86-73-7	Fluorene	120	J
100-01-6	4-Nitroaniline	970	U
534-52-1	2-Methyl-4-6-dinitrophenol	970	U
86-30-6	n-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenylphenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	970	U
85-01-8	Phenanthrene	570	
120-12-7	Anthracene	160	J
86-74-8	Carbazole	51	J
84-74-2	Di-n-butyl phthalate	99	J
206-44-0	Fluoranthene	550	
129-00-0	Pyrene	2400	
85-68-7	Butylbenzyl phthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	500	
218-01-9	Chrysene	550	
117-81-7	bis-2-Ethylhexyl phthalate	110	J
117-84-0	Di-n-octyl phthalate	390	U
205-99-2	Benzo(b)fluoranthene	670	
207-08-9	Benzo(k)fluoranthene	210	J
50-32-8	Benzo(a)pyrene	480	
193-39-5	Indeno(1,2,3-cd)pyrene	470	
53-70-3	Dibenzo(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	520	

LBR-426-4204

4/3/01

00779

## TENTATIVELY IDENTIFIED COMPOUNDS

NYSDOC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SUG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: U62601-5

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1228.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

CONCENTRATION UNITS:

Number TICs found: 30(µg/L or µg/Kg) µg/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	12.13	520	J
2.		12.40	430	
3.		12.76	510	
4.		12.92	480	
5.		13.06	860	
6.		13.49	470	
7.		13.92	1000	
8.		14.15	570	
9.		14.26	560	
10.		14.36	410	
11.		14.63	540	
12.		14.74	550	
13.		15.65	470	
14.		15.97	830	
15.		16.54	480	
16.		17.14	1400	
17.		17.25	680	
18.		17.54	620	
19.		17.97	470	
20.		18.27	610	
21.		18.51	1500	
22.		18.82	520	
23.		19.04	1800	
24.		19.61	450	
25.		19.70	750	
26.		20.34	680	
27.		20.50	2500	
28.		23.46	1200	
29.		24.36	1400	
30.		25.78	460	

FORM-ICLP-SV-TIC

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS4

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-8

Sample wt/vol: 30.061 (g/ml) G Lab File ID: B1794.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 20.5 decanted: (Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/22/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.79

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethylether)	420	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
106-46-7	1,4-Dichlorobenzene	420	U
95-50-1	1,2-Dichlorobenzene	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	2,2'-oxybis(1-Chloropropane)	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitrosodi-n-propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-30	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-52	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
111-91-1	bis(2-Chloroethoxymethane)	420	U
120-83-2	2,4-Dichlorophenol	420	U
120-82-1	1,2,4-Trichlorobenzene	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethyl phthalate	420	U
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	420	U
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	420	U
121-14-2	2,4-Dinitrotoluene	420	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS4

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-8

Sample wt/vol: 30.061 (g/ml) G Lab File ID: B1794.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 20.5 decanted: (Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/22/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.79

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	420	U
7005-72-3	4-Chlorophenylphenylether	420	U
86-73-7	Fluorene	420	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	2-Methyl-4-6-dinitrophenol	1000	U
86-30-6	n-Nitrosodiphenylamine	420	U
101-55-3	4-Bromophenylphenylether	420	U
118-74-1	Hexachlorobenzene	420	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	420	U
120-12-7	Anthracene	420	U
86-74-8	Carbazole	420	U
84-74-2	Di-n-butyl phthalate	420	U
206-44-0	Fluoranthene	420	U
129-00-0	Pyrene	130	J
85-68-7	Butylbenzyl phthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	420	U
56-55-3	Benzo(a)anthracene	49	J
218-01-9	Chrysene	58	J
117-81-7	bis-2-Ethylhexyl phthalate	420	U
117-84-0	Di-n-octyl phthalate	420	U
205-99-2	Benzo(b)fluoranthene	420	U
207-08-9	Benzo(k)fluoranthene	420	U
50-32-8	Benzo(a)pyrene	69	J
193-39-5	Indeno(1,2,3-cd)pyrene	420	U
53-70-3	Dibenzo(a,h)anthracene	420	U
191-24-2	Benzo(g,h,i)perylene	420	U

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-8

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: B1794.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (μL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (μL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/kgNumber TICs found: 5

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	19.88	200	J
2.		23.27	170	
3.		26.95	140	
4.		35.08	200	
5.		35.51	840	
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FORM-CLP-SV-TIC

13, 2/27/01

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS4 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Matrix: (soil/water) SOIL Lab Sample ID: L62601-8  
 Sample wt/vol: 30.015 (g/ml) G Lab File ID: A1241.D  
 Level: (low/med) LOW Date Received: 01/11/01  
 % Moisture: 20.5 decanted: (Y/N) N Date Extracted: 01/15/01  
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 01/31/01  
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0  
 GPC Cleanup: (Y/N) Y pH: 7.79

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

CAS NO. COMPOUND Q

108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethylether)	420	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
106-46-7	1,4-Dichlorobenzene	420	U
95-50-1	1,2-Dichlorobenzene	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	2,2'-oxybis(1-Chloropropane)	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitrosodi-n-propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-30	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-52	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
111-91-1	bis(2-Chloroethoxymethane)	420	U
120-83-2	2,4-Dichlorophenol	420	U
120-82-1	1,2,4-Trichlorobenzene	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethyl phthalate	420	U
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	420	U
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	420	U
121-14-2	2,4-Dinitrotoluene	420	U

00850

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS4 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Matrix: (soil/water) SOIL Lab Sample ID: L62601-8  
 Sample wt/vol: 30.015 (g/ml) G Lab File ID: A1241.D  
 Level: (low/med) LOW Date Received: 01/11/01  
 % Moisture: 20.5 decanted: (Y/N) N Date Extracted: 01/15/01  
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 01/31/01  
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0  
 GPC Cleanup: (Y/N) Y pH: 7.79

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	420	U
7005-72-3	4-Chlorophenylphenylether	420	U
86-73-7	Fluorene	420	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	2-Methyl-4-6-dinitrophenol	1000	U
86-30-6	n-Nitrosodiphenylamine	420	U
101-55-3	4-Bromophenylphenylether	420	U
118-74-1	Hexachlorobenzene	420	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	91	J
120-12-7	Anthracene	420	U
86-74-8	Carbazole	420	U
84-74-2	Di-n-butyl phthalate	420	U
206-44-0	Fluoranthene	140	J
129-00-0	Pyrene	420	U
85-68-7	Butylbenzyl phthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	420	U
56-55-3	Benzo(a)anthracene	98	J
218-01-9	Chrysene	110	J
117-81-7	bis-2-Ethylhexyl phthalate	420	U
117-84-0	Di-n-octyl phthalate	420	U
205-99-2	Benzo(b)fluoranthene	130	J
207-08-9	Benzo(k)fluoranthene	420	U
50-32-8	Benzo(a)pyrene	110	J
193-39-5	Indeno(1,2,3-cd)pyrene	420	U
53-70-3	Dibenzo(a,h)anthracene	420	U
191-24-2	Benzo(g,h,i)perylene	110	J



**SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET**  
**TENTATIVELY IDENTIFIED COMPOUNDS**

NYSDOC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: LG2601-8

Sample wt/vol: \_\_\_\_\_ (g/ml)

Lab File ID: A1241.2

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µl)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

\_\_\_\_\_

Number TICs found: 4

CONCENTRATION UNITS:

(µg/L or µg/Kg) ug/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	20.59	360	JB
2.	↓	24.00	200	↓
3.	↓	24.92	110	J
4.	↓	35.94	190	↓
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FORM-CLP-SV-TIC

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP5

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-10

Sample wt/vol: 30.095 (g/ml) G Lab File ID: A1418.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 15.5 decanted:(Y/N) N Date Extracted: 02/12/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/22/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.43

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

CAS NO.	COMPOUND	Q
108-95-2	Phenol	U
111-44-4	bis(2-Chloroethylether)	U
95-57-8	2-Chlorophenol	U
541-73-1	1,3-Dichlorobenzene	U
106-46-7	1,4-Dichlorobenzene	U
95-50-1	1,2-Dichlorobenzene	U
95-48-7	2-Methylphenol	U
108-60-1	2,2'-oxybis(1-Chloropropane)	U
106-44-5	4-Methylphenol	U
621-64-7	N-Nitrosodi-n-propylamine	U
67-72-1	Hexachloroethane	U
98-95-30	Nitrobenzene	U
78-59-1	Isophorone	U
88-75-52	2-Nitrophenol	U
105-67-9	2,4-Dimethylphenol	U
111-91-1	bis(2-Chloroethoxymethane)	U
120-83-2	2,4-Dichlorophenol	U
120-82-1	1,2,4-Trichlorobenzene	U
91-20-3	Naphthalene	J
106-47-8	4-Chloroaniline	U
87-68-3	Hexachlorobutadiene	U
59-50-7	4-Chloro-3-methylphenol	U
91-57-6	2-Methylnaphthalene	J
77-47-4	Hexachlorocyclopentadiene	U
88-06-2	2,4,6-Trichlorophenol	U
95-95-4	2,4,5-Trichlorophenol	U
91-58-7	2-Chloronaphthalene	U
88-74-4	2-Nitroaniline	U
131-11-3	Dimethyl phthalate	U
208-96-8	Acenaphthylene	U
606-20-2	2,6-Dinitrotoluene	U
99-09-2	3-Nitroaniline	U
83-32-9	Acenaphthene	J
51-28-5	2,4-Dinitrophenol	U
100-02-7	4-Nitrophenol	U
132-64-9	Dibenzofuran	J
121-14-2	2,4-Dinitrotoluene	U

00870

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP5

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-10

Sample wt/vol: 30.095 (g/ml) G Lab File ID: A1418.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 15.5 decanted: (Y/N) N Date Extracted: 02/12/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/22/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.43

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	390	U
7005-72-3	4-Chlorophenylphenylether	390	U
86-73-7	Fluorene	73	J
100-01-6	4-Nitroaniline	980	U
534-52-1	2-Methyl-4,6-dinitrophenol	980	U
86-30-6	n-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenylphenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	980	U
85-01-8	Phenanthrene	580	
120-12-7	Anthracene	190	J
86-74-8	Carbazole	390	U
84-74-2	Di-n-butyl phthalate	390	U
206-44-0	Fluoranthene	510	
129-00-0	Pyrene	1500	
85-68-7	Butylbenzyl phthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	360	J
218-01-9	Chrysene	370	J
117-81-7	bis-2-Ethylhexyl phthalate	390	U
117-84-0	Di-n-octyl phthalate	390	U
205-99-2	Benzo(b)fluoranthene	400	
207-08-9	Benzo(k)fluoranthene	160	J
50-32-8	Benzo(a)pyrene	340	J
193-39-5	Indeno(1,2,3-cd)pyrene	240	J
53-70-3	Dibenzo(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	270	J

00871

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

NYSOEC SAMPLE NO. \_\_\_\_\_

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-10

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1418d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (μL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (μL)

Dilution Factor: 1

GPC Cleanup: (Y/N) \_\_\_\_\_

PH: \_\_\_\_\_

Number TICs found: 3

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/Kg

*R4/7261*  
*B-11*  
*3/2*

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	17.71	120	J
2.		20.84	220	JB
3.		24.26	210	J
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FORM 1-CLP-SV-TIC

*JB, 3/11/01*

*- E4C, 2/22/01*

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP5 DL

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-10, 2X

Sample wt/vol: 30.063 (g/ml) G Lab File ID: B1751.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 15.5 decanted:(Y/N) N Date Extracted: 01/18/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/19/01

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 7.43

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	790	U
111-44-4	bis(2-Chloroethylether)	790	U
95-57-8	2-Chlorophenol	790	U
541-73-1	1,3-Dichlorobenzene	790	U
106-46-7	1,4-Dichlorobenzene	790	U
95-50-1	1,2-Dichlorobenzene	790	U
95-48-7	2-Methylphenol	790	U
108-60-1	2,2'-oxybis(1-Chloropropane)	790	U
106-44-5	4-Methylphenol	790	U
621-64-7	N-Nitrosodi-n-propylamine	790	U
67-72-1	Hexachloroethane	790	U
98-95-30	Nitrobenzene	790	U
78-59-1	Isophorone	790	U
88-75-52	2-Nitrophenol	790	U
105-67-9	2,4-Dimethylphenol	790	U
111-91-1	bis(2-Chloroethoxymethane)	790	U
120-83-2	2,4-Dichlorophenol	790	U
120-82-1	1,2,4-Trichlorobenzene	790	U
91-20-3	Naphthalene	270	JD
106-47-8	4-Chloroaniline	790	U
87-68-3	Hexachlorobutadiene	790	U
59-50-7	4-Chloro-3-methylphenol	790	U
91-57-6	2-Methylnaphthalene	170	JD
77-47-4	Hexachlorocyclopentadiene	790	U
88-06-2	2,4,6-Trichlorophenol	790	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	790	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethyl phthalate	790	U
208-96-8	Acenaphthylene	790	U
606-20-2	2,6-Dinitrotoluene	790	U
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	380	JD
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	440	JD
121-14-2	2,4-Dinitrotoluene	790	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP5 DL

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-10, 2X

Sample wt/vol: 30.063 (g/ml) G Lab File ID: B1751.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 15.5 decanted: (Y/N) N Date Extracted: 01/18/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/19/01

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 7.43

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	790	U
7005-72-3	4-Chlorophenylphenylether	790	U
86-73-7	Fluorene	440	JD
100-01-6	4-Nitroaniline	2000	U
534-52-1	2-Methyl-4-6-dinitrophenol	2000	U
86-30-6	n-Nitrosodiphenylamine	790	U
101-55-3	4-Bromophenylphenylether	790	U
118-74-1	Hexachlorobenzene	790	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	2300	D
120-12-7	Anthracene	970	D
86-74-8	Carbazole	790	U
84-74-2	Di-n-butyl phthalate	790	U
206-44-0	Fluoranthene	2700	D
129-00-0	Pyrene	3600	D
85-68-7	Butylbenzyl phthalate	790	U
91-94-1	3,3'-Dichlorobenzidine	790	U
56-55-3	Benzo(a)anthracene	1100	D
218-01-9	Chrysene	1100	D
117-81-7	bis-2-Ethylhexyl phthalate	80	JD
117-84-0	Di-n-octyl phthalate	790	U
205-99-2	Benzo(b)fluoranthene	1400	D
207-08-9	Benzo(k)fluoranthene	720	JD
50-32-8	Benzo(a)pyrene	1100	D
193-39-5	Indeno(1,2,3-cd)pyrene	790	U
53-70-3	Dibenzo(a,h)anthracene	790	U
191-24-2	Benzo(g,h,i)perylene	790	U

PANAM

10/3/01

00894

HYSD/EC SAMPLE NO.

Contract

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SCG No.: \_\_\_\_\_

Lab Sample ID: L62601-10

Lab File ID: B1751.d

Date Received:

Date Submitted: \_\_\_\_\_

Date Assigned: \_\_\_\_\_

Dilution Factor: 2

26

CONCENTRATION UNITS:

(unit of  $\mu\text{g}/\text{kg}$ )  $\mu\text{g}/\text{kg}$

247701

2:00

3/13

№	Имя	Подпись	Дата
1	Иванов	✓	
2	Петров	✓	
3	Сидоров	✓	
4	Климов	✓	
5	Васильев	✓	
6	Попов	✓	
7	Морозов	✓	
8	Смирнов	✓	
9	Зайцев	✓	
10	Кузнецов	✓	
11	Лебедев	✓	
12	Новиков	✓	
13	Харьков	✓	
14	Михайлов	✓	
15	Федотов	✓	
16	Павлов	✓	
17	Соколов	✓	
18	Борисов	✓	
19	Воробьев	✓	
20	Александров	✓	
21	Савельев	✓	
22	Куликов	✓	
23	Павлов	✓	
24	Смирнов	✓	
25	Иванов	✓	
26	Петров	✓	
27	Сидоров	✓	
28	Климов	✓	
29	Васильев	✓	
30	Попов	✓	
31	Морозов	✓	
32	Смирнов	✓	
33	Зайцев	✓	
34	Кузнецов	✓	
35	Лебедев	✓	
36	Новиков	✓	
37	Харьков	✓	
38	Михайлов	✓	
39	Федотов	✓	
40	Павлов	✓	
41	Соколов	✓	
42	Борисов	✓	
43	Воробьев	✓	
44	Александров	✓	
45	Савельев	✓	
46	Куликов	✓	
47	Павлов	✓	
48	Смирнов	✓	
49	Иванов	✓	
50	Петров	✓	
51	Сидоров	✓	
52	Климов	✓	
53	Васильев	✓	
54	Попов	✓	
55	Морозов	✓	
56	Смирнов	✓	
57	Зайцев	✓	
58	Кузнецов	✓	
59	Лебедев	✓	
60	Новиков	✓	
61	Харьков	✓	
62	Михайлов	✓	
63	Федотов	✓	
64	Павлов	✓	
65	Соколов	✓	
66	Борисов	✓	
67	Воробьев	✓	
68	Александров	✓	
69	Савельев	✓	
70	Куликов	✓	
71	Павлов	✓	
72	Смирнов	✓	
73	Иванов	✓	
74	Петров	✓	
75	Сидоров	✓	
76	Климов	✓	
77	Васильев	✓	
78	Попов	✓	
79	Морозов	✓	
80	Смирнов	✓	
81	Зайцев	✓	
82	Кузнецов	✓	
83	Лебедев	✓	
84	Новиков	✓	
85	Харьков	✓	
86	Михайлов	✓	
87	Федотов	✓	
88	Павлов	✓	
89	Соколов	✓	
90	Борисов	✓	
91	Воробьев	✓	
92	Александров	✓	
93	Савельев	✓	
94	Куликов	✓	
95	Павлов	✓	
96	Смирнов	✓	
97	Иванов	✓	
98	Петров	✓	
99	Сидоров	✓	
100	Климов	✓	

✓ 1/13, 3/13/01

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS5

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-11

Sample wt/vol: 30.039 (g/ml) G Lab File ID: A1427.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 20.1 decanted: (Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/27/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethylether)	420	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
106-46-7	1,4-Dichlorobenzene	420	U
95-50-1	1,2-Dichlorobenzene	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	2,2'-oxybis(1-Chloropropane)	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitrosodi-n-propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-30	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-52	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
111-91-1	bis(2-Chloroethoxymethane)	420	U
120-83-2	2,4-Dichlorophenol	420	U
120-82-1	1,2,4-Trichlorobenzene	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethyl phthalate	420	U
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	420	U
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	420	U
121-14-2	2,4-Dinitrotoluene	420	U



1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS5

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-11

Sample wt/vol: 30.039 (g/ml) G Lab File ID: A1427.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 20.1 decanted: (Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/27/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	420	U
7005-72-3	4-Chlorophenylphenylether	420	U
86-73-7	Fluorene	420	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	2-Methyl-4-6-dinitrophenol	1000	U
86-30-6	n-Nitrosodiphenylamine	420	U
101-55-3	4-Bromophenylphenylether	420	U
118-74-1	Hexachlorobenzene	420	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	420	U
120-12-7	Anthracene	420	U
86-74-8	Carbazole	420	U
84-74-2	Di-n-butyl phthalate	420	U
206-44-0	Fluoranthene	420	U
129-00-0	Pyrene	420	U
85-68-7	Butylbenzyl phthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	420	U
56-55-3	Benzo(a)anthracene	420	U
218-01-9	Chrysene	420	U
117-81-7	bis-2-Ethylhexyl phthalate	420	U
117-84-0	Di-n-octyl phthalate	420	U
205-99-2	Benzo(b)fluoranthene	420	U
207-08-9	Benzo(k)fluoranthene	420	U
50-32-8	Benzo(a)pyrene	420	U
193-39-5	Indeno(1,2,3-cd)pyrene	420	U
53-70-3	Dibenzo(a,h)anthracene	420	U
191-24-2	Benzo(g,h,i)perylene	420	U

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: LL2601-11

Sample wt/vol: \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: A1427.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (μL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (μL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

Number TICs found: 13

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/Kg

1247216

B-CC

3/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	20.88	220	135
2.		24.30	190	135
3.		27.99	100	
4.		34.15	370	
5.		36.17	450	
6.		36.96	580	
7.		37.50	1400	
8.		38.00	230	
9.		38.07	320	
10.		39.52	140	
11.		40.10	240	
12.		42.87	130	
13.		43.01	140	
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FORM I-CLP-SV-TIC

3/1/01

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS5 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-11

Sample wt/vol: 30.023 (g/ml) G Lab File ID: A1236.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 20.1 decanted:(Y/N) N Date Extracted: 01/15/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 01/31/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethylether)	420	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
106-46-7	1,4-Dichlorobenzene	420	U
95-50-1	1,2-Dichlorobenzene	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	2,2'-oxybis(1-Chloropropane)	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitrosodi-n-propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-30	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-52	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
111-91-1	bis(2-Chloroethoxymethane)	420	U
120-83-2	2,4-Dichlorophenol	420	U
120-82-1	1,2,4-Trichlorobenzene	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethyl phthalate	420	U
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	420	U
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	420	U
121-14-2	2,4-Dinitrotoluene	420	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS5 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-11

Sample wt/vol: 30.023 (g/ml) G Lab File ID: A1236.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 20.1 decanted: (Y/N) N Date Extracted: 01/15/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 01/31/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	420	U
7005-72-3	4-Chlorophenylphenylether	420	U
86-73-7	Fluorene	420	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	2-Methyl-4-6-dinitrophenol	1000	U
86-30-6	n-Nitrosodiphenylamine	420	U
101-55-3	4-Bromophenylphenylether	420	U
118-74-1	Hexachlorobenzene	420	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	420	U
120-12-7	Anthracene	420	U
86-74-8	Carbazole	420	U
84-74-2	Di-n-butyl phthalate	420	U
208-44-0	Fluoranthene	420	U
129-00-0	Pyrene	420	U
85-68-7	Butylbenzyl phthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	420	U
56-55-3	Benzo(a)anthracene	420	U
218-01-9	Chrysene	420	U
117-81-7	bis-2-Ethylhexyl phthalate	420	U
117-84-0	Di-n-octyl phthalate	420	U
205-99-2	Benzo(b)fluoranthene	420	U
207-08-9	Benzo(k)fluoranthene	420	U
50-32-8	Benzo(a)pyrene	420	U
193-39-5	Indeno(1,2,3-cd)pyrene	420	U
53-70-3	Dibenzo(a,h)anthracene	420	U
191-24-2	Benzo(g,h,i)perylene	420	U

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: 462601-11

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1236.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

SIS: \_\_\_\_\_

Number TICs found: 9

CONCENTRATION UNITS:

(µg/L or µg/Kg) µg/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	20.58	410	JB
2.		23.98	190	↓
3.		24.91	120	J
4.		30.34	120	
5.		35.90	140	
6.		36.98	250	
7.		37.21	290	
8.		37.75	230	
9.		39.82	190	↓
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FORM-1-CLP-SV-TIC

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

**TP5 DUP**

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-12

Sample wt/vol: 30.067 (g/ml) G Lab File ID: B1800.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 15.5 decanted:(Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/22/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.74

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethylether)	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitrosodi-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-30	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-52	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxymethane)	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	51	J
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	50	J
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	980	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethyl phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	980	U
83-32-9	Acenaphthene	81	J
51-28-5	2,4-Dinitrophenol	980	U
100-02-7	4-Nitrophenol	980	U
132-84-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP5 DUP

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-12

Sample wt/vol: 30.067 (g/ml) G Lab File ID: B1800.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 15.5 decanted:(Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/22/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.74

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	390	U
7005-72-3	4-Chlorophenylphenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	980	U
534-52-1	2-Methyl-4-6-dinitrophenol	980	U
86-30-6	n-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenylphenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	980	U
85-01-8	Phenanthrene	690	
120-12-7	Anthracene	270	J
86-74-8	Carbazole	390	U
84-74-2	Di-n-butyl phthalate	390	U
206-44-0	Fluoranthene	440	
129-00-0	Pyrene	1300	
85-68-7	Butylbenzyl phthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	490	
218-01-9	Chrysene	480	
117-81-7	bis-2-Ethylhexyl phthalate	390	U
117-84-0	Di-n-octyl phthalate	390	U
205-99-2	Benzo(b)fluoranthene	490	
207-08-9	Benzo(k)fluoranthene	270	J
50-32-8	Benzo(a)pyrene	430	
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenzo(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U

**SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET**  
**TENTATIVELY IDENTIFIED COMPOUNDS**

HYSOEC SAMPLE NO. \_\_\_\_\_

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-12

Sample wt/vol: \_\_\_\_\_ (g/ml)

Lab File ID: B1800.2

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µl)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

\_\_\_\_\_

Number TICs found: 7

CONCENTRATION UNITS:

(µg/L or µg/Kg) µg/Kg

*R47049*  
*A.11*  
*2/27*

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	12.72	90	J
2.		14.86	120	
3.		16.80	220	
4.		18.60	140	
5.	CPAH	18.85	120	
6.		19.92	160	
7.		23.31	210	
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*11/11/11*

FORM 1-CLP-SV-TIC

*2/27/01*



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP5 DUP RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-12

Sample wt/vol: 30.045 (g/ml) G Lab File ID: A1333.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 15.5 decanted: (Y/N) N Date Extracted: 01/15/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/12/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.74

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
108-95-2	Phenol	U
111-44-4	bis(2-Chloroethylether)	U
95-57-8	2-Chlorophenol	U
541-73-1	1,3-Dichlorobenzene	U
106-46-7	1,4-Dichlorobenzene	U
95-50-1	1,2-Dichlorobenzene	U
95-48-7	2-Methylphenol	U
108-60-1	2,2'-oxybis(1-Chloropropane)	U
106-44-5	4-Methylphenol	U
621-64-7	N-Nitrosodi-n-propylamine	U
67-72-1	Hexachloroethane	U
98-95-30	Nitrobenzene	U
78-59-1	Isophorone	U
88-75-52	2-Nitrophenol	U
105-67-9	2,4-Dimethylphenol	U
111-91-1	bis(2-Chloroethoxymethane)	U
120-83-2	2,4-Dichlorophenol	U
120-82-1	1,2,4-Trichlorobenzene	U
91-20-3	Naphthalene	J
106-47-8	4-Chloroaniline	U
87-68-3	Hexachlorobutadiene	U
59-50-7	4-Chloro-3-methylphenol	U
91-57-6	2-Methylnaphthalene	J
77-47-4	Hexachlorocyclopentadiene	U
88-06-2	2,4,6-Trichlorophenol	U
95-95-4	2,4,5-Trichlorophenol	U
91-58-7	2-Chloronaphthalene	U
88-74-4	2-Nitroaniline	U
131-11-3	Dimethyl phthalate	U
208-96-8	Acenaphthylene	U
606-20-2	2,6-Dinitrotoluene	U
99-09-2	3-Nitroaniline	U
83-32-9	Acenaphthene	J
51-28-5	2,4-Dinitrophenol	U
100-02-7	4-Nitrophenol	U
132-84-9	Dibenzofuran	J
121-14-2	2,4-Dinitrotoluene	U

## NYSDEC SAMPLE NO.

Lab Name:	FRIEND LABORATORY, INC.		Contract:	
Lab Code:	10252	Case No.:	SAS No.:	SDG No.: PANAM
Matrix: (soil/water)	SOIL		Lab Sample ID:	L62601-12
Sample wt/vol:	30.045	(g/ml)	Lab File ID:	A1333.D
Level: (low/med)	LOW		Date Received:	01/11/01
% Moisture:	15.5	decanted:(Y/N)	Date Extracted:	01/15/01
Concentrated Extract Volume:	500	(uL)	Date Analyzed:	02/12/01
Injection Volume:	2.0	(uL)	Dilution Factor:	1.0
GPC Cleanup: (Y/N)	Y	pH:	7.74	

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
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84-66-2	Diethyl phthalate	390	U
7005-72-3	4-Chlorophenylphenylether	390	U
86-73-7	Fluorene	98	J
100-01-6	4-Nitroaniline	980	U
534-52-1	2-Methyl-4-6-dinitrophenol	980	U
86-30-6	n-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenylphenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	980	U
85-01-8	Phenanthrene	580	
120-12-7	Anthracene	230	J
86-74-8	Carbazole	390	U
84-74-2	Di-n-butyl phthalate	170	J
206-44-0	Fluoranthene	330	J
129-00-0	Pyrene	1600	
85-68-7	Butylbenzyl phthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	460	
218-01-9	Chrysene	450	
117-81-7	bis-2-Ethylhexyl phthalate	120	J
117-84-0	Di-n-octyl phthalate	390	U
205-99-2	Benzo(b)fluoranthene	590	
207-08-9	Benzo(k)fluoranthene	250	J
50-32-8	Benzo(a)pyrene	520	
193-39-5	Indeno(1,2,3-cd)pyrene	480	
53-70-3	Dibenzo(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	550	

$$11 \rightarrow 12 \rightarrow 13 \rightarrow 14 \rightarrow 15 \rightarrow 16 \rightarrow 17 \rightarrow 18 \rightarrow 19 \rightarrow 20 \rightarrow 21 \rightarrow 22 \rightarrow 23 \rightarrow 24 \rightarrow 25 \rightarrow 26 \rightarrow 27 \rightarrow 28 \rightarrow 29 \rightarrow 30 \rightarrow 31 \rightarrow 32 \rightarrow 33 \rightarrow 34 \rightarrow 35 \rightarrow 36 \rightarrow 37 \rightarrow 38 \rightarrow 39 \rightarrow 40 \rightarrow 41 \rightarrow 42 \rightarrow 43 \rightarrow 44 \rightarrow 45 \rightarrow 46 \rightarrow 47 \rightarrow 48 \rightarrow 49 \rightarrow 50 \rightarrow 51 \rightarrow 52 \rightarrow 53 \rightarrow 54 \rightarrow 55 \rightarrow 56 \rightarrow 57 \rightarrow 58 \rightarrow 59 \rightarrow 60 \rightarrow 61 \rightarrow 62 \rightarrow 63 \rightarrow 64 \rightarrow 65 \rightarrow 66 \rightarrow 67 \rightarrow 68 \rightarrow 69 \rightarrow 70 \rightarrow 71 \rightarrow 72 \rightarrow 73 \rightarrow 74 \rightarrow 75 \rightarrow 76 \rightarrow 77 \rightarrow 78 \rightarrow 79 \rightarrow 80 \rightarrow 81 \rightarrow 82 \rightarrow 83 \rightarrow 84 \rightarrow 85 \rightarrow 86 \rightarrow 87 \rightarrow 88 \rightarrow 89 \rightarrow 90 \rightarrow 91 \rightarrow 92 \rightarrow 93 \rightarrow 94 \rightarrow 95 \rightarrow 96 \rightarrow 97 \rightarrow 98 \rightarrow 99 \rightarrow 100$$

WT  
4/3/01

## TENTATIVELY IDENTIFIED COMPOUNDS

HYSDQC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: LG2601-12

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1333.2

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

Number TICs found: 20

CONCENTRATION UNITS:

(µg/L or ng/Kg) µg/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	13.02	92	J
2.		15.15	92	
3.		16.55	190	
4.	(PAH)	17.40	130	
5.		18.46	280	
6.		18.64	85	
7.		18.90	270	
8.		19.06	100	
9.	(PAH)	19.34	90	
10.	(")	19.43	150	
11.		19.93	280	
12.		20.09	100	
13.		20.20	410	
14.		20.60	230	
15.		21.62 <del>21.44</del> #	110	
16.		22.20	180	
17.		23.60	460	
18.		23.75	1500	
19.		25.23	520	
20.		26.50	360	
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FORM ICLP-SV-TIC

TP-TP46

W.H.

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
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108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethylether)	420	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
106-46-7	1,4-Dichlorobenzene	420	U
95-50-1	1,2-Dichlorobenzene	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	2,2'-oxybis(1-Chloropropane)	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitrosodi-n-propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-30	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-52	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
111-91-1	bis(2-Chloroethoxymethane)	420	U
120-83-2	2,4-Dichlorophenol	420	U
120-82-1	1,2,4-Trichlorobenzene	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethyl phthalate	420	U
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	52	J
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	420	U
121-14-2	2,4-Dinitrotoluene	420	U

$\leftarrow C P R H \leftarrow C P F \leftarrow C P C P \leftarrow C P C P \leftarrow C P$

345  
4/15/01

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-TP4,6

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-14

Sample wt/vol: 30.025 (g/ml) G Lab File ID: A1466.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 20.7 decanted:(Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 03/01/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.51

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	420	U
7005-72-3	4-Chlorophenylphenylether	420	U
86-73-7	Fluorene	420	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1000	U
86-30-6	n-Nitrosodiphenylamine	420	U
101-55-3	4-Bromophenylphenylether	420	U
118-74-1	Hexachlorobenzene	420	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	370	J
120-12-7	Anthracene	180	J
86-74-8	Carbazole	420	U
84-74-2	Di-n-butyl phthalate	420	U
206-44-0	Fluoranthene	180	J
129-00-0	Pyrene	1100	
85-68-7	Butylbenzyl phthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	420	U
56-55-3	Benzo(a)anthracene	400	J
218-01-9	Chrysene	560	
117-81-7	bis-2-Ethylhexyl phthalate	420	U
117-84-0	Di-n-octyl phthalate	420	U
205-99-2	Benzo(b)fluoranthene	380	J
207-08-9	Benzo(k)fluoranthene	230	J
50-32-8	Benzo(a)pyrene	440	
193-39-5	Indeno(1,2,3-cd)pyrene	420	U
53-70-3	Dibenzo(a,h)anthracene	420	U
191-24-2	Benzo(g,h,i)perylene	230	J

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01039

- SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

HYSOEC SAMPLE NO. \_\_\_\_\_

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SCG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-14

Sample wt/vol: \_\_\_\_\_ (g/ml)

Lab File ID: A1466.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µl)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: 1

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

*Peak Concentration*

Number TICs found: 20

CONCENTRATION UNITS:

(µg/L or µg/kg) ug/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	12.38	160	5
2.		16.19	140	
3.		19.75	190	
4.		20.62	150	
5.		20.74	220	
6.		22.35	150	
7.		22.44	200	
8.		23.11	130	
9.		23.74	330	
10.		24.59	430	
11.		25.54	170	
12.		35.41	840	
13.		36.39	640	
14.		37.32	540	
15.		38.26	860	
16.		39.29	840	
17.		40.45	880	
18.		41.77	740	
19.		43.35	600	
20.	✓	45.20	420	↓
21.				
22.				
23.				
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25.				
26.				
27.				
28.				
29.				
30.				

FORM I-CLP-SV-TIC

✓ 15, 3/2/01

24 3/5/01

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-TP4 DL

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-14, 10X

Sample wt/vol: 30.025 (g/ml) G Lab File ID: B1812.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 20.7 decanted: (Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/27/01

Injection Volume: 2.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.51

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	4200	U
111-44-4	bis(2-Chloroethylether)	4200	U
95-57-8	2-Chlorophenol	4200	U
541-73-1	1,3-Dichlorobenzene	4200	U
106-46-7	1,4-Dichlorobenzene	4200	U
95-50-1	1,2-Dichlorobenzene	4200	U
95-48-7	2-Methylphenol	4200	U
108-60-1	2,2'-oxybis(1-Chloropropane)	4200	U
106-44-5	4-Methylphenol	4200	U
621-64-7	N-Nitrosodi-n-propylamine	4200	U
67-72-1	Hexachloroethane	4200	U
98-95-30	Nitrobenzene	4200	U
78-59-1	Isophorone	4200	U
88-75-52	2-Nitrophenol	4200	U
105-67-9	2,4-Dimethylphenol	4200	U
111-91-1	bis(2-Chloroethoxymethane)	4200	U
120-83-2	2,4-Dichlorophenol	4200	U
120-82-1	1,2,4-Trichlorobenzene	4200	U
91-20-3	Naphthalene	4200	U
106-47-8	4-Chloroaniline	4200	U
87-68-3	Hexachlorobutadiene	4200	U
59-50-7	4-Chloro-3-methylphenol	4200	U
91-57-6	2-Methylnaphthalene	4200	U
77-47-4	Hexachlorocyclopentadiene	4200	U
88-06-2	2,4,6-Trichlorophenol	4200	U
95-95-4	2,4,5-Trichlorophenol	10000	U
91-58-7	2-Chloronaphthalene	4200	U
88-74-4	2-Nitroaniline	10000	U
131-11-3	Dimethyl phthalate	4200	U
208-96-8	Acenaphthylene	4200	U
606-20-2	2,6-Dinitrotoluene	4200	U
99-09-2	3-Nitroaniline	10000	U
83-32-9	Acenaphthene	4200	U
51-28-5	2,4-Dinitrophenol	10000	U
100-02-7	4-Nitrophenol	10000	U
132-64-9	Dibenzofuran	4200	U
121-14-2	2,4-Dinitrotoluene	4200	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-TP4 DL

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-14, 10X

Sample wt/vol: 30.025 (g/ml) G Lab File ID: B1812.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 20.7 decanted: (Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/27/01

Injection Volume: 2.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.51

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	4200	U
7005-72-3	4-Chlorophenylphenylether	4200	U
86-73-7	Fluorene	4200	U
100-01-6	4-Nitroaniline	10000	U
534-52-1	2-Methyl-4,6-dinitrophenol	10000	U
86-30-6	n-Nitrosodiphenylamine	4200	U
101-55-3	4-Bromophenylphenylether	4200	U
118-74-1	Hexachlorobenzene	4200	U
87-86-5	Pentachlorophenol	10000	U
85-01-8	Phenanthrene	4200	U
120-12-7	Anthracene	4200	U
86-74-8	Carbazole	4200	U
84-74-2	Di-n-butyl phthalate	4200	U
206-44-0	Fluoranthene	4200	U
129-00-0	Pyrene	770	JD
85-68-7	Butylbenzyl phthalate	4200	U
91-94-1	3,3'-Dichlorobenzidine	4200	U
56-55-3	Benzo(a)anthracene	550	JD
218-01-9	Chrysene	660	JD
117-81-7	bis-2-Ethylhexyl phthalate	4200	U
117-84-0	Di-n-octyl phthalate	4200	U
205-99-2	Benzo(b)fluoranthene	4200	U
207-08-9	Benzo(k)fluoranthene	4200	U
50-32-8	Benzo(a)pyrene	4200	U
193-39-5	Indeno(1,2,3-cd)pyrene	4200	U
53-70-3	Dibenzo(a,h)anthracene	4200	U
191-24-2	Benzo(g,h,i)perylene	4200	U

01079



## TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-14

Sample wt/vol: \_\_\_\_\_ (g/ml) \_\_\_\_\_

Lab File ID: B1812-2

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µl)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µl)

Dilution Factor: 10

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

CONCENTRATION UNITS:

Number TICs found: 15(µg/L or µg/Kg) µg/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	24.73	1000	J
2.		29.58	1400	
3.		29.71	1300	
4.		30.84	1300	
5.		31.84	2300	
6.		31.94	1800	
7.		33.98	3100	
8.		34.95	4500	
9.		35.88	20 000	
10.		36.78	20 000	
11.		37.65	17 000	
12.		38.57	19 000	
13.		39.60	11 000	
14.		40.79	7500	
15.		42.18	5000	
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FORM ICLP-SV-TIC

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1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS7

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-16

Sample wt/vol: 30.083 (g/ml) G Lab File ID: A1463.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 27.2 decanted:(Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 03/01/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.71

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	460	U
111-44-4	bis(2-Chloroethylether)	460	U
95-57-8	2-Chlorophenol	460	U
541-73-1	1,3-Dichlorobenzene	460	U
106-46-7	1,4-Dichlorobenzene	460	U
95-50-1	1,2-Dichlorobenzene	460	U
95-48-7	2-Methylphenol	460	U
108-60-1	2,2'-oxybis(1-Chloropropane)	460	U
106-44-5	4-Methylphenol	460	U
621-64-7	N-Nitrosodi-n-propylamine	460	U
67-72-1	Hexachloroethane	460	U
98-95-30	Nitrobenzene	460	U
78-59-1	Isophorone	460	U
88-75-52	2-Nitrophenol	460	U
105-67-9	2,4-Dimethylphenol	460	U
111-91-1	bis(2-Chloroethoxymethane)	460	U
120-83-2	2,4-Dichlorophenol	460	U
120-82-1	1,2,4-Trichlorobenzene	460	U
91-20-3	Naphthalene	460	U
106-47-8	4-Chloroaniline	460	U
87-68-3	Hexachlorobutadiene	460	U
59-50-7	4-Chloro-3-methylphenol	460	U
91-57-6	2-Methylnaphthalene	460	U
77-47-4	Hexachlorocyclopentadiene	460	U
88-06-2	2,4,6-Trichlorophenol	460	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	460	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethyl phthalate	460	U
208-96-8	Acenaphthylene	460	U
606-20-2	2,6-Dinitrotoluene	460	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	460	U
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	460	U
121-14-2	2,4-Dinitrotoluene	460	U

UJ

24T  
4/3/01

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS7

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Matrix: (soil/water) SOIL Lab Sample ID: L62601-16  
 Sample wt/vol: 30.083 (g/ml) G Lab File ID: A1463.D  
 Level: (low/med) LOW Date Received: 01/11/01  
 % Moisture: 27.2 decanted:(Y/N) N Date Extracted: 02/05/01  
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 03/01/01  
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0  
 GPC Cleanup: (Y/N) Y pH: 7.71

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	460	U
7005-72-3	4-Chlorophenylphenylether	460	U
86-73-7	Fluorene	49	J
100-01-6	4-Nitroaniline	1100	U
534-52-1	2-Methyl-4-6-dinitrophenol	1100	U
86-30-6	n-Nitrosodiphenylamine	460	U
101-55-3	4-Bromophenylphenylether	460	U
118-74-1	Hexachlorobenzene	460	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	810	
120-12-7	Anthracene	88	J
86-74-8	Carbazole	110	J
84-74-2	Di-n-butyl phthalate	460	U
206-44-0	Fluoranthene	1100	
129-00-0	Pyrene	1400	
85-68-7	Butylbenzyl phthalate	460	U
91-94-1	3,3'-Dichlorobenzidine	460	U
56-55-3	Benzo(a)anthracene	460	
218-01-9	Chrysene	590	
117-81-7	bis-2-Ethylhexyl phthalate	130	J
117-84-0	Di-n-octyl phthalate	460	U
205-99-2	Benzo(b)fluoranthene	1100	
207-08-9	Benzo(k)fluoranthene	390	J
50-32-8	Benzo(a)pyrene	830	
193-39-5	Indeno(1,2,3-cd)pyrene	460	
53-70-3	Dibenzo(a,h)anthracene	460	U
191-24-2	Benzo(g,h,i)perylene	410	J

Handwritten notes and arrows on the right side of the table, including "C10", "C11", "C12", "C13", "C14", "C15", "C16", "C17", "C18", "C19", "C20", "C21", "C22", "C23", "C24", "C25", "C26", "C27", "C28", "C29", "C30", "C31", "C32", "C33", "C34", "C35", "C36", "C37", "C38", "C39", "C40", "C41", "C42", "C43", "C44", "C45", "C46", "C47", "C48", "C49", "C50", "C51", "C52", "C53", "C54", "C55", "C56", "C57", "C58", "C59", "C60", "C61", "C62", "C63", "C64", "C65", "C66", "C67", "C68", "C69", "C70", "C71", "C72", "C73", "C74", "C75", "C76", "C77", "C78", "C79", "C80", "C81", "C82", "C83", "C84", "C85", "C86", "C87", "C88", "C89", "C90", "C91", "C92", "C93", "C94", "C95", "C96", "C97", "C98", "C99", "C100", "C101", "C102", "C103", "C104", "C105", "C106", "C107", "C108", "C109", "C110", "C111", "C112", "C113", "C114", "C115", "C116", "C117", "C118", "C119", "C120", "C121", "C122", "C123", "C124", "C125", "C126", "C127", "C128", "C129", "C130", "C131", "C132", "C133", "C134", "C135", "C136", 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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDOC SAMPLE NO. \_\_\_\_\_

Lab Name: \_\_\_\_\_ Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_ Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_ Lab Sample ID: U62601-16

Sample wt/vol: \_\_\_\_\_ (g/mL) \_\_\_\_\_ Lab File ID: A1463.d

Level: (low/med) \_\_\_\_\_ Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_ Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (μL) \_\_\_\_\_ Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (μL) \_\_\_\_\_ Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_ pH: \_\_\_\_\_

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/kg

Number TICs found: 12

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	21.02	170	J
2.		24.43	240	
3.	(PAH)	27.77	140	
4.		28.02	200	
5.		28.16	100	
6.		28.74	150	
7.		30.91	160	
8.		33.17	110	
9.		34.33	490 490	
10.		36.35	410	
11.		38.19	1100	
12.		40.35	1300	
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FQPM I-CLP-SV-TIC

10/3/2001

2/3/5/01



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS7 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-16

Sample wt/vol: 30.077 (g/ml) G Lab File ID: A1346.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 27.2 decanted: (Y/N) N Date Extracted: 01/15/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/13/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.71

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	460	U
111-44-4	bis(2-Chloroethylether)	460	U
95-57-8	2-Chlorophenol	460	U
541-73-1	1,3-Dichlorobenzene	460	U
106-46-7	1,4-Dichlorobenzene	460	U
95-50-1	1,2-Dichlorobenzene	460	U
95-48-7	2-Methylphenol	460	U
108-60-1	2,2'-oxybis(1-Chloropropane)	460	U
106-44-5	4-Methylphenol	460	U
621-64-7	N-Nitrosodi-n-propylamine	460	U
67-72-1	Hexachloroethane	460	U
98-95-30	Nitrobenzene	460	U
78-59-1	Isophorone	460	U
88-75-52	2-Nitrophenol	460	U
105-67-9	2,4-Dimethylphenol	460	U
111-91-1	bis(2-Chloroethoxymethane)	460	U
120-83-2	2,4-Dichlorophenol	460	U
120-82-1	1,2,4-Trichlorobenzene	460	U
91-20-3	Naphthalene	460	U
106-47-8	4-Chloroaniline	460	U
87-68-3	Hexachlorobutadiene	460	U
59-50-7	4-Chloro-3-methylphenol	460	U
91-57-6	2-Methylnaphthalene	460	U
77-47-4	Hexachlorocyclopentadiene	460	U
88-06-2	2,4,6-Trichlorophenol	460	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	460	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethyl phthalate	460	U
208-96-8	Acenaphthylene	460	U
606-20-2	2,6-Dinitrotoluene	460	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	460	U
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	460	U
121-14-2	2,4-Dinitrotoluene	460	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS7 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-16

Sample wt/vol: 30.077 (g/ml) G Lab File ID: A1346.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 27.2 decanted:(Y/N) N Date Extracted: 01/15/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/13/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.71

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	460	U
7005-72-3	4-Chlorophenylphenylether	460	U
86-73-7	Fluorene	460	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	2-Methyl-4-6-dinitrophenol	1100	U
86-30-6	n-Nitrosodiphenylamine	460	U
101-55-3	4-Bromophenylphenylether	460	U
118-74-1	Hexachlorobenzene	460	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	580	
120-12-7	Anthracene	82	J
86-74-8	Carbazole	69	J
84-74-2	Di-n-butyl phthalate	460	U
206-44-0	Fluoranthene	630	
129-00-0	Pyrene	1500	
85-68-7	Butylbenzyl phthalate	460	U
91-94-1	3,3'-Dichlorobenzidine	460	U
56-55-3	Benzo(a)anthracene	370	J
218-01-9	Chrysene	430	J
117-81-7	bis-2-Ethylhexyl phthalate	170	J
117-84-0	Di-n-octyl phthalate	460	U
205-99-2	Benzo(b)fluoranthene	540	
207-08-9	Benzo(k)fluoranthene	210	J
50-32-8	Benzo(a)pyrene	400	J
193-39-5	Indeno(1,2,3-cd)pyrene	410	J
53-70-3	Dibenzo(a,h)anthracene	460	U
191-24-2	Benzo(g,h,i)perylene	440	J

01136

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO. \_\_\_\_\_

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-16

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1346.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: 1

GPC Cleanup: (Y/N) \_\_\_\_\_

PH: \_\_\_\_\_

Number TICs found: 8

CONCENTRATION UNITS:

(µg/L or µg/Kg) µg/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	20.10	350	JB
2.		23.48	220	J
3.		24.40	1100	
4.		24.50	100	
5.		32.71	530	
6.		32.80	450	
7.		35.38	1100	
8.		36.68	71.0	
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FORM 1-CLP-SV-TIC

✓, 2/14/01



Lab Name:	FRIEND LABORATORY, INC.		Contract:	
Lab Code:	10252	Case No.:	SAS No.:	SDG No.: PANAM
Matrix: (soil/water)	SOIL		Lab Sample ID:	L62601-17
Sample wt/vol:	30.073	(g/ml)	G	Lab File ID: B1813.D
Level: (low/med)	LOW		Date Received:	01/11/01
% Moisture:	12.8	decanted:(Y/N)	N	Date Extracted: 02/05/01
Concentrated Extract Volume:	500	(uL)	Date Analyzed:	02/27/01
Injection Volume:	2.0	(uL)	Dilution Factor:	1.0
GPC Cleanup: (Y/N)	Y	pH:	7.53	

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
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108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethylether)	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-80-1	2,2'-oxybis(1-Chloropropane)	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitrosodi-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-30	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-52	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxymethane)	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	43	J
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	46	J
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	950	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	950	U
131-11-3	Dimethyl phthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U
99-09-2	3-Nitroaniline	950	U
83-32-9	Acenaphthene	46	J
51-28-5	2,4-Dinitrophenol	950	U
100-02-7	4-Nitrophenol	950	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U

[illegible]

247  
4/3/01

Lab Name:	FRIEND LABORATORY, INC.		Contract:	_____
Lab Code:	10252	Case No.:	SAS No.:	SDG No.: PANAM
Matrix: (soil/water)	SOIL		Lab Sample ID:	L62601-17
Sample wt/vol:	30.073	(g/ml)	G	Lab File ID: B1813.D
Level: (low/med)	LOW		Date Received:	01/11/01
% Moisture:	12.8	decanted:(Y/N)	N	Date Extracted: 02/05/01
Concentrated Extract Volume:	500	(uL)	Date Analyzed:	02/27/01
Injection Volume:	2.0	(uL)	Dilution Factor:	1.0
GPC Cleanup: (Y/N)	Y	pH:	7.53	

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
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84-66-2	Diethyl phthalate	380	U
7005-72-3	4-Chlorophenylphenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	950	U
534-52-1	2-Methyl-4,6-dinitrophenol	950	U
86-30-6	n-Nitrosodiphenylamine	380	U
101-55-3	4-Bromophenylphenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	950	U
85-01-8	Phenanthrene	870	
120-12-7	Anthracene	130	J
86-74-8	Carbazole	380	U
84-74-2	Di-n-butyl phthalate	380	U
206-44-0	Fluoranthene	580	
129-00-0	Pyrene	2100	
85-68-7	Butylbenzyl phthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	490	
218-01-9	Chrysene	560	
117-81-7	bis-2-Ethylhexyl phthalate	380	U
117-84-0	Di-n-octyl phthalate	380	U
205-99-2	Benzo(b)fluoranthene	640	
207-08-9	Benzo(k)fluoranthene	260	J
50-32-8	Benzo(a)pyrene	550	
193-39-5	Indeno(1,2,3-cd)pyrene	360	J
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	230	J

[illegible]

21  
4/3/01

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

NYSDOC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: U62601-17

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: B1813. d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (μL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (μL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/kgNumber TICs found: 16

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	12.59	80	5
2.		14.72	89	
3.		18.46	110	
4.	(PATH)	18.96	81	
5.		19.78	320	
6.	(PATH)	20.84	88	
7.		23.16	320	
8.		23.22	110	
9.		23.26	140	
10.		24.07	120	
11.	(PATH)	26.25	81	
12.	( <sup>u</sup> )	26.34	94	
13.	( <sup>u</sup> )	26.47	110	
14.		26.56	120	
15.		29.58	250	
16.		29.71	240	
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FORM I-CLP-SV-TIC

15, 2/28/01

**1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET**

NYSDEC SAMPLE NO.

**SS9 DL**

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-17, 10X

Sample wt/vol: 30.073 (g/ml) G Lab File ID: B1797.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 12.8 decanted: (Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/22/01

Injection Volume: 2.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.53

**CONCENTRATION UNITS:**

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	3800	U
111-44-4	bis(2-Chloroethylether)	3800	U
95-57-8	2-Chlorophenol	3800	U
541-73-1	1,3-Dichlorobenzene	3800	U
106-46-7	1,4-Dichlorobenzene	3800	U
95-50-1	1,2-Dichlorobenzene	3800	U
95-48-7	2-Methylphenol	3800	U
108-60-1	2,2'-oxybis(1-Chloropropane)	3800	U
106-44-5	4-Methylphenol	3800	U
621-64-7	N-Nitrosodi-n-propylamine	3800	U
67-72-1	Hexachloroethane	3800	U
98-95-30	Nitrobenzene	3800	U
78-59-1	Isophorone	3800	U
88-75-52	2-Nitrophenol	3800	U
105-67-9	2,4-Dimethylphenol	3800	U
111-91-1	bis(2-Chloroethoxymethane)	3800	U
120-83-2	2,4-Dichlorophenol	3800	U
120-82-1	1,2,4-Trichlorobenzene	3800	U
91-20-3	Naphthalene	3800	U
106-47-8	4-Chloroaniline	3800	U
87-68-3	Hexachlorobutadiene	3800	U
59-50-7	4-Chloro-3-methylphenol	3800	U
91-57-6	2-Methylnaphthalene	3800	U
77-47-4	Hexachlorocyclopentadiene	3800	U
88-06-2	2,4,6-Trichlorophenol	3800	U
95-95-4	2,4,5-Trichlorophenol	9500	U
91-58-7	2-Chloronaphthalene	3800	U
88-74-4	2-Nitroaniline	9500	U
131-11-3	Dimethyl phthalate	3800	U
208-96-8	Acenaphthylene	3800	U
606-20-2	2,6-Dinitrotoluene	3800	U
99-09-2	3-Nitroaniline	9500	U
83-32-9	Acenaphthene	3800	U
51-28-5	2,4-Dinitrophenol	9500	U
100-02-7	4-Nitrophenol	9500	U
132-64-9	Dibenzofuran	3800	U
121-14-2	2,4-Dinitrotoluene	3800	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS9 DL

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-17, 10X

Sample wt/vol: 30.073 (g/ml) G Lab File ID: B1797.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 12.8 decanted:(Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/22/01

Injection Volume: 2.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.53

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	3800	U
7005-72-3	4-Chlorophenylphenylether	3800	U
86-73-7	Fluorene	3800	U
100-01-6	4-Nitroaniline	9500	U
534-52-1	2-Methyl-4-6-dinitrophenol	9500	U
86-30-6	n-Nitrosodiphenylamine	3800	U
101-55-3	4-Bromophenylphenylether	3800	U
118-74-1	Hexachlorobenzene	3800	U
87-86-5	Pentachlorophenol	9500	U
85-01-8	Phenanthrene	920	JD
120-12-7	Anthracene	3800	U
86-74-8	Carbazole	3800	U
84-74-2	Di-n-butyl phthalate	3800	U
206-44-0	Fluoranthene	3800	U
129-00-0	Pyrene	1700	JD
85-68-7	Butylbenzyl phthalate	3800	U
91-94-1	3,3'-Dichlorobenzidine	3800	U
56-55-3	Benzo(a)anthracene	610	JD
218-01-9	Chrysene	630	JD
117-81-7	bis-2-Ethylhexyl phthalate	3800	U
117-84-0	Di-n-octyl phthalate	3800	U
205-99-2	Benzo(b)fluoranthene	3800	U
207-08-9	Benzo(k)fluoranthene	3800	U
50-32-8	Benzo(a)pyrene	690	JD
193-39-5	Indeno(1,2,3-cd)pyrene	3800	U
53-70-3	Dibenzo(a,h)anthracene	3800	U
191-24-2	Benzo(g,h,i)perylene	3800	U

**SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET**  
**TENTATIVELY IDENTIFIED COMPOUNDS**

**NYSDEC SAMPLE NO.**

10X

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

\_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: 1102601-17

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: B1797.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (mL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: 10

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

Number TICs found: 1

CONCENTRATION UNITS:

(µg/L or µg/Kg) µg/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	G
1.	Unknown	35.62	6700	J
2.				
3.				
4.				
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FORM 1-CLP-SV-TIC

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS10 DL

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-18, 2X

Sample wt/vol: 30.059 (g/ml) G Lab File ID: A1430.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 22.5 decanted:(Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/27/01

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 7.42

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	860	U
111-44-4	bis(2-Chloroethylether)	860	U
95-57-8	2-Chlorophenol	860	U
541-73-1	1,3-Dichlorobenzene	860	U
106-46-7	1,4-Dichlorobenzene	860	U
95-50-1	1,2-Dichlorobenzene	860	U
95-48-7	2-Methylphenol	860	U
108-60-1	2,2'-oxybis(1-Chloropropane)	860	U
106-44-5	4-Methylphenol	860	U
621-64-7	N-Nitrosodi-n-propylamine	860	U
67-72-1	Hexachloroethane	860	U
98-95-30	Nitrobenzene	860	U
78-59-1	Isophorone	860	U
88-75-52	2-Nitrophenol	860	U
105-67-9	2,4-Dimethylphenol	860	U
111-91-1	bis(2-Chloroethoxymethane)	860	U
120-83-2	2,4-Dichlorophenol	860	U
120-82-1	1,2,4-Trichlorobenzene	860	U
91-20-3	Naphthalene	87	JD
106-47-8	4-Chloroaniline	860	U
87-68-3	Hexachlorobutadiene	860	U
59-50-7	4-Chloro-3-methylphenol	860	U
91-57-6	2-Methylnaphthalene	860	U
77-47-4	Hexachlorocyclopentadiene	860	U
88-06-2	2,4,6-Trichlorophenol	860	U
95-95-4	2,4,5-Trichlorophenol	2100	U
91-58-7	2-Chloronaphthalene	860	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethyl phthalate	860	U
208-96-8	Acenaphthylene	860	U
606-20-2	2,6-Dinitrotoluene	860	U
99-09-2	3-Nitroaniline	2100	U
83-32-9	Acenaphthene	190	JD
51-28-5	2,4-Dinitrophenol	2100	U
100-02-7	4-Nitrophenol	2100	U
132-64-9	Dibenzofuran	150	JD
121-14-2	2,4-Dinitrotoluene	860	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS10 DL

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-18, 2X

Sample wt/vol: 30.059 (g/ml) G Lab File ID: A1430.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 22.5 decanted: (Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/27/01

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 7.42

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	860	U
7005-72-3	4-Chlorophenylphenylether	860	U
86-73-7	Fluorene	210	JD
100-01-6	4-Nitroaniline	2100	U
534-52-1	2-Methyl-4-6-dinitrophenol	2100	U
86-30-6	n-Nitrosodiphenylamine	860	U
101-55-3	4-Bromophenylphenylether	860	U
118-74-1	Hexachlorobenzene	860	U
87-86-5	Pentachlorophenol	2100	U
85-01-8	Phenanthrene	2800	D
120-12-7	Anthracene	360	JD
86-74-8	Carbazole	480	JD
84-74-2	Di-n-butyl phthalate	860	U
206-44-0	Fluoranthene	3800	D
129-00-0	Pyrene	4600	D
85-68-7	Butylbenzyl phthalate	860	U
91-94-1	3,3'-Dichlorobenzidine	860	U
56-55-3	Benzo(a)anthracene	1500	D
218-01-9	Chrysene	1800	D
117-81-7	bis-2-Ethylhexyl phthalate	310	JD
117-84-0	Di-n-octyl phthalate	860	U
205-99-2	Benzo(b)fluoranthene	2600	D
207-08-9	Benzo(k)fluoranthene	1000	D
50-32-8	Benzo(a)pyrene	1600	D
193-39-5	Indeno(1,2,3-cd)pyrene	1100	D
53-70-3	Dibenzo(a,h)anthracene	860	U
191-24-2	Benzo(g,h,i)perylene	770	JD

01211



Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: LU2601-18

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1430.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (μL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (μL)

Dilution Factor: 2

GPC Cleanup: (Y/N) \_\_\_\_\_

Zn: \_\_\_\_\_

Number TICs found: 20

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	G
1.	Unknown	24.31	110 212	J
2.		25.33	120 240	
3.	(PAH)	27.52	120 240	
4.	( " )	27.60	160 320	
5.	( " )	27.84	250 510	
6.		28.02	120 240	
7.		28.52	140 280	
8.		28.60	250 570	
9.		29.57	110 210	
10.		30.89	110 220	
11.		31.56	130 270	
12.		33.51	110 240	
13.	(PAH)	33.62	160 320	
14.		34.16	190 380	
15.		36.18	210 410	
16.		37.31	300 590	
17.		38.01	470 930	
18.		38.08	290 570	
19.	(PAH)	38.23	460 930	
20.		40.11	290 580	
21.				
22.				
23.			"	
24.				
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FORM I-CLP-SV-TIC

D17216  
B-11  
3/L

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS10 DLRE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-18, 2X

Sample wt/vol: 30.058 (g/ml) G Lab File ID: B1740.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 22.5 decanted:(Y/N) N Date Extracted: 01/15/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/16/01

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 7.42

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	860	U
111-44-4	bis(2-Chloroethylether)	860	U
95-57-8	2-Chlorophenol	860	U
541-73-1	1,3-Dichlorobenzene	860	U
106-46-7	1,4-Dichlorobenzene	860	U
95-50-1	1,2-Dichlorobenzene	860	U
95-48-7	2-Methylphenol	860	U
108-60-1	2,2'-oxybis(1-Chloropropane)	860	U
106-44-5	4-Methylphenol	860	U
621-64-7	N-Nitrosodi-n-propylamine	860	U
67-72-1	Hexachloroethane	860	U
98-95-30	Nitrobenzene	860	U
78-59-1	Isophorone	860	U
88-75-52	2-Nitrophenol	860	U
105-67-9	2,4-Dimethylphenol	860	U
111-91-1	bis(2-Chloroethoxymethane)	860	U
120-83-2	2,4-Dichlorophenol	860	U
120-82-1	1,2,4-Trichlorobenzene	860	U
91-20-3	Naphthalene	100	JD
106-47-8	4-Chloroaniline	860	U
87-68-3	Hexachlorobutadiene	860	U
59-50-7	4-Chloro-3-methylphenol	860	U
91-57-6	2-Methylnaphthalene	130	JD
77-47-4	Hexachlorocyclopentadiene	860	U
88-06-2	2,4,6-Trichlorophenol	860	U
95-95-4	2,4,5-Trichlorophenol	2100	U
91-58-7	2-Chloronaphthalene	860	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethyl phthalate	860	U
208-96-8	Acenaphthylene	860	U
606-20-2	2,6-Dinitrotoluene	860	U
99-09-2	3-Nitroaniline	2100	U
83-32-9	Acenaphthene	210	JD
51-28-5	2,4-Dinitrophenol	2100	U
100-02-7	4-Nitrophenol	2100	U
132-64-9	Dibenzofuran	860	U
121-14-2	2,4-Dinitrotoluene	860	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS10 DLRE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-18, 2X

Sample wt/vol: 30.058 (g/ml) G Lab File ID: B1740.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 22.5 decanted: (Y/N) N Date Extracted: 01/15/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/16/01

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 7.42

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	860	U
7005-72-3	4-Chlorophenylphenylether	860	U
86-73-7	Fluorene	860	U
100-01-6	4-Nitroaniline	2100	U
534-52-1	2-Methyl-4,6-dinitrophenol	2100	U
86-30-6	n-Nitrosodiphenylamine	860	U
101-55-3	4-Bromophenylphenylether	860	U
118-74-1	Hexachlorobenzene	860	U
87-86-5	Pentachlorophenol	2100	U
85-01-8	Phenanthrene	3500	D
120-12-7	Anthracene	490	JD
86-74-8	Carbazole	390	JD
84-74-2	Di-n-butyl phthalate	860	U
206-44-0	Fluoranthene	4100	D
129-00-0	Pyrene	5400	D
85-68-7	Butylbenzyl phthalate	860	U
91-94-1	3,3'-Dichlorobenzidine	860	U
56-55-3	Benzo(a)anthracene	1900	D
218-01-9	Chrysene	2400	D
117-81-7	bis-2-Ethylhexyl phthalate	470	JD
117-84-0	Di-n-octyl phthalate	860	U
205-99-2	Benzo(b)fluoranthene	3300	D
207-08-9	Benzo(k)fluoranthene	1700	D
50-32-8	Benzo(a)pyrene	2200	D
193-39-5	Indeno(1,2,3-cd)pyrene	1200	D
53-70-3	Dibenzo(a,h)anthracene	860	U
191-24-2	Benzo(g,h,i)perylene	1000	D

TAT  
4/3/01

426-43  
424

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-18

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: B1740.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (μL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (μL)

Dilution Factor: 2

GPC Cleanup: (Y/N) \_\_\_\_\_

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/KgNumber TICs found: 17

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	20.03	270	J
2.	(PAH)	26.59	280	
3.	(")	26.82	420	
4.		27.57	860	
5.		29.83	760	
6.	(PAH)	30.50	270	
7.		31.09	190	
8.		32.07	660	
9.		32.18	200	
10.	(PAH)	32.56	200	
11.		34.23	250	
12.		35.26	360	
13.		36.14	1900	
14.		36.54	1400	
15.		37.03	2900	
16.	(PAH)	37.11	2600	
17.		38.67	1800	
18.				
19.				
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FORM I-CLP-SV-TIC

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP7,9

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-19

Sample wt/vol: 30.078 (g/ml) G Lab File ID: A1438.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 22.4 decanted: (Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/28/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.57

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

CAS NO.	COMPOUND	Q
108-95-2	Phenol	430 U
111-44-4	bis(2-Chloroethylether)	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-Nitrosodi-n-propylamine	430 U
67-72-1	Hexachloroethane	430 U
98-95-30	Nitrobenzene	430 U
78-59-1	Isophorone	430 U
88-75-52	2-Nitrophenol	430 U
105-67-9	2,4-Dimethylphenol	430 U
111-91-1	bis(2-Chloroethoxymethane)	430 U
120-83-2	2,4-Dichlorophenol	430 U
120-82-1	1,2,4-Trichlorobenzene	430 U
91-20-3	Naphthalene	430 U
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	430 U
77-47-4	Hexachlorocyclopentadiene	430 U
88-06-2	2,4,6-Trichlorophenol	430 U
95-95-4	2,4,5-Trichlorophenol	1100 U
91-58-7	2-Chloronaphthalene	430 U
88-74-4	2-Nitroaniline	1100 U
131-11-3	Dimethyl phthalate	430 U
208-96-8	Acenaphthylene	430 U
606-20-2	2,6-Dinitrotoluene	430 U
99-09-2	3-Nitroaniline	1100 U
83-32-9	Acenaphthene	51 J
51-28-5	2,4-Dinitrophenol	1100 U
100-02-7	4-Nitrophenol	1100 U
132-64-9	Dibenzofuran	430 U
121-14-2	2,4-Dinitrotoluene	430 U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP7,9

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-19

Sample wt/vol: 30.078 (g/ml) G Lab File ID: A1438.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 22.4 decanted: (Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/28/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.57

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	430	U
7005-72-3	4-Chlorophenylphenylether	430	U
86-73-7	Fluorene	51	J
100-01-6	4-Nitroaniline	1100	U
534-52-1	2-Methyl-4-6-dinitrophenol	1100	U
86-30-6	n-Nitrosodiphenylamine	430	U
101-55-3	4-Bromophenylphenylether	430	U
118-74-1	Hexachlorobenzene	430	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	380	J
120-12-7	Anthracene	110	J
86-74-8	Carbazole	430	U
84-74-2	Di-n-butyl phthalate	430	U
206-44-0	Fluoranthene	400	J
129-00-0	Pyrene	680	
85-68-7	Butylbenzyl phthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	430	U
56-55-3	Benzo(a)anthracene	200	J
218-01-9	Chrysene	210	J
117-81-7	bis-2-Ethylhexyl phthalate	430	U
117-84-0	Di-n-octyl phthalate	430	U
205-99-2	Benzo(b)fluoranthene	260	J
207-08-9	Benzo(k)fluoranthene	98	J
50-32-8	Benzo(a)pyrene	210	J
193-39-5	Indeno(1,2,3-cd)pyrene	430	U
53-70-3	Dibenzo(a,h)anthracene	430	U
191-24-2	Benzo(g,h,i)perylene	170	J

**SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET**  
**TENTATIVELY IDENTIFIED COMPOUNDS**

HYSOEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: LG2601-19

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1438.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: 1

GPC Cleanup: (Y/N) \_\_\_\_\_

\_\_\_\_\_

Number TICs found: 4

CONCENTRATION UNITS:

(µg/L or µg/Kg) µg/Kg

*R47229*  
*B.C.*  
*3/4*

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	17.73	91	5
2.	↓	20.84	180	↓
3.		24.25	200	
4.		28.42	90	
5.				
6.				
7.				
8.				
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*✓✓✓*

FORM-CLP-SV-TIC

*✓✓✓ 2/11/01*

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP7,9 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-19

Sample wt/vol: 30.064 (g/ml) G Lab File ID: A1237.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 22.4 decanted: (Y/N) N Date Extracted: 01/15/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 01/31/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.57

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethylether)	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-Nitrosodi-n-propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-30	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-52	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
111-91-1	bis(2-Chloroethoxymethane)	430	U
120-83-2	2,4-Dichlorophenol	430	U
120-82-1	1,2,4-Trichlorobenzene	430	U
91-20-3	Naphthalene	430	U
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	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethyl phthalate	430	U
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	430	U
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U



1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP7,9 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-19

Sample wt/vol: 30.064 (g/ml) G Lab File ID: A1237.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 22.4 decanted: (Y/N) N Date Extracted: 01/15/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 01/31/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.57

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	430	U
7005-72-3	4-Chlorophenylphenylether	430	U
86-73-7	Fluorene	430	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	2-Methyl-4,6-dinitrophenol	1100	U
86-30-6	n-Nitrosodiphenylamine	430	U
101-55-3	4-Bromophenylphenylether	430	U
118-74-1	Hexachlorobenzene	430	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	430	U
120-12-7	Anthracene	430	U
86-74-8	Carbazole	430	U
84-74-2	Di-n-butyl phthalate	430	U
206-44-0	Fluoranthene	430	U
129-00-0	Pyrene	430	U
85-68-7	Butylbenzyl phthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	430	U
56-55-3	Benzo(a)anthracene	430	U
218-01-9	Chrysene	430	U
117-81-7	bis-2-Ethylhexyl phthalate	430	U
117-84-0	Di-n-octyl phthalate	430	U
205-99-2	Benzo(b)fluoranthene	47	U
207-08-9	Benzo(k)fluoranthene	430	U
50-32-8	Benzo(a)pyrene	430	U
193-39-5	Indeno(1,2,3-cd)pyrene	430	U
53-70-3	Dibenzo(a,h)anthracene	430	U
191-24-2	Benzo(g,h,i)perylene	430	U

4/15/01

# TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO. \_\_\_\_\_

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-19

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1237.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

Number TICs found: 6

CONCENTRATION UNITS:

(µg/L or µg/kg) µg/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	20.57	420	JB
2.		23.98	230	↓
3.		24.90	170	J
4.		25.03	97	
5.		27.75	92	
6.		35.91	150	↓
7.				
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FORM-1-CLP-SV-TIC

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP10

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-20

Sample wt/vol: 28.627 (g/ml) G Lab File ID: A1478.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 15.6 decanted:(Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 03/02/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.76

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethylether)	410	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitrosodi-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-30	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-52	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxymethane)	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethyl phthalate	410	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	410	U
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U

R

SAT  
4/3/01

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP10

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-20

Sample wt/vol: 28.627 (g/ml) G Lab File ID: A1478.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 15.6 decanted: (Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 03/02/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.76

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	410	U
7005-72-3	4-Chlorophenylphenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1000	U
86-30-6	n-Nitrosodiphenylamine	410	U
101-55-3	4-Bromophenylphenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
86-74-8	Carbazole	410	U
84-74-2	Di-n-butyl phthalate	410	U
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	410	U
85-68-7	Butylbenzyl phthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	410	U
218-01-9	Chrysene	410	U
117-81-7	bis-2-Ethylhexyl phthalate	410	U
117-84-0	Di-n-octyl phthalate	410	U
205-99-2	Benzo(b)fluoranthene	410	U
207-08-9	Benzo(k)fluoranthene	410	U
50-32-8	Benzo(a)pyrene	410	U
193-39-5	Indeno(1,2,3-cd)pyrene	410	U
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	410	U

ret  
4/15/01

01329

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

HYSGEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SCG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: LL62601-20

Sample wt/vol: \_\_\_\_\_ (g/ml)

Lab File ID: A1478.2

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

CONCENTRATION UNITS:

(µg/L or µg/Kg) ug/kgNumber TICs found: 17

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	17.24	100	J
2.		17.79	91	
3.		19.15	86	
4.		19.60	95	
5.		20.62	86	
6.		20.93	140	
7.		22.89	120	
8.		23.60	130	
9.		24.34	330	
10.		24.41	230	
11.		24.45	450	
12.		25.84	230	
13.		27.21	240	
14.		28.52	250	
15.		29.76	220	
16.		30.95	960	
17.		32.08	830	
18.				
19.				
20.				
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FORM I-CLP-SV-TIC

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3/8

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP10 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-20

Sample wt/vol: 28.627 (g/ml) G Lab File ID: A1452.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 15.6 decanted: (Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 03/01/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.76

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethylether)	410	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitrosodi-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-30	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-52	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxymethane)	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethyl phthalate	410	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	410	U
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP10 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-20

Sample wt/vol: 28.627 (g/ml) G Lab File ID: A1452.D

Level: (low/med) LOW Date Received: 01/11/01

% Moisture: 15.6 decanted:(Y/N) N Date Extracted: 02/05/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 03/01/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.76

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	410	U
7005-72-3	4-Chlorophenylphenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1000	U
86-30-6	n-Nitrosodiphenylamine	410	U
101-55-3	4-Bromophenylphenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
86-74-8	Carbazole	410	U
84-74-2	Di-n-butyl phthalate	410	U
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	410	U
85-68-7	Butylbenzyl phthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	410	U
218-01-9	Chrysene	410	U
117-81-7	bis-2-Ethylhexyl phthalate	410	U
117-84-0	Di-n-octyl phthalate	410	U
205-99-2	Benzo(b)fluoranthene	410	U
207-08-9	Benzo(k)fluoranthene	410	U
50-32-8	Benzo(a)pyrene	410	U
193-39-5	Indeno(1,2,3-cd)pyrene	410	U
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	410	U

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

NYSDOE SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SOG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: LG2601-20

Sample wt/vol: \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: A1452.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (μL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (μL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

CONCENTRATION UNITS:

Number TICs found: 20

(μg/L or μg/Kg)

μg/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	17.12	100	J
2.		17.67	87	
3.		19.03	110	
4.		19.47	110	
5.		20.49	110	
6.		20.80	210	
7.		21.16	130	
8.		22.75	140	
9.		23.46	180	
10.		24.20	370	
11.		24.27	270	
12.		24.31	600	
13.		25.70	260	
14.		27.06	250	
15.		28.36	240	
16.		29.59	180	
17.		30.64	760	
18.		30.78	1100	
19.		31.92	840	
20.		33.01	650	
21.				
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FGPM1-CLP-SV-TIC

✓ 15, 3/2/01



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS12

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-35

Sample wt/vol: 30.062 (g/ml) G Lab File ID: A1283.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 28.1 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/07/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.57

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	460	U
111-44-4	bis(2-Chloroethylether)	460	U
95-57-8	2-Chlorophenol	460	U
541-73-1	1,3-Dichlorobenzene	460	U
106-46-7	1,4-Dichlorobenzene	460	U
95-50-1	1,2-Dichlorobenzene	460	U
95-48-7	2-Methylphenol	460	U
108-60-1	2,2'-oxybis(1-Chloropropane)	460	U
106-44-5	4-Methylphenol	460	U
621-64-7	N-Nitrosodi-n-propylamine	460	U
67-72-1	Hexachloroethane	460	U
98-95-30	Nitrobenzene	460	U
78-59-1	Isophorone	460	U
88-75-52	2-Nitrophenol	460	U
105-67-9	2,4-Dimethylphenol	460	U
111-91-1	bis(2-Chloroethoxymethane)	460	U
120-83-2	2,4-Dichlorophenol	460	U
120-82-1	1,2,4-Trichlorobenzene	460	U
91-20-3	Naphthalene	48	J
106-47-8	4-Chloroaniline	460	U
87-68-3	Hexachlorobutadiene	460	U
59-50-7	4-Chloro-3-methylphenol	460	U
91-57-6	2-Methylnaphthalene	460	U
77-47-4	Hexachlorocyclopentadiene	460	U
88-06-2	2,4,6-Trichlorophenol	460	U
95-95-4	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	460	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethyl phthalate	460	U
208-96-8	Acenaphthylene	460	U
606-20-2	2,6-Dinitrotoluene	460	U
99-09-2	3-Nitroaniline	1200	U
83-32-9	Acenaphthene	83	J
51-28-5	2,4-Dinitrophenol	1200	U
100-02-7	4-Nitrophenol	1200	U
132-64-9	Dibenzofuran	64	J
121-14-2	2,4-Dinitrotoluene	460	U

01335

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS12

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-35

Sample wt/vol: 30.062 (g/ml) G Lab File ID: A1283.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 28.1 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/07/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.57

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	460	U
7005-72-3	4-Chlorophenylphenylether	460	U
86-73-7	Fluorene	93	J
100-01-6	4-Nitroaniline	1200	U
534-52-1	2-Methyl-4-6-dinitrophenol	1200	U
86-30-6	n-Nitrosodiphenylamine	460	U
101-55-3	4-Bromophenylphenylether	460	U
118-74-1	Hexachlorobenzene	460	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	1400	
120-12-7	Anthracene	140	J
86-74-8	Carbazole	200	J
84-74-2	Di-n-butyl phthalate	460	U
206-44-0	Fluoranthene	1900	
129-00-0	Pyrene	3300	
85-68-7	Butylbenzyl phthalate	460	U
91-94-1	3,3'-Dichlorobenzidine	460	U
56-55-3	Benzo(a)anthracene	750	
218-01-9	Chrysene	880	
117-81-7	bis-2-Ethylhexyl phthalate	350	J
117-84-0	Di-n-octyl phthalate	460	U
205-99-2	Benzo(b)fluoranthene	1200	
207-08-9	Benzo(k)fluoranthene	440	J
50-32-8	Benzo(a)pyrene	760	
193-39-5	Indeno(1,2,3-cd)pyrene	560	
53-70-3	Dibenzo(a,h)anthracene	460	U
191-24-2	Benzo(g,h,i)perylene	560	

Handwritten notes: 4/3/01, 11/11, 11/11

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

## TENTATIVELY IDENTIFIED COMPOUNDS

HYSOEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: LL2601-35

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1283.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (μL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (μL)

Dilution Factor: 1

GPC Cleanup: (Y/N) \_\_\_\_\_

\_\_\_\_\_

CONCENTRATION UNITS:

Number TICs found: 20

(μg/L or μg/Kg) μg/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	17.17	120	J
2.		20.26	320	JB
3.		23.65	250	↓
4.		24.54	130	J
5.		24.59	<del>120</del> 140	JB
6.		24.70	190	J
7.		26.72	120	↓
8.		27.02	150	↓
9.		27.27	160	↓
10.		27.41	170	↓
11.		27.79	200	↓
12.		29.86	150	↓
13.		29.99	150	JB
14.		30.13	150	J
15.		30.95	180	↓
16.		31.43	140	↓
17.		32.75	160	↓
18.		35.87	710	↓
19.		36.86	840	↓
20.		39.36	550	↓
21.				
22.				
23.				
24.				
25.				
26.				
27.				
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FORM I-CLP-SV-TIC

115 2/7/01

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS12 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-35

Sample wt/vol: 30.062 (g/ml) G Lab File ID: A1272.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 28.1 decanted: (Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/06/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.57

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

108-95-2	Phenol	460	U
111-44-4	bis(2-Chloroethylether)	460	U
95-57-8	2-Chlorophenol	460	U
541-73-1	1,3-Dichlorobenzene	460	U
106-46-7	1,4-Dichlorobenzene	460	U
95-50-1	1,2-Dichlorobenzene	460	U
95-48-7	2-Methylphenol	460	U
108-60-1	2,2'-oxybis(1-Chloropropane)	460	U
106-44-5	4-Methylphenol	460	U
621-64-7	N-Nitrosodi-n-propylamine	460	U
67-72-1	Hexachloroethane	460	U
98-95-30	Nitrobenzene	460	U
78-59-1	Isophorone	460	U
88-75-52	2-Nitrophenol	460	U
105-67-9	2,4-Dimethylphenol	460	U
111-91-1	bis(2-Chloroethoxymethane)	460	U
120-83-2	2,4-Dichlorophenol	460	U
120-82-1	1,2,4-Trichlorobenzene	460	U
91-20-3	Naphthalene	49	J
106-47-8	4-Chloroaniline	460	U
87-68-3	Hexachlorobutadiene	460	U
59-50-7	4-Chloro-3-methylphenol	460	U
91-57-6	2-Methylnaphthalene	460	U
77-47-4	Hexachlorocyclopentadiene	460	U
88-06-2	2,4,6-Trichlorophenol	460	U
95-95-4	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	460	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethyl phthalate	460	U
208-96-8	Acenaphthylene	460	U
606-20-2	2,6-Dinitrotoluene	460	U
99-09-2	3-Nitroaniline	1200	U
83-32-9	Acenaphthene	83	J
51-28-5	2,4-Dinitrophenol	1200	U
100-02-7	4-Nitrophenol	1200	U
132-64-9	Dibenzofuran	65	J
121-14-2	2,4-Dinitrotoluene	460	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. 205

**SS12 RE**

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Matrix: (soil/water) SOIL Lab Sample ID: L62601-35  
 Sample wt/vol: 30.062 (g/ml) G Lab File ID: A1272.D  
 Level: (low/med) LOW Date Received: 01/12/01  
 % Moisture: 28.1 decanted: (Y/N) N Date Extracted: 01/17/01  
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/06/01  
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0  
 GPC Cleanup: (Y/N) Y pH: 7.57

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	460	U
7005-72-3	4-Chlorophenylphenylether	460	U
86-73-7	Fluorene	96	J
100-01-6	4-Nitroaniline	1200	U
534-52-1	2-Methyl-4-6-dinitrophenol	1200	U
86-30-6	n-Nitrosodiphenylamine	460	U
101-55-3	4-Bromophenylphenylether	460	U
118-74-1	Hexachlorobenzene	460	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	1500	
120-12-7	Anthracene	150	J
86-74-8	Carbazole	200	J
84-74-2	Di-n-butyl phthalate	460	U
206-44-0	Fluoranthene	1900	
129-00-0	Pyrene	3400	
85-68-7	Butylbenzyl phthalate	460	U
91-94-1	3,3'-Dichlorobenzidine	460	U
56-55-3	Benzo(a)anthracene	790	
218-01-9	Chrysene	910	
117-81-7	bis-2-Ethylhexyl phthalate	380	J
117-84-0	Di-n-octyl phthalate	460	U
205-99-2	Benzo(b)fluoranthene	1400	
207-08-9	Benzo(k)fluoranthene	540	
50-32-8	Benzo(a)pyrene	810	
193-39-5	Indeno(1,2,3-cd)pyrene	640	
53-70-3	Dibenzo(a,h)anthracene	120	J
191-24-2	Benzo(g,h,i)perylene	610	

01428

**SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET**  
**TENTATIVELY IDENTIFIED COMPOUNDS**

HYSDOC SAMPLE NO. \_\_\_\_\_

*Confirmation*

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-35

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1272.2

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (mL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (μL)

Injection Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

\_\_\_\_\_

Number TICs found: 20

CONCENTRATION UNITS:

(μg/L or μg/kg) ug/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	17.27	120	J
2.		20.36	280	JB
3.		23.76	250	
4.		24.68	240	↓
5.		24.80	110	J
6.		26.83	110	
7.		26.92	100	
8.		27.14	160	J
9.		27.38	100	
10.		27.50	120	J
11.		27.90	300	↓
12.		29.97	160	
13.		30.11	150	JB
14.		30.22	760	J
15.		30.66	150	
16.		31.06	170	
17.		31.53	230	
18.		32.48	1020	
19.		32.62	180	
20.		34.69	180	
21.		35.67	270	
22.		36.97	1100	
23.		37.51	780	
24.		39.50	970	↓
25.				
26.				
27.				
28.				
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FORM I-CLP-SV-TIC

*146*

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS13

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-38

Sample wt/vol: 30.013 (g/ml) G Lab File ID: A1270.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 25.5 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/06/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.65

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	450	U
111-44-4	bis(2-Chloroethylether)	450	U
95-57-8	2-Chlorophenol	450	U
541-73-1	1,3-Dichlorobenzene	450	U
106-46-7	1,4-Dichlorobenzene	450	U
95-50-1	1,2-Dichlorobenzene	450	U
95-48-7	2-Methylphenol	450	U
108-60-1	2,2'-oxybis(1-Chloropropane)	450	U
106-44-5	4-Methylphenol	450	U
621-64-7	N-Nitrosodi-n-propylamine	450	U
67-72-1	Hexachloroethane	450	U
98-95-30	Nitrobenzene	450	U
78-59-1	Isophorone	450	U
88-75-52	2-Nitrophenol	450	U
105-67-9	2,4-Dimethylphenol	450	U
111-91-1	bis(2-Chloroethoxymethane)	450	U
120-83-2	2,4-Dichlorophenol	450	U
120-82-1	1,2,4-Trichlorobenzene	450	U
91-20-3	Naphthalene	48	J
106-47-8	4-Chloroaniline	450	U
87-68-3	Hexachlorobutadiene	450	U
59-50-7	4-Chloro-3-methylphenol	450	U
91-57-6	2-Methylnaphthalene	450	U
77-47-4	Hexachlorocyclopentadiene	450	U
88-06-2	2,4,6-Trichlorophenol	450	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	450	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethyl phthalate	450	U
208-96-8	Acenaphthylene	450	U
606-20-2	2,6-Dinitrotoluene	450	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	180	J
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	110	J
121-14-2	2,4-Dinitrotoluene	450	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS13

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-38

Sample wt/vol: 30.013 (g/ml) G Lab File ID: A1270.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 25.5 decanted: (Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/06/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.65

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	450	U
7005-72-3	4-Chlorophenylphenylether	450	U
86-73-7	Fluorene	200	J
100-01-6	4-Nitroaniline	1100	U
534-52-1	2-Methyl-4-6-dinitrophenol	1100	U
86-30-6	n-Nitrosodiphenylamine	450	U
101-55-3	4-Bromophenylphenylether	450	U
118-74-1	Hexachlorobenzene	450	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	2800	
120-12-7	Anthracene	300	J
86-74-8	Carbazole	350	J
84-74-2	Di-n-butyl phthalate	450	U
206-44-0	Fluoranthene	<del>4000 2800</del>	<del>P</del>
129-00-0	Pyrene	<del>4800 5400</del>	<del>P</del>
85-68-7	Butylbenzyl phthalate	450	U
91-94-1	3,3'-Dichlorobenzidine	450	U
56-55-3	Benzo(a)anthracene	1500	
218-01-9	Chrysene	1700	
117-81-7	bis-2-Ethylhexyl phthalate	220	J
117-84-0	Di-n-octyl phthalate	450	U
205-99-2	Benzo(b)fluoranthene	2400	
207-08-9	Benzo(k)fluoranthene	790	
50-32-8	Benzo(a)pyrene	1500	
193-39-5	Indeno(1,2,3-cd)pyrene	1100	
53-70-3	Dibenzo(a,h)anthracene	450	U
191-24-2	Benzo(g,h,i)perylene	1100	

JS  
4/2/01

17  
15  
15



**SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET**  
**TENTATIVELY IDENTIFIED COMPOUNDS**

**HYSDGC SAMPLE NO.**

**ND**

Confirmation

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SOG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: 162601-38

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1270.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

CONCENTRATION UNITS:

(µg/L or µg/mL) ug/kg

Number TICs found: 16

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	20.35	250	JB
2.		23.75	240	↓
3.		24.63	190	J
4.		24.85	270	
5.		26.87	200	
6.		26.91	210	
7.		27.12	410	
8.		27.81	200	
9.		27.90	550	
10.		30.22	260	
11.		30.84	280	
12.		31.05	150	
13.		32.47	240	
14.		32.86	200	
15.		36.97	640	
16.		37.44	550	
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FORM I-CLP-SV-TIC

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1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS13 DL

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-38, 2X

Sample wt/vol: 30.016 (g/ml) G Lab File ID: A1281.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 25.5 decanted: (Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/07/01

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 7.65

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	890	U
111-44-4	bis(2-Chloroethylether)	890	U
95-57-8	2-Chlorophenol	890	U
541-73-1	1,3-Dichlorobenzene	890	U
106-46-7	1,4-Dichlorobenzene	890	U
95-50-1	1,2-Dichlorobenzene	890	U
95-48-7	2-Methylphenol	890	U
108-60-1	2,2'-oxybis(1-Chloropropane)	890	U
106-44-5	4-Methylphenol	890	U
621-64-7	N-Nitrosodi-n-propylamine	890	U
67-72-1	Hexachloroethane	890	U
98-95-30	Nitrobenzene	890	U
78-59-1	Isophorone	890	U
88-75-52	2-Nitrophenol	890	U
105-67-9	2,4-Dimethylphenol	890	U
111-91-1	bis(2-Chloroethoxymethane)	890	U
120-83-2	2,4-Dichlorophenol	890	U
120-82-1	1,2,4-Trichlorobenzene	890	U
91-20-3	Naphthalene	890	U
106-47-8	4-Chloroaniline	890	U
87-68-3	Hexachlorobutadiene	890	U
59-50-7	4-Chloro-3-methylphenol	890	U
91-57-6	2-Methylnaphthalene	890	U
77-47-4	Hexachlorocyclopentadiene	890	U
88-06-2	2,4,6-Trichlorophenol	890	U
95-95-4	2,4,5-Trichlorophenol	2200	U
91-58-7	2-Chloronaphthalene	890	U
88-74-4	2-Nitroaniline	2200	U
131-11-3	Dimethyl phthalate	890	U
208-96-8	Acenaphthylene	890	U
606-20-2	2,6-Dinitrotoluene	890	U
99-09-2	3-Nitroaniline	2200	U
83-32-9	Acenaphthene	170	JD
51-28-5	2,4-Dinitrophenol	2200	U
100-02-7	4-Nitrophenol	2200	U
132-64-9	Dibenzofuran	110	JD
121-14-2	2,4-Dinitrotoluene	890	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS13 DL

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-38, 2X

Sample wt/vol: 30.016 (g/ml) G Lab File ID: A1281.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 25.5 decanted: (Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/07/01

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 7.65

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	890	U
7005-72-3	4-Chlorophenylphenylether	890	U
86-73-7	Fluorene	190	JD
100-01-6	4-Nitroaniline	2200	U
534-52-1	2-Methyl-4-6-dinitrophenol	2200	U
86-30-6	n-Nitrosodiphenylamine	890	U
101-55-3	4-Bromophenylphenylether	890	U
118-74-1	Hexachlorobenzene	890	U
87-86-5	Pentachlorophenol	2200	U
85-01-8	Phenanthrene	2900	D
120-12-7	Anthracene	290	JD
86-74-8	Carbazole	340	JD
84-74-2	Di-n-butyl phthalate	890	U
206-44-0	Fluoranthene	4000	D
129-00-0	Pyrene	4800	D
85-68-7	Butylbenzyl phthalate	890	U
91-94-1	3,3'-Dichlorobenzidine	890	U
56-55-3	Benzo(a)anthracene	1400	D
218-01-9	Chrysene	1600	D
117-81-7	bis-2-Ethylhexyl phthalate	890	U
117-84-0	Di-n-octyl phthalate	890	U
205-99-2	Benzo(b)fluoranthene	2300	D
207-08-9	Benzo(k)fluoranthene	670	JD
50-32-8	Benzo(a)pyrene	1400	D
193-39-5	Indeno(1,2,3-cd)pyrene	810	JD
53-70-3	Dibenzo(a,h)anthracene	890	U
191-24-2	Benzo(g,h,i)perylene	770	JD

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

2X

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: LL2601-38

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1281-d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: 2

GPC Cleanup: (Y/N) \_\_\_\_\_

CONCENTRATION UNITS:

(µg/L or µg/Kg) µg/Kg

Number TICs found: 11

R45435  
05.00  
2/7

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	20.25	190	JB
2.		23.65	190	↓
3.		24.73	220	J
4.		26.71	180	
5.		26.79	190	
6.		27.01	440	
7.		27.77	460	
8.		30.70	230	
9.		30.92	200	
10.		32.74	290	
11.		36.86	1100	↓
12.				
13.				
14.				
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FORM I-CLP-SV-TIC

1/5, 2/7/01

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-TP12 DL

TP-TP13, 12 DL

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-43, 2X

Sample wt/vol: 30.055 (g/ml) G Lab File ID: B1750.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 31.4 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/19/01

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 7.53

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	970	U
111-44-4	bis(2-Chloroethylether)	970	U
95-57-8	2-Chlorophenol	970	U
541-73-1	1,3-Dichlorobenzene	970	U
106-46-7	1,4-Dichlorobenzene	970	U
95-50-1	1,2-Dichlorobenzene	970	U
95-48-7	2-Methylphenol	970	U
108-60-1	2,2'-oxybis(1-Chloropropane)	970	U
106-44-5	4-Methylphenol	970	U
621-64-7	N-Nitrosodi-n-propylamine	970	U
67-72-1	Hexachloroethane	970	U
98-95-30	Nitrobenzene	970	U
78-59-1	Isophorone	970	U
88-75-52	2-Nitrophenol	970	U
105-67-9	2,4-Dimethylphenol	970	U
111-91-1	bis(2-Chloroethoxymethane)	970	U
120-83-2	2,4-Dichlorophenol	970	U
120-82-1	1,2,4-Trichlorobenzene	970	U
91-20-3	Naphthalene	490	JD
106-47-8	4-Chloroaniline	970	U
87-68-3	Hexachlorobutadiene	970	U
59-50-7	4-Chloro-3-methylphenol	970	U
91-57-6	2-Methylnaphthalene	320	JD
77-47-4	Hexachlorocyclopentadiene	970	U
88-06-2	2,4,6-Trichlorophenol	970	U
95-95-4	2,4,5-Trichlorophenol	2400	U
91-58-7	2-Chloronaphthalene	970	U
88-74-4	2-Nitroaniline	2400	U
131-11-3	Dimethyl phthalate	970	U
208-96-8	Acenaphthylene	970	U
606-20-2	2,6-Dinitrotoluene	970	U
99-09-2	3-Nitroaniline	2400	U
83-32-9	Acenaphthene	1100	D
51-28-5	2,4-Dinitrophenol	2400	U
100-02-7	4-Nitrophenol	2400	U
132-64-9	Dibenzofuran	790	JD
121-14-2	2,4-Dinitrotoluene	970	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-TP12 DL

TP-TP13, 12 DL

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-43, 2X

Sample wt/vol: 30.055 (g/ml) G Lab File ID: B1750.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 31.4 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/19/01

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 7.53

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	970	U
7005-72-3	4-Chlorophenylphenylether	970	U
86-73-7	Fluorene	1700	D
100-01-6	4-Nitroaniline	2400	U
534-52-1	2-Methyl-4-6-dinitrophenol	2400	U
86-30-6	n-Nitrosodiphenylamine	970	U
101-55-3	4-Bromophenylphenylether	970	U
118-74-1	Hexachlorobenzene	970	U
87-86-5	Pentachlorophenol	2400	U
85-01-8	Phenanthrene	7700	D
120-12-7	Anthracene	1600	D
86-74-8	Carbazole	950	JD
84-74-2	Di-n-butyl phthalate	970	U
206-44-0	Fluoranthene	5500	D
129-00-0	Pyrene	4400	D
85-68-7	Butylbenzyl phthalate	970	U
91-94-1	3,3'-Dichlorobenzidine	970	U
56-55-3	Benzo(a)anthracene	2400	D
218-01-9	Chrysene	2400	D
117-81-7	bis-2-Ethylhexyl phthalate	970	U
117-84-0	Di-n-octyl phthalate	970	U
205-99-2	Benzo(b)fluoranthene	2400	D
207-08-9	Benzo(k)fluoranthene	960	JD
50-32-8	Benzo(a)pyrene	1700	D
193-39-5	Indeno(1,2,3-cd)pyrene	910	JD
53-70-3	Dibenzo(a,h)anthracene	970	U
191-24-2	Benzo(g,h,i)perylene	660	JD

**SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET**  
**TENTATIVELY IDENTIFIED COMPOUNDS**

HYSOEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-43

Sample wt/vol: \_\_\_\_\_ (g/ml)

Lab File ID: B1750.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: 2

GPC Cleanup: (Y/N) \_\_\_\_\_ pH: \_\_\_\_\_

CONCENTRATION UNITS:

(µg/L or µg/Kg) µg/Kg

Number TICs found: \_\_\_\_\_

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	22.65	460	J
2.		23.31	360	JB
3.		23.61	430	J
4.		24.45	510	
5.		26.41	1000	
6.		26.50	1000	
7.		26.63	380	
8.		26.73	850	
9.		27.42	480	
10.		30.65	1900	✓
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FORM I-CLP-SV-TIC

*✓*

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-TP14,15

JAT

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-44

Sample wt/vol: 30.005 (g/ml) G Lab File ID: A1342.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 19 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/13/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.6

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethylether)	410	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitrosodi-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-30	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-52	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxymethane)	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	73	J
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	96	J
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethyl phthalate	410	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	53	J
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U



1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-TP14, 15 JAT

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Matrix: (soil/water) SOIL Lab Sample ID: L62601-44  
 Sample wt/vol: 30.005 (g/ml) G Lab File ID: A1342.D  
 Level: (low/med) LOW Date Received: 01/12/01  
 % Moisture: 19 decanted: (Y/N) N Date Extracted: 01/17/01  
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/13/01  
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0  
 GPC Cleanup: (Y/N) Y pH: 7.6

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	410	U
7005-72-3	4-Chlorophenylphenylether	410	U
86-73-7	Fluorene	54	J
100-01-6	4-Nitroaniline	1000	U
534-52-1	2-Methyl-4-6-dinitrophenol	1000	U
86-30-6	n-Nitrosodiphenylamine	410	U
101-55-3	4-Bromophenylphenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	660	
120-12-7	Anthracene	180	J
86-74-8	Carbazole	410	U
84-74-2	Di-n-butyl phthalate	69	J
206-44-0	Fluoranthene	600	
129-00-0	Pyrene	2400	
85-68-7	Butylbenzyl phthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	990	
218-01-9	Chrysene	920	
117-81-7	bis-2-Ethylhexyl phthalate	200	J
117-84-0	Di-n-octyl phthalate	410	U
205-99-2	Benzo(b)fluoranthene	1100	
207-08-9	Benzo(k)fluoranthene	450	
50-32-8	Benzo(a)pyrene	820	
193-39-5	Indeno(1,2,3-cd)pyrene	750	
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	770	

JAT 4/3/01

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

NYSOEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-44

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1342.2

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (μL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (μL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

Number TICs found: 9

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	16.31	180	J
2.	(A4H)	17.28	140	↓
3.		18.79	210	↓
4.		20.08	350	J8
5.		20.48	180	J
6.		22.08	160	↓
7.		23.48	540	J8
8.		23.59	510	J
9.	↓	26.38	430	↓
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FORM-CLP-SV-TIC

✓ 140, 2/14/01

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-TP14 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-44

Sample wt/vol: 30.005 (g/ml) G Lab File ID: A1332.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 19 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/12/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.6

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethylether)	410	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitrosodi-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-30	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-52	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxymethane)	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	62	J
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	86	J
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethyl phthalate	410	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	47	J
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	43	J
121-14-2	2,4-Dinitrotoluene	410	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-TP14 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-44

Sample wt/vol: 30.005 (g/ml) G Lab File ID: A1332.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 19 decanted: (Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/12/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.6

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	410	U
7005-72-3	4-Chlorophenylphenylether	410	U
86-73-7	Fluorene	47	J
100-01-6	4-Nitroaniline	1000	U
534-52-1	2-Methyl-4-6-dinitrophenol	1000	U
86-30-6	n-Nitrosodiphenylamine	410	U
101-55-3	4-Bromophenylphenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	570	
120-12-7	Anthracene	160	J
86-74-8	Carbazole	410	U
84-74-2	Di-n-butyl phthalate	61	J
206-44-0	Fluoranthene	460	
129-00-0	Pyrene	2300	
85-68-7	Butylbenzyl phthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	790	
218-01-9	Chrysene	800	
117-81-7	bis-2-Ethylhexyl phthalate	180	J
117-84-0	Di-n-octyl phthalate	410	U
205-99-2	Benzo(b)fluoranthene	980	
207-08-9	Benzo(k)fluoranthene	280	J
50-32-8	Benzo(a)pyrene	700	
193-39-5	Indeno(1,2,3-cd)pyrene	680	
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	650	

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: LE2601-44

Sample wt/vol: \_\_\_\_\_ (g/ml)

Lab File ID: A1332.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (ml)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: 1

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

Number TICs found: 12

CONCENTRATION UNITS:

(µg/L or µg/kg) µg/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	16.49	380	J
2.	(PAH)	17.38	120	(
3.		18.89	190	
4.	(PAH)	19.32	87	
5.	( " )	19.41	83	
6.		19.90	92	↓
7.		20.18	300	JB
8.		20.58	160	J
9.		22.17	140	↓
10.		23.59	370	JB
11.		23.69	340	J
12.	↓	26.49	360	↓
13.				
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FORM I-CLP-SV-TIC

1/15, 2/13/01

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-15

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-46

Sample wt/vol: 30.027 (g/ml) G Lab File ID: A1282.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 22.3 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/07/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.58

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethylether)	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-Nitrosodi-n-propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-30	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-52	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
111-91-1	bis(2-Chloroethoxymethane)	430	U
120-83-2	2,4-Dichlorophenol	430	U
120-82-1	1,2,4-Trichlorobenzene	430	U
91-20-3	Naphthalene	430	U
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	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethyl phthalate	430	U
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	430	U
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-15

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-46

Sample wt/vol: 30.027 (g/ml) G Lab File ID: A1282.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 22.3 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/07/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.58

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	430	U
7005-72-3	4-Chlorophenylphenylether	430	U
86-73-7	Fluorene	430	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	2-Methyl-4-6-dinitrophenol	1100	U
86-30-6	n-Nitrosodiphenylamine	430	U
101-55-3	4-Bromophenylphenylether	430	U
118-74-1	Hexachlorobenzene	430	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	150	J
120-12-7	Anthracene	430	U
86-74-8	Carbazole	430	U
84-74-2	Di-n-butyl phthalate	430	U
206-44-0	Fluoranthene	260	J
129-00-0	Pyrene	490	
85-68-7	Butylbenzyl phthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	430	U
56-55-3	Benzo(a)anthracene	130	J
218-01-9	Chrysene	140	J
117-81-7	bis-2-Ethylhexyl phthalate	150	J
117-84-0	Di-n-octyl phthalate	430	U
205-99-2	Benzo(b)fluoranthene	210	J
207-08-9	Benzo(k)fluoranthene	67	J
50-32-8	Benzo(a)pyrene	130	J
193-39-5	Indeno(1,2,3-cd)pyrene	430	U
53-70-3	Dibenzo(a,h)anthracene	430	U
191-24-2	Benzo(g,h,i)perylene	120	J

4/13/01

4/13/01

01629

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO. \_\_\_\_\_

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: LG2601-46

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1282-d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: 1

GPC Cleanup: (Y/N) \_\_\_\_\_

Dil: \_\_\_\_\_

Number TICs found: 2

CONCENTRATION UNITS:

(µg/L or µg/Kg) ug/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	20.26	280	JB
2.	↓	23.66	210	↓
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FORM 1-CLP-SV-TIC

✓, 8/7/01



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-15 DL

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-46, 2X

Sample wt/vol: 30.027 (g/ml) G Lab File ID: A1269.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 22.3 decanted: (Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/06/01

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 7.58

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	860	U
111-44-4	bis(2-Chloroethylether)	860	U
95-57-8	2-Chlorophenol	860	U
541-73-1	1,3-Dichlorobenzene	860	U
106-46-7	1,4-Dichlorobenzene	860	U
95-50-1	1,2-Dichlorobenzene	860	U
95-48-7	2-Methylphenol	860	U
108-60-1	2,2'-oxybis(1-Chloropropane)	860	U
106-44-5	4-Methylphenol	860	U
621-64-7	N-Nitrosodi-n-propylamine	860	U
67-72-1	Hexachloroethane	860	U
98-95-30	Nitrobenzene	860	U
78-59-1	Isophorone	860	U
88-75-52	2-Nitrophenol	860	U
105-67-9	2,4-Dimethylphenol	860	U
111-91-1	bis(2-Chloroethoxymethane)	860	U
120-83-2	2,4-Dichlorophenol	860	U
120-82-1	1,2,4-Trichlorobenzene	860	U
91-20-3	Naphthalene	860	U
106-47-8	4-Chloroaniline	860	U
87-68-3	Hexachlorobutadiene	860	U
59-50-7	4-Chloro-3-methylphenol	860	U
91-57-6	2-Methylnaphthalene	860	U
77-47-4	Hexachlorocyclopentadiene	860	U
88-06-2	2,4,6-Trichlorophenol	860	U
95-95-4	2,4,5-Trichlorophenol	2100	U
91-58-7	2-Chloronaphthalene	860	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethyl phthalate	860	U
208-96-8	Acenaphthylene	860	U
606-20-2	2,6-Dinitrotoluene	860	U
99-09-2	3-Nitroaniline	2100	U
83-32-9	Acenaphthene	860	U
51-28-5	2,4-Dinitrophenol	2100	U
100-02-7	4-Nitrophenol	2100	U
132-64-9	Dibenzofuran	860	U
121-14-2	2,4-Dinitrotoluene	860	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-15 DL

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-46, 2X

Sample wt/vol: 30.027 (g/ml) G Lab File ID: A1269.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 22.3 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/06/01

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 7.58

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	860	U
7005-72-3	4-Chlorophenylphenylether	860	U
86-73-7	Fluorene	860	U
100-01-6	4-Nitroaniline	2100	U
534-52-1	2-Methyl-4-6-dinitrophenol	2100	U
86-30-6	n-Nitrosodiphenylamine	860	U
101-55-3	4-Bromophenylphenylether	860	U
118-74-1	Hexachlorobenzene	860	U
87-86-5	Pentachlorophenol	2100	U
85-01-8	Phenanthrene	150	JD
120-12-7	Anthracene	860	U
86-74-8	Carbazole	860	U
84-74-2	Di-n-butyl phthalate	860	U
206-44-0	Fluoranthene	270	JD
129-00-0	Pyrene	860	U
85-68-7	Butylbenzyl phthalate	860	U
91-94-1	3,3'-Dichlorobenzidine	860	U
56-55-3	Benzo(a)anthracene	120	JD
218-01-9	Chrysene	140	JD
117-81-7	bis-2-Ethylhexyl phthalate	860	U
117-84-0	Di-n-octyl phthalate	860	U
205-99-2	Benzo(b)fluoranthene	210	J
207-08-9	Benzo(k)fluoranthene	860	U
50-32-8	Benzo(a)pyrene	860	U
193-39-5	Indeno(1,2,3-cd)pyrene	860	U
53-70-3	Dibenzo(a,h)anthracene	860	U
191-24-2	Benzo(g,h,i)perylene	860	U

**SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET**  
**TENTATIVELY IDENTIFIED COMPOUNDS**

HYSGEC SAMPLE NO. 2X

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: U62601-46

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1269.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: 2

GPC Cleanup: (Y/N) \_\_\_\_\_

Number TICs found: 3

CONCENTRATION UNITS:

(µg/L or µg/Kg) µg/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	20.35	89	JB
2.	↓	23.75	92	↓
3.	↓	32.48	190	J
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FORM I-CLP-SV-TIC

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS16

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-49

Sample wt/vol: 30.036 (g/ml) G Lab File ID: A1307.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 18.4 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/09/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.62

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethylether)	410	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitrosodi-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-30	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-52	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxymethane)	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	47	J
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethyl phthalate	410	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	410	U
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U

Lab Name:	FRIEND LABORATORY, INC.		Contract:		3310
Lab Code:	10252	Case No.:		SAS No.:	SDG No.: PANAM
Matrix: (soil/water)	SOIL		Lab Sample ID: L62601-49		
Sample wt/vol:	30.036	(g/ml)	G	Lab File ID: A1307.D	
Level: (low/med)	LOW		Date Received: 01/12/01		
% Moisture:	18.4	decanted:(Y/N)	N	Date Extracted: 01/17/01	
Concentrated Extract Volume:	500	(uL)	Date Analyzed: 02/09/01		
Injection Volume:	2.0	(uL)	Dilution Factor: 1.0		
GPC Cleanup: (Y/N)	Y	pH:	7.62		

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
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84-66-2	Diethyl phthalate	410	U
7005-72-3	4-Chlorophenylphenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	2-Methyl-4-6-dinitrophenol	1000	U
86-30-6	n-Nitrosodiphenylamine	410	U
101-55-3	4-Bromophenylphenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	240	J
120-12-7	Anthracene	61	J
86-74-8	Carbazole	410	U
84-74-2	Di-n-butyl phthalate	410	U
206-44-0	Fluoranthene	420	
129-00-0	Pyrene	920	
85-68-7	Butylbenzyl phthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	280	J
218-01-9	Chrysene	270	J
117-81-7	bis-2-Ethylhexyl phthalate	150	J
117-84-0	Di-n-octyl phthalate	410	U
205-99-2	Benzo(b)fluoranthene	340	J
207-08-9	Benzo(k)fluoranthene	130	J
50-32-8	Benzo(a)pyrene	260	J
193-39-5	Indeno(1,2,3-cd)pyrene	190	J
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	190	J

1126-1204-4454

4/13/01

# SEMIVOLATILE ORGANICS ANALYSIS CONFIRMED TENTATIVELY IDENTIFIED COMPOUNDS

HYSDOC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

\_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SOG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-49

Sample w/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1307.2

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: 1

GPC Cleanup: (Y/N) \_\_\_\_\_

\_\_\_\_\_

CONCENTRATION UNITS:

(µg/L or µg/Kg) ug/kg

Number TICs found: 2

245667  
B.11  
2/9

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	20.27	240	JB
2.	↓	23.66	220	↓
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FORM 1-CLP-SV-TIC

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS16 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-49

Sample wt/vol: 30.036 (g/ml) G Lab File ID: A1284.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 18.4 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/07/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.62

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethylether)	410	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitrosodi-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-30	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-52	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxymethane)	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	51	J
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethyl phthalate	410	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	410	U
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS16 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-49

Sample wt/vol: 30.036 (g/ml) G Lab File ID: A1284.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 18.4 decanted: (Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/07/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.62

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	410	U
7005-72-3	4-Chlorophenylphenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	2-Methyl-4-6-dinitrophenol	1000	U
86-30-6	n-Nitrosodiphenylamine	410	U
101-55-3	4-Bromophenylphenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	250	J
120-12-7	Anthracene	65	J
86-74-8	Carbazole	410	U
84-74-2	Di-n-butyl phthalate	410	U
206-44-0	Fluoranthene	330	J
129-00-0	Pyrene	1300	
85-68-7	Butylbenzyl phthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	280	J
218-01-9	Chrysene	290	J
117-81-7	bis-2-Ethylhexyl phthalate	180	J
117-84-0	Di-n-octyl phthalate	410	U
205-99-2	Benzo(b)fluoranthene	400	J
207-08-9	Benzo(k)fluoranthene	100	J
50-32-8	Benzo(a)pyrene	280	J
193-39-5	Indeno(1,2,3-cd)pyrene	210	J
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	220	J

01680



SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO. \_\_\_\_\_

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-49

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1284.2

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (μL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (μL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

Number TICs found: \_\_\_\_\_

CONCENTRATION UNITS:

(μg/L or μg/mL) μg/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	20.27	330	JB
2.	↓	23.66	240	+
3.				
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FORM-1-CLP-SV-TIC

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS17

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-53

Sample wt/vol: 30.052 (g/ml) G Lab File ID: A1289.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 24.4 decanted: (Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/07/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.62

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	440	U
111-44-4	bis(2-Chloroethylether)	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-Nitrosodi-n-propylamine	440	U
67-72-1	Hexachloroethane	440	U
98-95-30	Nitrobenzene	440	U
78-59-1	Isophorone	440	U
88-75-52	2-Nitrophenol	440	U
105-67-9	2,4-Dimethylphenol	440	U
111-91-1	bis(2-Chloroethoxymethane)	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	Dimethyl phthalate	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
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

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS17

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-53

Sample wt/vol: 30.052 (g/ml) G Lab File ID: A1289.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 24.4 decanted: (Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/07/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.62

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-86-2	Diethyl phthalate	440	U
7005-72-3	4-Chlorophenylphenylether	440	U
86-73-7	Fluorene	440	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	2-Methyl-4-6-dinitrophenol	1100	U
86-30-6	n-Nitrosodiphenylamine	440	U
101-55-3	4-Bromophenylphenylether	440	U
118-74-1	Hexachlorobenzene	440	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	260	J
120-12-7	Anthracene	83	J
86-74-8	Carbazole	440	U
84-74-2	Di-n-butyl phthalate	440	U
206-44-0	Fluoranthene	770	
129-00-0	Pyrene	2700	
85-68-7	Butylbenzyl phthalate	440	U
91-94-1	3,3'-Dichlorobenzidine	440	U
56-55-3	Benzo(a)anthracene	860	
218-01-9	Chrysene	870	
117-81-7	bis-2-Ethylhexyl phthalate	200	J
117-84-0	Di-n-octyl phthalate	440	U
205-99-2	Benzo(b)fluoranthene	1200	
207-08-9	Benzo(k)fluoranthene	330	J
50-32-8	Benzo(a)pyrene	870	
193-39-5	Indeno(1,2,3-cd)pyrene	590	
53-70-3	Dibenzo(a,h)anthracene	130	J
191-24-2	Benzo(g,h,i)perylene	570	

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

NYSOEC SAMPLE NO. \_\_\_\_\_

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SUG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: U62601-53

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1289.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

Number TICs found: 7

CONCENTRATION UNITS:

(µg/L or µg/Kg) µg/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	17.08	97	J
2.		20.17	300	JB
3.		23.56	240	↓
4.		24.47	140	J
5.		24.59	140	JB
6.		27.30	220	J
7.		32.28	270	↓
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FORM-1-CLP-SV-TIC

1/15, 2/9/01

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS17 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-53

Sample wt/vol: 30.052 (g/ml) G Lab File ID: A1301.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 24.4 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/08/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.62

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	440	U
111-44-4	bis(2-Chloroethylether)	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-Nitrosodi-n-propylamine	440	U
67-72-1	Hexachloroethane	440	U
98-95-30	Nitrobenzene	440	U
78-59-1	Isophorone	440	U
88-75-52	2-Nitrophenol	440	U
105-67-9	2,4-Dimethylphenol	440	U
111-91-1	bis(2-Chloroethoxymethane)	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	Dimethyl phthalate	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
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

01720

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS17 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-53

Sample wt/vol: 30.052 (g/ml) G Lab File ID: A1301.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 24.4 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/08/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.62

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	440	U
7005-72-3	4-Chlorophenylphenylether	440	U
86-73-7	Fluorene	440	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	2-Methyl-4-6-dinitrophenol	1100	U
86-30-6	n-Nitrosodiphenylamine	440	U
101-55-3	4-Bromophenylphenylether	440	U
118-74-1	Hexachlorobenzene	440	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	240	J
120-12-7	Anthracene	82	J
86-74-8	Carbazole	440	U
84-74-2	Di-n-butyl phthalate	440	U
206-44-0	Fluoranthene	870	
129-00-0	Pyrene	2700	
85-68-7	Butylbenzyl phthalate	440	U
91-94-1	3,3'-Dichlorobenzidine	440	U
56-55-3	Benzo(a)anthracene	840	
218-01-9	Chrysene	810	
117-81-7	bis-2-Ethylhexyl phthalate	220	J
117-84-0	Di-n-octyl phthalate	440	U
205-99-2	Benzo(b)fluoranthene	1200	
207-08-9	Benzo(k)fluoranthene	430	J
50-32-8	Benzo(a)pyrene	880	
193-39-5	Indeno(1,2,3-cd)pyrene	550	
53-70-3	Dibenzo(a,h)anthracene	110	J
191-24-2	Benzo(g,h,i)perylene	490	

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4/3/01

## TENTATIVELY IDENTIFIED COMPOUNDS

HYSOEC SAMPLE NO.

Confirmation

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SUG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-53

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1301.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (μL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (μL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_Number TICs found: 7

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	20.17	<del>1600</del> 320	JB ✓
2.		23.55	<del>1000</del> 210	↓ ✓
3.		24.46	140	J ✓
4.		25.58	130	JB ✓
5.		27.28	200	J ✓
6.		36.83	180	↓ ✓
7.		32.27	280	↓ ✓
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FORM I-CLP-SV-TIC

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-18

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-56

Sample wt/vol: 30.071 (g/ml) G Lab File ID: A1329.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 12.6 decanted: (Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/12/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.52

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	380	U	C
111-44-4	bis(2-Chloroethylether)	380	U	
95-57-8	2-Chlorophenol	380	U	C
541-73-1	1,3-Dichlorobenzene	380	U	
106-46-7	1,4-Dichlorobenzene	380	U	C
95-50-1	1,2-Dichlorobenzene	380	U	
95-48-7	2-Methylphenol	380	U	C
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U	
106-44-5	4-Methylphenol	380	U	C
621-64-7	N-Nitrosodi-n-propylamine	380	U	
67-72-1	Hexachloroethane	380	U	C
98-95-30	Nitrobenzene	380	U	
78-59-1	Isophorone	380	U	C
88-75-52	2-Nitrophenol	380	U	
105-67-9	2,4-Dimethylphenol	380	U	C
111-91-1	bis(2-Chloroethoxymethane)	380	U	
120-83-2	2,4-Dichlorophenol	380	U	C
120-82-1	1,2,4-Trichlorobenzene	380	U	
91-20-3	Naphthalene	86	J	C
106-47-8	4-Chloroaniline	380	U	
87-68-3	Hexachlorobutadiene	380	U	C
59-50-7	4-Chloro-3-methylphenol	380	U	
91-57-6	2-Methylnaphthalene	95	J	C
77-47-4	Hexachlorocyclopentadiene	380	U	
88-06-2	2,4,6-Trichlorophenol	380	U	C
95-95-4	2,4,5-Trichlorophenol	950	U	
91-58-7	2-Chloronaphthalene	380	U	C
88-74-4	2-Nitroaniline	950	U	
131-11-3	Dimethyl phthalate	380	U	C
208-96-8	Acenaphthylene	380	U	
606-20-2	2,6-Dinitrotoluene	380	U	C
99-09-2	3-Nitroaniline	950	U	
83-32-9	Acenaphthene	75	J	C
51-28-5	2,4-Dinitrophenol	950	U	
100-02-7	4-Nitrophenol	950	U	C
132-64-9	Dibenzofuran	86	J	
121-14-2	2,4-Dinitrotoluene	380	U	C

FAT  
4/3/01



Lab Name:	FRIEND LABORATORY, INC.		Contract:	
Lab Code:	10252	Case No.:	SAS No.:	SDG No.: PANAM
Matrix: (soil/water)	SOIL		Lab Sample ID:	L62601-56
Sample wt/vol:	30.071	(g/ml)	G	Lab File ID: A1329.D
Level: (low/med)	LOW		Date Received:	01/12/01
% Moisture:	12.6	decanted:(Y/N)	N	Date Extracted: 01/17/01
Concentrated Extract Volume:	500	(uL)	Date Analyzed:	02/12/01
Injection Volume:	2.0	(uL)	Dilution Factor:	1.0
GPC Cleanup: (Y/N)	Y	pH:	7.52	

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
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84-66-2	Diethyl phthalate	380	U
7005-72-3	4-Chlorophenylphenylether	380	U
86-73-7	Fluorene	110	J
100-01-6	4-Nitroaniline	950	U
534-52-1	2-Methyl-4,6-dinitrophenol	950	U
86-30-6	n-Nitrosodiphenylamine	380	U
101-55-3	4-Bromophenylphenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	950	U
85-01-8	Phenanthrene	890	
120-12-7	Anthracene	240	J
86-74-8	Carbazole	380	U
84-74-2	Di-n-butyl phthalate	96	J
206-44-0	Fluoranthene	460	
129-00-0	Pyrene	1700	
85-68-7	Butylbenzyl phthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	490	
218-01-9	Chrysene	450	
117-81-7	bis-2-Ethylhexyl phthalate	380	U
117-84-0	Di-n-octyl phthalate	380	U
205-99-2	Benzo(b)fluoranthene	480	
207-08-9	Benzo(k)fluoranthene	160	J
50-32-8	Benzo(a)pyrene	390	
193-39-5	Indeno(1,2,3-cd)pyrene	340	J
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	450	

4/13/01

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: LL62601-56

Sample w/vol: \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: A1329.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (μL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (μL)

Dilution Factor: 1

GPC Cleanup: (Y/N) \_\_\_\_\_

SEC: \_\_\_\_\_

Number TICs found: 13

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	13.76	360	J
2.		17.34	130	
3.		18.85	89	
4.		19.04	94	
5.		19.28	110	
6.		19.36	77	
7.		19.63	78	
8.		20.14	320	JB
9.		20.54	77	J
10.		23.53	200	JB
11.		23.64	87	J
12.		24.59	250	
13.		26.45	120	
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FORM-CLP-SV-TIC

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-18 DL

Lab Name: FRIEND LABORATORY, INC.

Contract: \_\_\_\_\_

Lab Code: 10252

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: PANAM

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-56, 10X

Sample wt/vol: 30.071 (g/ml) G

Lab File ID: A1319.D

Level: (low/med) LOW

Date Received: 01/12/01

% Moisture: 12.6 decanted:(Y/N) N

Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 02/09/01

Injection Volume: 2.0 (uL)

Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.52

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	3800	U
111-44-4	bis(2-Chloroethylether)	3800	U
95-57-8	2-Chlorophenol	3800	U
541-73-1	1,3-Dichlorobenzene	3800	U
106-46-7	1,4-Dichlorobenzene	3800	U
95-50-1	1,2-Dichlorobenzene	3800	U
95-48-7	2-Methylphenol	3800	U
108-60-1	2,2'-oxybis(1-Chloropropane)	3800	U
106-44-5	4-Methylphenol	3800	U
621-64-7	N-Nitrosodi-n-propylamine	3800	U
67-72-1	Hexachloroethane	3800	U
98-95-30	Nitrobenzene	3800	U
78-59-1	Isophorone	3800	U
88-75-52	2-Nitrophenol	3800	U
105-67-9	2,4-Dimethylphenol	3800	U
111-91-1	bis(2-Chloroethoxymethane)	3800	U
120-83-2	2,4-Dichlorophenol	3800	U
120-82-1	1,2,4-Trichlorobenzene	3800	U
91-20-3	Naphthalene	3800	U
106-47-8	4-Chloroaniline	3800	U
87-68-3	Hexachlorobutadiene	3800	U
59-50-7	4-Chloro-3-methylphenol	3800	U
91-57-6	2-Methylnaphthalene	3800	U
77-47-4	Hexachlorocyclopentadiene	3800	U
88-06-2	2,4,6-Trichlorophenol	3800	U
95-95-4	2,4,5-Trichlorophenol	9500	U
91-58-7	2-Chloronaphthalene	3800	U
88-74-4	2-Nitroaniline	9500	U
131-11-3	Dimethyl phthalate	3800	U
208-96-8	Acenaphthylene	3800	U
606-20-2	2,6-Dinitrotoluene	3800	U
99-09-2	3-Nitroaniline	9500	U
83-32-9	Acenaphthene	3800	U
51-28-5	2,4-Dinitrophenol	9500	U
100-02-7	4-Nitrophenol	9500	U
132-64-9	Dibenzofuran	3800	U
121-14-2	2,4-Dinitrotoluene	3800	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-18 DL

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-56, 10X

Sample wt/vol: 30.071 (g/ml) G Lab File ID: A1319.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 12.6 decanted: (Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/09/01

Injection Volume: 2.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.52

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	3800	U
7005-72-3	4-Chlorophenylphenylether	3800	U
86-73-7	Fluorene	3800	U
100-01-6	4-Nitroaniline	9500	U
534-52-1	2-Methyl-4-6-dinitrophenol	9500	U
86-30-6	n-Nitrosodiphenylamine	3800	U
101-55-3	4-Bromophenylphenylether	3800	U
118-74-1	Hexachlorobenzene	3800	U
87-86-5	Pentachlorophenol	9500	U
85-01-8	Phenanthrene	880	JD
120-12-7	Anthracene	3800	U
86-74-8	Carbazole	3800	U
84-74-2	Di-n-butyl phthalate	3800	U
206-44-0	Fluoranthene	<del>3800</del>	<del>U</del>
129-00-0	Pyrene	<del>3800</del>	<del>U</del>
85-68-7	Butylbenzyl phthalate	3800	U
91-94-1	3,3'-Dichlorobenzidine	3800	U
56-55-3	Benzo(a)anthracene	490	JD
218-01-9	Chrysene	450	JD
117-81-7	bis-2-Ethylhexyl phthalate	3800	U
117-84-0	Di-n-octyl phthalate	3800	U
205-99-2	Benzo(b)fluoranthene	<del>500</del>	<del>JD</del>
207-08-9	Benzo(k)fluoranthene	3800	U
50-32-8	Benzo(a)pyrene	480	JD
193-39-5	Indeno(1,2,3-cd)pyrene	3800	U
53-70-3	Dibenzo(a,h)anthracene	3800	U
191-24-2	Benzo(g,h,i)perylene	3800	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO. \_\_\_\_\_

Confirmation

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: 1162601-56

Sample wt/vol: \_\_\_\_\_ (g/ml)

Lab File ID: A1319.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

Number TICs found: 0

CONCENTRATION UNITS:

(µg/L or mg/kg) ug/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.				
2.				
3.				
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FORM 1-CLP-SV-TIC

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

PG-SM

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-58

Sample wt/vol: 30.059 (g/ml) G Lab File ID: A1341.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 22.7 decanted: (Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/13/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.57

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethylether)	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-Nitrosodi-n-propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-30	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-52	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
111-91-1	bis(2-Chloroethoxymethane)	430	U
120-83-2	2,4-Dichlorophenol	430	U
120-82-1	1,2,4-Trichlorobenzene	430	U
91-20-3	Naphthalene	130	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	1100	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethyl phthalate	430	U
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	95	J
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	77	J
121-14-2	2,4-Dinitrotoluene	430	U

NYSDEC SAMPLE NO.

**PG-SM**

**CONCENTRATION UNITS:**

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
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84-66-2	Diethyl phthalate	430	U
7005-72-3	4-Chlorophenylphenylether	430	U
86-73-7	Fluorene	79	J
100-01-6	4-Nitroaniline	1100	U
534-52-1	2-Methyl-4-6-dinitrophenol	1100	U
86-30-6	n-Nitrosodiphenylamine	430	U
101-55-3	4-Bromophenylphenylether	430	U
118-74-1	Hexachlorobenzene	430	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1000	
120-12-7	Anthracene	250	J
86-74-8	Carbazole	75	J
84-74-2	Di-n-butyl phthalate	430	U
206-44-0	Fluoranthene	900	
129-00-0	Pyrene	3300	
85-68-7	Butylbenzyl phthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	430	U
56-55-3	Benzo(a)anthracene	1000	
218-01-9	Chrysene	1000	
117-81-7	bis-2-Ethylhexyl phthalate	450	
117-84-0	Di-n-octyl phthalate	430	U
205-99-2	Benzo(b)fluoranthene	1600	
207-08-9	Benzo(k)fluoranthene	480	
50-32-8	Benzo(a)pyrene	1300	
193-39-5	Indeno(1,2,3-cd)pyrene	1400	
53-70-3	Dibenzo(a,h)anthracene	430	U
191-24-2	Benzo(g,h,i)perylene	1700	

1200-470-4604

785  
4/13/01

01791

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

NYSDOC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SOG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-58

Sample wt/vol: \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: A1341.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (μL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (μL)

Dilution Factor: 1

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

Number TICs found: 15

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/kgR4594φ  
B-11  
2/14

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown (PAH)	17.27	120	J
2.		18.78	96	J
3.		20.06	390	JB
4.		23.45	340	J
5.		23.56	130	J
6.		23.94	96	J
7.		24.17	98	J
8.		24.36	180	JB
9.		24.49	260	J
10.		24.81	96	J
11.		26.35	150	J
12.	(PAH)	26.51	110	J
13.	(u)	26.54	150	J
14.		27.64	94	J
15.		28.89	110	J
16.				
17.				
18.				
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FORM I-CLP-SV-TIC

✓ 15, 2/14/01



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

PG-SM RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-58

Sample wt/vol: 30.059 (g/ml) G Lab File ID: A1331.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 22.7 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/12/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.57

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethylether)	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-Nitrosodi-n-propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-30	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-52	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
111-91-1	bis(2-Chloroethoxymethane)	430	U
120-83-2	2,4-Dichlorophenol	430	U
120-82-1	1,2,4-Trichlorobenzene	430	U
91-20-3	Naphthalene	130	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	75	J
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethyl phthalate	430	U
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	93	J
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	77	J
121-14-2	2,4-Dinitrotoluene	430	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

PG-SM RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-58

Sample wt/vol: 30.059 (g/ml) G Lab File ID: A1331.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 22.7 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/12/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.57

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	430	U
7005-72-3	4-Chlorophenylphenylether	430	U
86-73-7	Fluorene	80	J
100-01-6	4-Nitroaniline	1100	U
534-52-1	2-Methyl-4-6-dinitrophenol	1100	U
86-30-6	n-Nitrosodiphenylamine	430	U
101-55-3	4-Bromophenylphenylether	430	U
118-74-1	Hexachlorobenzene	430	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1000	
120-12-7	Anthracene	250	J
86-74-8	Carbazole	65	J
84-74-2	Di-n-butyl phthalate	430	U
206-44-0	Fluoranthene	740	
129-00-0	Pyrene	4000	E
85-68-7	Butylbenzyl phthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	430	U
56-55-3	Benzo(a)anthracene	1100	
218-01-9	Chrysene	980	
117-81-7	bis-2-Ethylhexyl phthalate	550	
117-84-0	Di-n-octyl phthalate	430	U
205-99-2	Benzo(b)fluoranthene	1400	
207-08-9	Benzo(k)fluoranthene	580	
50-32-8	Benzo(a)pyrene	1300	
193-39-5	Indeno(1,2,3-cd)pyrene	1400	
53-70-3	Dibenzo(a,h)anthracene	430	U
191-24-2	Benzo(g,h,i)perylene	1700	

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-58

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1331.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (μL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (μL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

CONCENTRATION UNITS:

Number TICs found: 17(μg/L or μg/Kg) ug/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	17.37	130	J
2.		18.87	98	↓
3.		20.16	390	JB
4.		20.56	95	J
5.		23.56	390	JB
6.		23.66	160	J
7.		24.65	100	JB
8.		24.29	120	J
9.		24.48	330	JB
10.		24.59	280	J
11.		24.97	100	
12.		26.45	190	
13.	(PAH)	26.62	110	
14.	( " )	26.70	130	
15.	( " )	26.86	100	
16.		27.75	110	
17.		28.99	110	
18.				
19.				
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21.				
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30.				

FORM 1-CLP-SV-TIC

my, 2/15/01

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

PG-NM

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-59

Sample wt/vol: 30.001 (g/ml) G Lab File ID: A1267.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 24.2 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/06/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.46

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	440	U
111-44-4	bis(2-Chloroethylether)	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-Nitrosodi-n-propylamine	440	U
67-72-1	Hexachloroethane	440	U
98-95-30	Nitrobenzene	440	U
78-59-1	Isophorone	440	U
88-75-52	2-Nitrophenol	440	U
105-67-9	2,4-Dimethylphenol	440	U
111-91-1	bis(2-Chloroethoxymethane)	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	Dimethyl phthalate	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
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

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

PG-NM

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-59

Sample wt/vol: 30.001 (g/ml) G Lab File ID: A1267.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 24.2 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/06/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.46

CONCENTRATION UNITS:

CAS NO.                      COMPOUND                      (ug/L or ug/Kg) UG/KG                      Q

84-66-2	Diethyl phthalate	440	U
7005-72-3	4-Chlorophenylphenylether	440	U
86-73-7	Fluorene	440	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	2-Methyl-4,6-dinitrophenol	1100	U
86-30-6	n-Nitrosodiphenylamine	440	U
101-55-3	4-Bromophenylphenylether	440	U
118-74-1	Hexachlorobenzene	440	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	120	J
120-12-7	Anthracene	440	U
86-74-8	Carbazole	440	U
84-74-2	Di-n-butyl phthalate	440	U
206-44-0	Fluoranthene	240	J
129-00-0	Pyrene	440	U
85-68-7	Butylbenzyl phthalate	440	U
91-94-1	3,3'-Dichlorobenzidine	440	U
56-55-3	Benzo(a)anthracene	100	J
218-01-9	Chrysene	110	J
117-81-7	bis-2-Ethylhexyl phthalate	330	J
117-84-0	Di-n-octyl phthalate	440	U
205-99-2	Benzo(b)fluoranthene	160	J
207-08-9	Benzo(k)fluoranthene	70	J
50-32-8	Benzo(a)pyrene	100	J
193-39-5	Indeno(1,2,3-cd)pyrene	440	U
53-70-3	Dibenzo(a,h)anthracene	440	U
191-24-2	Benzo(g,h,i)perylene	440	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO. \_\_\_\_\_

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-59

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1267-d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

PH: \_\_\_\_\_

Number TICs found: 8

CONCENTRATION UNITS:

(µg/L or mg/kg) µg/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	11.25	110	J
2.		20.33	350	JB
3.		23.74	220	
4.		24.65	130	↓
5.		30.21	140	J
6.		34.20	100	
7.		36.94	390	↓
8.		39.46	220	↓
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FORM 1-CLP-SV-TIC

*vrj* 2/8/01

*2/8/01*

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-TP16

TP16-17

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Matrix: (soil/water) SOIL Lab Sample ID: L62601-60  
 Sample wt/vol: 30.013 (g/ml) G Lab File ID: B1752.D  
 Level: (low/med) LOW Date Received: 01/12/01  
 % Moisture: 18.8 decanted:(Y/N) N Date Extracted: 01/17/01  
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/19/01  
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0  
 GPC Cleanup: (Y/N) Y pH: 8.32

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethylether)	410	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitrosodi-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-30	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-52	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxymethane)	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethyl phthalate	410	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	410	U
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U

NYSDEC SAMPLE NO.

~~IP-IP46~~

TP16-17

**CONCENTRATION UNITS:**

84-66-2	Diethyl phthalate	410	U
7005-72-3	4-Chlorophenylphenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	2-Methyl-4,6-dinitrophenol	1000	U
86-30-6	n-Nitrosodiphenylamine	410	U
101-55-3	4-Bromophenylphenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	74	J
120-12-7	Anthracene	410	U
86-74-8	Carbazole	410	U
84-74-2	Di-n-butyl phthalate	85	J
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	270	J
85-68-7	Butylbenzyl phthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	110	J
218-01-9	Chrysene	150	J
117-81-7	bis-2-Ethylhexyl phthalate	140	J
117-84-0	Di-n-octyl phthalate	410	U
205-99-2	Benzo(b)fluoranthene	130	J
207-08-9	Benzo(k)fluoranthene	87	J
50-32-8	Benzo(a)pyrene	150	J
193-39-5	Indeno(1,2,3-cd)pyrene	410	U
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	410	U

01887



SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDOC SAMPLE NO. \_\_\_\_\_

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-60

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: B1752.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: 1

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

Number TICs found: 3

CONCENTRATION UNITS:

(µg/L or µg/Kg) ug/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	G
1.	Unknown	18.85	110	J
2.	↓	19.94	160	JB
3.	↓	23.32	160	↓
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2.20.01

FORM 1-CLP-SV-TIC

*Handwritten:* 10, 2/20/01

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-TP16 DL

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-60, 5X

Sample wt/vol: 30.013 (g/ml) G Lab File ID: B1742.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 18.8 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/16/01

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 8.32

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	2100	U
111-44-4	bis(2-Chloroethylether)	2100	U
95-57-8	2-Chlorophenol	2100	U
541-73-1	1,3-Dichlorobenzene	2100	U
106-46-7	1,4-Dichlorobenzene	2100	U
95-50-1	1,2-Dichlorobenzene	2100	U
95-48-7	2-Methylphenol	2100	U
108-60-1	2,2'-oxybis(1-Chloropropane)	2100	U
106-44-5	4-Methylphenol	2100	U
621-64-7	N-Nitrosodi-n-propylamine	2100	U
67-72-1	Hexachloroethane	2100	U
98-95-30	Nitrobenzene	2100	U
78-59-1	Isophorone	2100	U
88-75-52	2-Nitrophenol	2100	U
105-67-9	2,4-Dimethylphenol	2100	U
111-91-1	bis(2-Chloroethoxymethane)	2100	U
120-83-2	2,4-Dichlorophenol	2100	U
120-82-1	1,2,4-Trichlorobenzene	2100	U
91-20-3	Naphthalene	2100	U
106-47-8	4-Chloroaniline	2100	U
87-68-3	Hexachlorobutadiene	2100	U
59-50-7	4-Chloro-3-methylphenol	2100	U
91-57-6	2-Methylnaphthalene	2100	U
77-47-4	Hexachlorocyclopentadiene	2100	U
88-06-2	2,4,6-Trichlorophenol	2100	U
95-95-4	2,4,5-Trichlorophenol	5100	U
91-58-7	2-Chloronaphthalene	2100	U
88-74-4	2-Nitroaniline	5100	U
131-11-3	Dimethyl phthalate	2100	U
208-96-8	Acenaphthylene	2100	U
606-20-2	2,6-Dinitrotoluene	2100	U
99-09-2	3-Nitroaniline	5100	U
83-32-9	Acenaphthene	2100	U
51-28-5	2,4-Dinitrophenol	5100	U
100-02-7	4-Nitrophenol	5100	U
132-64-9	Dibenzofuran	2100	U
121-14-2	2,4-Dinitrotoluene	2100	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-TP16 DL

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-60, 5X

Sample wt/vol: 30.013 (g/ml) G Lab File ID: B1742.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 18.8 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/16/01

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 8.32

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	2100	U
7005-72-3	4-Chlorophenylphenylether	2100	U
86-73-7	Fluorene	2100	U
100-01-6	4-Nitroaniline	5100	U
534-52-1	2-Methyl-4-6-dinitrophenol	5100	U
86-30-6	n-Nitrosodiphenylamine	2100	U
101-55-3	4-Bromophenylphenylether	2100	U
118-74-1	Hexachlorobenzene	2100	U
87-86-5	Pentachlorophenol	5100	U
85-01-8	Phenanthrene	2100	U
120-12-7	Anthracene	2100	U
86-74-8	Carbazole	2100	U
84-74-2	Di-n-butyl phthalate	2100	U
206-44-0	Fluoranthene	2100	U
129-00-0	Pyrene	430	JD
85-68-7	Butylbenzyl phthalate	2100	U
91-94-1	3,3'-Dichlorobenzidine	2100	U
56-55-3	Benzo(a)anthracene	2100	U
218-01-9	Chrysene	2100	U
117-81-7	bis-2-Ethylhexyl phthalate	2100	U
117-84-0	Di-n-octyl phthalate	2100	U
205-99-2	Benzo(b)fluoranthene	2100	U
207-08-9	Benzo(k)fluoranthene	2100	U
50-32-8	Benzo(a)pyrene	2100	U
193-39-5	Indeno(1,2,3-cd)pyrene	2100	U
53-70-3	Dibenzo(a,h)anthracene	2100	U
191-24-2	Benzo(g,h,i)perylene	2100	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

NYSOEC SAMPLE NO. \_\_\_\_\_

5X

Lab Name: \_\_\_\_\_ Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_ Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SUG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-60

Sample wt/vol: \_\_\_\_\_ (g/ml) \_\_\_\_\_

Lab File ID: B1742.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µl)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µl)

Dilution Factor: 5

GPC Cleanup: (Y/N) \_\_\_\_\_

Number TICs found: 1

CONCENTRATION UNITS:

(µg/L or µg/Kg) ug/kg

*not reportable*

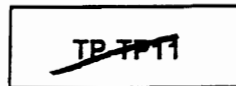
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	29.85	890	J
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FORM-1-CLP-SV-TIC

*10, 2 / 19/01*

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.



TP 11-19

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Matrix: (soil/water) SOIL Lab Sample ID: L62601-61  
 Sample wt/vol: 30.038 (g/ml) G Lab File ID: A1315.D  
 Level: (low/med) LOW Date Received: 01/12/01  
 % Moisture: 15 decanted:(Y/N) N Date Extracted: 01/17/01  
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/09/01  
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0  
 GPC Cleanup: (Y/N) Y pH: 8.18

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethylether)	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitrosodi-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-30	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-52	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxymethane)	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	130	J
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	120	J
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	980	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethyl phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	980	U
83-32-9	Acenaphthene	81	J
51-28-5	2,4-Dinitrophenol	980	U
100-02-7	4-Nitrophenol	980	U
132-64-9	Dibenzofuran	69	J
121-14-2	2,4-Dinitrotoluene	390	U

~~TP-IP11~~

TAI-19

Lab Sample ID: L62601-61

Lab File ID: A1315.D

**Date Received: 01/12/01**

**Date Extracted: 01/17/01**

**Date Analyzed: 02/09/01**

Dilution Factor: 1.0

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
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84-66-2	Diethyl phthalate	390	U
7005-72-3	4-Chlorophenylphenylether	390	U
86-73-7	Fluorene	77	J
100-01-6	4-Nitroaniline	980	U
534-52-1	2-Methyl-4-6-dinitrophenol	980	U
86-30-6	n-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenylphenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	980	U
85-01-8	Phenanthrene	740	
120-12-7	Anthracene	190	J
86-74-8	Carbazole	54	J
84-74-2	Di-n-butyl phthalate	390	U
206-44-0	Fluoranthene	820	
129-00-0	Pyrene	2300	
85-68-7	Butylbenzyl phthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	650	
218-01-9	Chrysene	730	
117-81-7	bis-2-Ethylhexyl phthalate	280	J
117-84-0	Di-n-octyl phthalate	390	U
205-99-2	Benzo(b)fluoranthene	1000	
207-08-9	Benzo(k)fluoranthene	300	J
50-32-8	Benzo(a)pyrene	710	
193-39-5	Indeno(1,2,3-cd)pyrene	480	
53-70-3	Dibenzo(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	460	

12345678910111213141516171819202122232425262728293031323334353637383940414243444546474849505152535455565758596061626364656667686970717273747576777879808182838485868788899091929394959697989910010110210310410510610710810911011111211311411511611711811912012112212312412512612712812913013113213313413513613713813914014114214314414514614714814915015115215315415515615715815916016116216316416516616716816917017117217317417517617717817918018118218318418518618718818919019119219319419519619719819920020120220320420520620720820921021121221321421521621721821922022122222322422522622722822923023123223323423523623723823924024124224324424524624724824925025125225325425525625725825926026126226326426526626726826927027127227327427527627727827928028128228328428528628728828929029129229329429529629729829930030130230330430530630730830931031131231331431531631731831932032132232332432532632732832933033133233333433533633733833934034134234334434534634734834935035135235335435535635735835936036136236336436536636736836937037137237337437537637737837938038138238338438538638738838939039139239339439539639739839940040140240340440540640740840941041141241341441541641741841942042142242342442542642742842943043143243343443543643743843944044144244344444544644744844945045145245345445545645745845946046146246346446546646746846947047147247347447547647747847948048148248348448548648748848949049149249349449549649749849950050150250350450550650750850951051151251351451551651751851952052152252352452552652752852953053153253353453553653753853954054154254354454554654754854955055155255355455555655755855956056156256356456556656756856957057157257357457557657757857958058158258358458558658758858959059159259359459559659759859960060160260360460560660760860961061161261361461561661761861962062162262362462562662762862963063163263363463563663763863964064164264364464564664764864965065165265365465565665765865966066166266366466566666766866967067167267367467567667767867968068168268368468568668768868969069169269369469569669769869970070170270370470570670770870971071171271371471571671771871972072172272372472572672772872973073173273373473573673773873974074174274374474574674774874975075175275375475575675775875976076176276376476576676776876977077177277377477577677777877978078178278378478578678778878979079179279379479579679779879980080180280380480580680780880981081181281381481581681781881982082182282382482582682782882983083183283383483583683783883984084184284384484584684784884985085185285385485585685785885986086186286386486586686786886987087187287387487587687787887988088188288388488588688788888989089189289389489589689789889990090190290390490590690790890991091191291391491591691791891992092192292392492592692792892993093193293393493593693793893994094194294394494594694794894995095195295395495595695795895996096196296396496596696796896997097197297397497597697797897998098198298398498598698798898999099199299399499599699799899910001001100210031004100510061007100810091010101110121013101410151016101710181019102010211022102310241025102610271028102910301031103210331034103510361037103810391040104110421043104410451046104710481049105010511052105310541055105610571058105910601061106210631064106510661067106810691070107110721073107410751076107710781079108010811082108310841085108610871088108910901091109210931094109510961097109810991100110111021103110411051106110711081109111011111112111311141115111611171118111911201121112211231124112511261127112811291130113111321133113411351136113711381139114011411142114311441145114611471148114911501151115211531154115511561157115811591160116111621163116411651166116711681169117011711172117311741175117611771178117911801181118211831184118511861187118811891190119111921193119411951196119711981199120012011202120312041205120612071208120912101211121212131214121512161217121812191220122112221223122412251226122712281229123012311232123312341235123612371238123912401241124212431244124512461247124812491250125112521253125412551256125712581259126012611262126312641265126612671268126912701271127212731274127512761277127812791280128112821283128412851286128712881289129012911292129312941295129612971298129913001

4/13/01

**SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET**  
**TENTATIVELY IDENTIFIED COMPOUNDS**

HYSDOC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-61

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1315.2

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: 1

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

CONCENTRATION UNITS:

(µg/L or µg/Kg) µg/Kg

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.	Unknown	18.97	130	J ✓
2.	↓	23.81	300	↓ ✓
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FORM 1-CLP-SV-TIC

*Vby* 2/12/01

*2/12/01*  
01917

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-TP11 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-61

Sample wt/vol: 30.038 (g/ml) G Lab File ID: A1290.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 15 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/07/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.18

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethylether)	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitrosodi-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-30	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-52	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxymethane)	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	130	J
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	120	J
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	980	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethyl phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	980	U
83-32-9	Acenaphthene	82	J
51-28-5	2,4-Dinitrophenol	980	U
100-02-7	4-Nitrophenol	980	U
132-64-9	Dibenzofuran	70	J
121-14-2	2,4-Dinitrotoluene	390	U



1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-TP11 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-61

Sample wt/vol: 30.038 (g/ml) G Lab File ID: A1290.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 15 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/07/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.18

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	390	U
7005-72-3	4-Chlorophenylphenylether	390	U
86-73-7	Fluorene	82	J
100-01-6	4-Nitroaniline	980	U
534-52-1	2-Methyl-4-6-dinitrophenol	980	U
86-30-6	n-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenylphenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	980	U
85-01-8	Phenanthrene	760	
120-12-7	Anthracene	200	J
86-74-8	Carbazole	60	J
84-74-2	Di-n-butyl phthalate	390	U
206-44-0	Fluoranthene	820	
129-00-0	Pyrene	2500	
85-68-7	Butylbenzyl phthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	690	
218-01-9	Chrysene	710	
117-81-7	bis-2-Ethylhexyl phthalate	300	J
117-84-0	Di-n-octyl phthalate	390	U
205-99-2	Benzo(b)fluoranthene	930	
207-08-9	Benzo(k)fluoranthene	280	J
50-32-8	Benzo(a)pyrene	700	
193-39-5	Indeno(1,2,3-cd)pyrene	570	
53-70-3	Dibenzo(a,h)anthracene	120	J
191-24-2	Benzo(g,h,i)perylene	510	

01937

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

NYSDOC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: 462601-61

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1290.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

DRI: \_\_\_\_\_

CONCENTRATION UNITS:

Number TICs found: 0

(µg/L or µg/Kg) \_\_\_\_\_

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	G
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FORM 1-CLP-SV-TIC

SD, 2/4/01

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

BG-N<sub>2</sub> *SW*

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-64

Sample wt/vol: 30.003 (g/ml) G Lab File ID: A1288.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 20.5 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/07/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.15

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethylether)	420	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
106-46-7	1,4-Dichlorobenzene	420	U
95-50-1	1,2-Dichlorobenzene	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	2,2'-oxybis(1-Chloropropane)	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitrosodi-n-propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-30	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-52	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
111-91-1	bis(2-Chloroethoxymethane)	420	U
120-83-2	2,4-Dichlorophenol	420	U
120-82-1	1,2,4-Trichlorobenzene	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethyl phthalate	420	U
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	420	U
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	420	U
121-14-2	2,4-Dinitrotoluene	420	U

01956

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

BG-N-<sup>56</sup>JW

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Matrix: (soil/water) SOIL Lab Sample ID: L62601-64  
 Sample wt/vol: 30.003 (g/ml) G Lab File ID: A1288.D  
 Level: (low/med) LOW Date Received: 01/12/01  
 % Moisture: 20.5 decanted: (Y/N) N Date Extracted: 01/17/01  
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/07/01  
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0  
 GPC Cleanup: (Y/N) Y pH: 8.15

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	420	U
7005-72-3	4-Chlorophenylphenylether	420	U
86-73-7	Fluorene	420	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	2-Methyl-4-6-dinitrophenol	1000	U
86-30-6	n-Nitrosodiphenylamine	420	U
101-55-3	4-Bromophenylphenylether	420	U
118-74-1	Hexachlorobenzene	420	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	230	J
120-12-7	Anthracene	48	J
86-74-8	Carbazole	420	U
84-74-2	Di-n-butyl phthalate	420	U
206-44-0	Fluoranthene	310	J
129-00-0	Pyrene	730	
85-68-7	Butylbenzyl phthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	420	U
56-55-3	Benzo(a)anthracene	180	J
218-01-9	Chrysene	190	J
117-81-7	bis-2-Ethylhexyl phthalate	350	J
117-84-0	Di-n-octyl phthalate	420	U
205-99-2	Benzo(b)fluoranthene	240	J
207-08-9	Benzo(k)fluoranthene	bb	J
50-32-8	Benzo(a)pyrene	170	J
193-39-5	Indeno(1,2,3-cd)pyrene	420	U
53-70-3	Dibenzo(a,h)anthracene	420	U
191-24-2	Benzo(g,h,i)perylene	130	J

MS-420  
4B/10

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

NYSDOC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-64

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1288.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

CONCENTRATION UNITS:

Number TICs found: D

(µg/L or µg/Kg) \_\_\_\_\_

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	G
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FGPM I-CLP-SV-TIC

*July 2/9/01*

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

**BG-N-JW RE**

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-64

Sample wt/vol: 30.003 (g/ml) G Lab File ID: A1308.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 20.5 decanted: (Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/09/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.15

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethylether)	420	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
106-46-7	1,4-Dichlorobenzene	420	U
95-50-1	1,2-Dichlorobenzene	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	2,2'-oxybis(1-Chloropropane)	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitrosodi-n-propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-30	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-52	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
111-91-1	bis(2-Chloroethoxymethane)	420	U
120-83-2	2,4-Dichlorophenol	420	U
120-82-1	1,2,4-Trichlorobenzene	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethyl phthalate	420	U
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	420	U
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	420	U
121-14-2	2,4-Dinitrotoluene	420	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

**BG-N-JW RE**

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-64

Sample wt/vol: 30.003 (g/ml) G Lab File ID: A1308.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 20.5 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/09/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.15

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	420	U
7005-72-3	4-Chlorophenylphenylether	420	U
86-73-7	Fluorene	420	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	2-Methyl-4-6-dinitrophenol	1000	U
86-30-6	n-Nitrosodiphenylamine	420	U
101-55-3	4-Bromophenylphenylether	420	U
118-74-1	Hexachlorobenzene	420	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	210	J
120-12-7	Anthracene	45	J
86-74-8	Carbazole	420	U
84-74-2	Di-n-butyl phthalate	420	U
206-44-0	Fluoranthene	320	J
129-00-0	Pyrene	770	
85-68-7	Butylbenzyl phthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	420	U
56-55-3	Benzo(a)anthracene	170	J
218-01-9	Chrysene	180	J
117-81-7	bis-2-Ethylhexyl phthalate	390	J
117-84-0	Di-n-octyl phthalate	420	U
205-99-2	Benzo(b)fluoranthene	220	J
207-08-9	Benzo(k)fluoranthene	86	U
50-32-8	Benzo(a)pyrene	160	J
193-39-5	Indeno(1,2,3-cd)pyrene	420	U
53-70-3	Dibenzo(a,h)anthracene	420	U
191-24-2	Benzo(g,h,i)perylene	110	J

SEMIVOLATILE ORGANICS ANALYSIS CONFIRMATION  
TENTATIVELY IDENTIFIED COMPOUNDS

NYSOEC SAMPLE NO.

Confirmation

Lab Name: \_\_\_\_\_ Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_ Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: 1102601-64

Sample wt/vol: \_\_\_\_\_ (g/ml) \_\_\_\_\_

Lab File ID: A1308.2

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µl)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µl)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

Number TICs found: 0

CONCENTRATION UNITS:

(µg/L or ng/g) µg/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	G
1.				
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FORM I-CLP-SV-TIC



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

BG-SOUTH

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-65

Sample wt/vol: 30.009 (g/ml) G Lab File ID: A1298.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 23 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/08/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.39

CONCENTRATION UNITS:

CAS NO.                      COMPOUND                      (ug/L or ug/Kg) UG/KG                      Q

108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethylether)	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-Nitrosodi-n-propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-30	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-52	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
111-91-1	bis(2-Chloroethoxymethane)	430	U
120-83-2	2,4-Dichlorophenol	430	U
120-82-1	1,2,4-Trichlorobenzene	430	U
91-20-3	Naphthalene	430	U
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	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethyl phthalate	430	U
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	430	U
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

BG-SOUTH

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-65

Sample wt/vol: 30.009 (g/ml) G Lab File ID: A1298.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 23 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/08/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.39

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	430	U
7005-72-3	4-Chlorophenylphenylether	430	U
86-73-7	Fluorene	430	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	2-Methyl-4-6-dinitrophenol	1100	U
86-30-6	n-Nitrosodiphenylamine	430	U
101-55-3	4-Bromophenylphenylether	430	U
118-74-1	Hexachlorobenzene	430	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	360	J
120-12-7	Anthracene	59	J
86-74-8	Carbazole	50	J
84-74-2	Di-n-butyl phthalate	430	U
206-44-0	Fluoranthene	570	
129-00-0	Pyrene	770	
85-68-7	Butylbenzyl phthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	430	U
56-55-3	Benzo(a)anthracene	280	J
218-01-9	Chrysene	320	J
117-81-7	bis-2-Ethylhexyl phthalate	620	
117-84-0	Di-n-octyl phthalate	430	U
205-99-2	Benzo(b)fluoranthene	400	J
207-08-9	Benzo(k)fluoranthene	90	J
50-32-8	Benzo(a)pyrene	260	J
193-39-5	Indeno(1,2,3-cd)pyrene	430	U
53-70-3	Dibenzo(a,h)anthracene	430	U
191-24-2	Benzo(g,h,i)perylene	170	J

155

4/13/01

1 F  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix (soil/water): \_\_\_\_\_

Lab Sample ID: L62601-65

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1298.2

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (μL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (μL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

\_\_\_\_\_

Number TICs found: 3

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/Kg

*R45612*  
*01/11*  
*2/9*

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	23.55	110	JB
2.	↓	27.26	140	J
3.		36.73	520	↓
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FORM 1-CLP-SV-TIC

*VB, 2/9/01*

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

BG-N-NW

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-66

Sample wt/vol: 30.032 (g/ml) G Lab File ID: A1317.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 25.6 decanted: (Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/09/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.26

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	450	U	R
111-44-4	bis(2-Chloroethylether)	450	U	
95-57-8	2-Chlorophenol	450	U	R
541-73-1	1,3-Dichlorobenzene	450	U	
106-46-7	1,4-Dichlorobenzene	450	U	
95-50-1	1,2-Dichlorobenzene	450	U	
95-48-7	2-Methylphenol	450	U	R
108-60-1	2,2'-oxybis(1-Chloropropane)	450	U	
106-44-5	4-Methylphenol	450	U	R
621-64-7	N-Nitrosodi-n-propylamine	450	U	
67-72-1	Hexachloroethane	450	U	
98-95-30	Nitrobenzene	450	U	
78-59-1	Isophorone	450	U	
88-75-52	2-Nitrophenol	450	U	R
105-67-9	2,4-Dimethylphenol	450	U	←
111-91-1	bis(2-Chloroethoxymethane)	450	U	
120-83-2	2,4-Dichlorophenol	450	U	R
120-82-1	1,2,4-Trichlorobenzene	450	U	
91-20-3	Naphthalene	450	U	
106-47-8	4-Chloroaniline	450	U	
87-68-3	Hexachlorobutadiene	450	U	
59-50-7	4-Chloro-3-methylphenol	450	U	R
91-57-6	2-Methylnaphthalene	450	U	
77-47-4	Hexachlorocyclopentadiene	450	U	
88-06-2	2,4,6-Trichlorophenol	450	U	R
95-95-4	2,4,5-Trichlorophenol	1100	U	←
91-58-7	2-Chloronaphthalene	450	U	
88-74-4	2-Nitroaniline	1100	U	
131-11-3	Dimethyl phthalate	450	U	
208-96-8	Acenaphthylene	450	U	
606-20-2	2,6-Dinitrotoluene	450	U	
99-09-2	3-Nitroaniline	1100	U	
83-32-9	Acenaphthene	450	U	
51-28-5	2,4-Dinitrophenol	1100	U	
100-02-7	4-Nitrophenol	1100	U	R
132-64-9	Dibenzofuran	450	U	
121-14-2	2,4-Dinitrotoluene	450	U	

245  
1/13/01

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

BG-N-NW

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-66

Sample wt/vol: 30.032 (g/ml) G Lab File ID: A1317.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 25.6 decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/09/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.26

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	450	U
7005-72-3	4-Chlorophenylphenylether	450	U
86-73-7	Fluorene	450	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	2-Methyl-4-6-dinitrophenol	1100	U
86-30-6	n-Nitrosodiphenylamine	450	U
101-55-3	4-Bromophenylphenylether	450	U
118-74-1	Hexachlorobenzene	450	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	450	U
120-12-7	Anthracene	450	U
86-74-8	Carbazole	450	U
84-74-2	Di-n-butyl phthalate	450	U
206-44-0	Fluoranthene	450	U
129-00-0	Pyrene	450	U
85-68-7	Butylbenzyl phthalate	450	U
91-94-1	3,3'-Dichlorobenzidine	450	U
56-55-3	Benzo(a)anthracene	450	U
218-01-9	Chrysene	450	U
117-81-7	bis-2-Ethylhexyl phthalate	2000	
117-84-0	Di-n-octyl phthalate	450	U
205-99-2	Benzo(b)fluoranthene	450	U
207-08-9	Benzo(k)fluoranthene	450	U
50-32-8	Benzo(a)pyrene	450	U
193-39-5	Indeno(1,2,3-cd)pyrene	450	U
53-70-3	Dibenzo(a,h)anthracene	450	U
191-24-2	Benzo(g,h,i)perylene	450	U

R

R

R

NT  
4/3/01

PH

02006

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

HYSOEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: 662601 <sup>666</sup>~~66~~

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1317.2

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (μL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (μL)

Dilution Factor: 1

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

Number TICs found: 6

CONCENTRATION UNITS:

(μg/L or μg/Kg) μg/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	G
1.	Unknown	11.50	110	J
2.		11.96	120	
3.		14.42	120	
4.		14.56	130	
5.		17.79	110	
6.		23.66	190	JB
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FORM 1-CLP-SV-TIC

*WJ, 2/12/01*

*662601*

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

BG-N-NW DL

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) SOIL Lab Sample ID: L62601-66, 5X

Sample wt/vol: 30.032 (g/ml) G Lab File ID: A1292.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: 25.6 decanted: (Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/07/01

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.26

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	2200	U
111-44-4	bis(2-Chloroethylether)	2200	U
95-57-8	2-Chlorophenol	2200	U
541-73-1	1,3-Dichlorobenzene	2200	U
106-46-7	1,4-Dichlorobenzene	2200	U
95-50-1	1,2-Dichlorobenzene	2200	U
95-48-7	2-Methylphenol	2200	U
108-60-1	2,2'-oxybis(1-Chloropropane)	2200	U
106-44-5	4-Methylphenol	2200	U
621-64-7	N-Nitrosodi-n-propylamine	2200	U
67-72-1	Hexachloroethane	2200	U
98-95-30	Nitrobenzene	2200	U
78-59-1	Isophorone	2200	U
88-75-52	2-Nitrophenol	2200	U
105-67-9	2,4-Dimethylphenol	2200	U
111-91-1	bis(2-Chloroethoxymethane)	2200	U
120-83-2	2,4-Dichlorophenol	2200	U
120-82-1	1,2,4-Trichlorobenzene	2200	U
91-20-3	Naphthalene	2200	U
106-47-8	4-Chloroaniline	2200	U
87-68-3	Hexachlorobutadiene	2200	U
59-50-7	4-Chloro-3-methylphenol	2200	U
91-57-6	2-Methylnaphthalene	2200	U
77-47-4	Hexachlorocyclopentadiene	2200	U
88-06-2	2,4,6-Trichlorophenol	2200	U
95-95-4	2,4,5-Trichlorophenol	5600	U
91-58-7	2-Chloronaphthalene	2200	U
88-74-4	2-Nitroaniline	5600	U
131-11-3	Dimethyl phthalate	2200	U
208-96-8	Acenaphthylene	2200	U
606-20-2	2,6-Dinitrotoluene	2200	U
99-09-2	3-Nitroaniline	5600	U
83-32-9	Acenaphthene	2200	U
51-28-5	2,4-Dinitrophenol	5600	U
100-02-7	4-Nitrophenol	5600	U
132-64-9	Dibenzofuran	2200	U
121-14-2	2,4-Dinitrotoluene	2200	U

02021

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

BG-N-NW DL

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Matrix: (soil/water) SOIL Lab Sample ID: L62601-66, 5X  
 Sample wt/vol: 30.032 (g/ml) G Lab File ID: A1292.D  
 Level: (low/med) LOW Date Received: 01/12/01  
 % Moisture: 25.6 decanted: (Y/N) N Date Extracted: 01/17/01  
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/07/01  
 Injection Volume: 2.0 (uL) Dilution Factor: 5.0  
 GPC Cleanup: (Y/N) Y pH: 7.26

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

84-66-2	Diethyl phthalate	2200	U
7005-72-3	4-Chlorophenylphenylether	2200	U
86-73-7	Fluorene	2200	U
100-01-6	4-Nitroaniline	5600	U
534-52-1	2-Methyl-4-6-dinitrophenol	5600	U
86-30-6	n-Nitrosodiphenylamine	2200	U
101-55-3	4-Bromophenylphenylether	2200	U
118-74-1	Hexachlorobenzene	2200	U
87-86-5	Pentachlorophenol	5600	U
85-01-8	Phenanthrene	2200	U
120-12-7	Anthracene	2200	U
86-74-8	Carbazole	2200	U
84-74-2	Di-n-butyl phthalate	2200	U
206-44-0	Fluoranthene	2200	U
129-00-0	Pyrene	2200	U
85-68-7	Butylbenzyl phthalate	2200	U
91-94-1	3,3'-Dichlorobenzidine	2200	U
56-55-3	Benzo(a)anthracene	2200	U
218-01-9	Chrysene	2200	U
117-81-7	bis-2-Ethylhexyl phthalate	2500	D
117-84-0	Di-n-octyl phthalate	2200	U
205-99-2	Benzo(b)fluoranthene	2200	U
207-08-9	Benzo(k)fluoranthene	2200	U
50-32-8	Benzo(a)pyrene	2200	U
193-39-5	Indeno(1,2,3-cd)pyrene	2200	U
53-70-3	Dibenzo(a,h)anthracene	2200	U
191-24-2	Benzo(g,h,i)perylene	2200	U



**SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET**  
**TENTATIVELY IDENTIFIED COMPOUNDS**

**NYSOEC SAMPLE NO.**

5x  
 (confirmation)

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L62601-66

Sample wt/vol: \_\_\_\_\_ (g/ml)

Lab File ID: A1292-2

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µl)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: 5

GPC Cleanup: (Y/N) \_\_\_\_\_

\_\_\_\_\_

Number TICs found: 0

CONCENTRATION UNITS:

(µg/L or µg/Kg) µg/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	G
1.				
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FGP.M-I-CLP-SV-TIC

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

Lab Name: FRIEND LABORATORY, INC.

Contract: Surface

**RINSATE #1**

*sat*

Lab Code: 10252

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: PANAM

Matrix: (soil/water) WATER

Lab Sample ID: L62601-69

Sample wt/vol: 600 (g/ml) ML

Lab File ID: A1148.D

Level: (low/med) LOW

Date Received: 01/12/01

% Moisture: \_\_\_\_\_ decanted: (Y/N) N

Date Extracted: 01/17/01

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 01/19/01

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

Q

108-95-2	Phenol	17	U
111-44-4	bis(2-Chloroethylether)	17	U
95-57-8	2-Chlorophenol	17	U
541-73-1	1,3-Dichlorobenzene	17	U
106-46-7	1,4-Dichlorobenzene	17	U
95-50-1	1,2-Dichlorobenzene	17	U
95-48-7	2-Methylphenol	17	U
108-60-1	2,2'-oxybis(1-Chloropropane)	17	U
106-44-5	4-Methylphenol	17	U
621-64-7	N-Nitrosodi-n-propylamine	17	U
67-72-1	Hexachloroethane	17	U
98-95-30	Nitrobenzene	17	U
78-59-1	Isophorone	17	U
88-75-52	2-Nitrophenol	17	U
105-67-9	2,4-Dimethylphenol	17	U
111-91-1	bis(2-Chloroethoxymethane)	17	U
120-83-2	2,4-Dichlorophenol	17	U
120-82-1	1,2,4-Trichlorobenzene	17	U
91-20-3	Naphthalene	17	U
106-47-8	4-Chloroaniline	17	U
87-68-3	Hexachlorobutadiene	17	U
59-50-7	4-Chloro-3-methylphenol	17	U
91-57-6	2-Methylnaphthalene	17	U
77-47-4	Hexachlorocyclopentadiene	17	U
88-06-2	2,4,6-Trichlorophenol	17	U
95-95-4	2,4,5-Trichlorophenol	42	U
91-58-7	2-Chloronaphthalene	17	U
88-74-4	2-Nitroaniline	42	U
131-11-3	Dimethyl phthalate	17	U
208-96-8	Acenaphthylene	17	U
606-20-2	2,6-Dinitrotoluene	17	U
99-09-2	3-Nitroaniline	42	U
83-32-9	Acenaphthene	17	U
51-28-5	2,4-Dinitrophenol	42	U
100-02-7	4-Nitrophenol	42	U
132-64-9	Dibenzofuran	17	U
121-14-2	2,4-Dinitrotoluene	17	U

02030

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

RINSATE #1

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) WATER Lab Sample ID: L62601-69

Sample wt/vol: 600 (g/ml) ML Lab File ID: A1148.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: \_\_\_\_\_ decanted: (Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

84-66-2	Diethyl phthalate	17	U
7005-72-3	4-Chlorophenylphenylether	17	U
86-73-7	Fluorene	17	U
100-01-6	4-Nitroaniline	42	U
534-52-1	2-Methyl-4-6-dinitrophenol	42	U
86-30-6	n-Nitrosodiphenylamine	17	U
101-55-3	4-Bromophenylphenylether	17	U
118-74-1	Hexachlorobenzene	17	U
87-86-5	Pentachlorophenol	42	U
85-01-8	Phenanthrene	17	U
120-12-7	Anthracene	17	U
86-74-8	Carbazole	17	U
84-74-2	Di-n-butyl phthalate	17	U
206-44-0	Fluoranthene	17	U
129-00-0	Pyrene	17	U
85-68-7	Butylbenzyl phthalate	17	U
91-94-1	3,3'-Dichlorobenzidine	17	U
56-55-3	Benzo(a)anthracene	17	U
218-01-9	Chrysene	17	U
117-81-7	bis-2-Ethylhexyl phthalate	17	U
117-84-0	Di-n-octyl phthalate	17	U
205-99-2	Benzo(b)fluoranthene	17	U
207-08-9	Benzo(k)fluoranthene	17	U
50-32-8	Benzo(a)pyrene	17	U
193-39-5	Indeno(1,2,3-cd)pyrene	17	U
53-70-3	Dibenzo(a,h)anthracene	17	U
191-24-2	Benzo(g,h,i)perylene	17	U

02031

## TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SUG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: LL62601-69

Sample wt/vol: \_\_\_\_\_ (g/mL)

Lab File ID: A1148.d

Level: (low/med) \_\_\_\_\_

Data Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Data Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Data Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

SFI: \_\_\_\_\_

Number TICs found: 0

CONCENTRATION UNITS:

(µg/L or pg/Kg) \_\_\_\_\_

R44170  
B-1L  
1/23

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.				
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FORM 1-CLP-SV-TIC

1/15, 1/22/01

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

Lab Name: FRIEND LABORATORY, INC.

Contract: Subsurface

**RINSATE #2**

Lab Code: 10252

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: PANAM

Matrix: (soil/water) WATER

Lab Sample ID: L62601-70

Sample wt/vol: 820 (g/ml) ML

Lab File ID: A1149.D

Level: (low/med) LOW

Date Received: 01/12/01

% Moisture: \_\_\_\_\_ decanted: (Y/N) N

Date Extracted: 01/17/01

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 01/20/01

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

Q

108-95-2	Phenol	12	U
111-44-4	bis(2-Chloroethylether)	12	U
95-57-8	2-Chlorophenol	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
95-48-7	2-Methylphenol	12	U
108-60-1	2,2'-oxybis(1-Chloropropane)	12	U
106-44-5	4-Methylphenol	12	U
621-64-7	N-Nitrosodi-n-propylamine	12	U
67-72-1	Hexachloroethane	12	U
98-95-30	Nitrobenzene	12	U
78-59-1	Isophorone	12	U
88-75-52	2-Nitrophenol	12	U
105-67-9	2,4-Dimethylphenol	12	U
111-91-1	bis(2-Chloroethoxymethane)	12	U
120-83-2	2,4-Dichlorophenol	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U
91-20-3	Naphthalene	12	U
106-47-8	4-Chloroaniline	12	U
87-68-3	Hexachlorobutadiene	12	U
59-50-7	4-Chloro-3-methylphenol	12	U
91-57-6	2-Methylnaphthalene	12	U
77-47-4	Hexachlorocyclopentadiene	12	U
88-06-2	2,4,6-Trichlorophenol	12	U
95-95-4	2,4,5-Trichlorophenol	30	U
91-58-7	2-Chloronaphthalene	12	U
88-74-4	2-Nitroaniline	30	U
131-11-3	Dimethyl phthalate	12	U
208-96-8	Acenaphthylene	12	U
606-20-2	2,6-Dinitrotoluene	12	U
99-09-2	3-Nitroaniline	30	U
83-32-9	Acenaphthene	12	U
51-28-5	2,4-Dinitrophenol	30	U
100-02-7	4-Nitrophenol	30	U
132-64-9	Dibenzofuran	12	U
121-14-2	2,4-Dinitrotoluene	12	U

02038

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

RINSATE #2

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) WATER Lab Sample ID: L62601-70

Sample wt/vol: 820 (g/ml) ML Lab File ID: A1149.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: \_\_\_\_\_ decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

84-66-2	Diethyl phthalate	12	U
7005-72-3	4-Chlorophenylphenylether	12	U
86-73-7	Fluorene	12	U
100-01-6	4-Nitroaniline	30	U
534-52-1	2-Methyl-4-6-dinitrophenol	30	U
86-30-6	n-Nitrosodiphenylamine	12	U
101-55-3	4-Bromophenylphenylether	12	U
118-74-1	Hexachlorobenzene	12	U
87-86-5	Pentachlorophenol	30	U
85-01-8	Phenanthrene	12	U
120-12-7	Anthracene	12	U
86-74-8	Carbazole	12	U
84-74-2	Di-n-butyl phthalate	12	U
206-44-0	Fluoranthene	12	U
129-00-0	Pyrene	12	U
85-68-7	Butylbenzyl phthalate	12	U
91-94-1	3,3'-Dichlorobenzidine	12	U
56-55-3	Benzo(a)anthracene	12	U
218-01-9	Chrysene	12	U
117-81-7	bis-2-Ethylhexyl phthalate	12	U
117-84-0	Di-n-octyl phthalate	12	U
205-99-2	Benzo(b)fluoranthene	12	U
207-08-9	Benzo(k)fluoranthene	12	U
50-32-8	Benzo(a)pyrene	12	U
193-39-5	Indeno(1,2,3-cd)pyrene	12	U
53-70-3	Dibenzo(a,h)anthracene	12	U
191-24-2	Benzo(g,h,i)perylene	12	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

HYSOEC SAMPLE NO. \_\_\_\_\_

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: LG2601-70

Sample wt/vol: \_\_\_\_\_ (g/ml)

Lab File ID: A1149.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

PH: \_\_\_\_\_

CONCENTRATION UNITS:

Number TICs found: 0

(µg/L or µg/Kg) \_\_\_\_\_

*R44176  
B-11  
1/23*

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	G
1.				
2.				
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FORM I-CLP-SV-TIC

*1/22/01*  
2-95

10/95

02040

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

~~L62601-1~~  
PSG-NC

Lab Name: \_\_\_\_\_ Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_ Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: ASP17

Matrix: (soil/water) SOIL Lab Sample ID: L62601-1

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E2986254

% Moisture: ~~0~~ 25.0 decanted: (Y/N) N Date Received: 01/11/01  
*car 2/5/01*

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/16/01

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/23/01

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.5 Sulfur Cleanup: (Y/N) N

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

CAS NO. COMPOUND Q

12674-11-2-----	Aroclor-1016	0.02 <del>0.00</del>	U
1104-28-2-----	Aroclor-1221	0.04 <del>0.01</del>	U
11141-16-5-----	Aroclor-1232	0.02 <del>0.00</del>	U
53469-21-9-----	Aroclor-1242	0.02 <del>0.00</del>	U
11097-69-1-----	Aroclor-1254	0.09	
11096-82-5-----	Aroclor-1260	0.02 <del>0.00</del>	U
-----	Aroclor-1248	0.02 <del>0.00</del>	U
		<i>car 2/5/01</i>	

FORM I PCB

02576



1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

~~L62601-2~~

TP-553

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-2

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: E2986255

% Moisture: ~~15.1~~ decanted: (Y/N) N

Date Received: 01/11/01

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/16/01

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/23/01

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.5

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) MG/KG

CAS NO.

COMPOUND

Q

12674-11-2-----	Aroclor-1016	0.02	<del>0.00</del>	U
1104-28-2-----	Aroclor-1221	0.04	0.01	U
11141-16-5-----	Aroclor-1232	0.02	0.00	U
53469-21-9-----	Aroclor-1242	0.02	0.00	U
11097-69-1-----	Aroclor-1254	0.02	<del>0.00</del>	U
11096-82-5-----	Aroclor-1260		0.03	
-----	Aroclor-1248	0.02	<del>0.00</del>	U
		<del>0.02</del>	2/5/01	

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

L62601-4

TP-TP12

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-4

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: E2986256

% Moisture: 18.5 decanted: (Y/N) N

Date Received: 01/11/01

ear 2/5/01

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/16/01

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/23/01

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.6

Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS:  
(ug/L or ug/Kg) MG/KG Q

12674-11-2-----	Aroclor-1016	0.02	0.00	U
1104-28-2-----	Aroclor-1221	0.04	0.01	U
11141-16-5-----	Aroclor-1232	0.02	0.00	U
53469-21-9-----	Aroclor-1242	0.02	0.00	U
11097-69-1-----	Aroclor-1254	0.02	0.00	U
11096-82-5-----	Aroclor-1260		0.09	
-----	Aroclor-1248	0.02	0.00	U
		ear 2/5/01		

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

L62601-5  
TP. TP 3

Lab Name: \_\_\_\_\_ Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_ Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: ASP17

Matrix: (soil/water) SOIL Lab Sample ID: L62601-5

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2986257

% Moisture: 14.6 decanted: (Y/N) N Date Received: 01/11/01

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/16/01

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/23/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

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

CAS NO.                      COMPOUND                      Q

12674-11-2-----	Aroclor-1016	0.02	<del>0.00</del> U
1104-28-2-----	Aroclor-1221	0.04	<del>0.01</del> U
11141-16-5-----	Aroclor-1232	0.02	0.00 U
53469-21-9-----	Aroclor-1242	0.02	0.00 U
11097-69-1-----	Aroclor-1254	0.02	0.00 U
11096-82-5-----	Aroclor-1260	0.02	0.00 U
-----	Aroclor-1248	0.02	<del>0.00</del> U
		LAR 2/5/01	

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

L62601-8  
SS4

Lab Name: \_\_\_\_\_ Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_ Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: ASP17

Matrix: (soil/water) SOIL Lab Sample ID: L62601-8

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E2986260

% Moisture: ~~8~~ 20.5 decanted: (Y/N) N Date Received: 01/11/01  
ear 2/5/01

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/16/01

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/24/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.8 Sulfur Cleanup: (Y/N) N

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MG/KG	Q
---------	----------	---	---

12674-11-2-----	Aroclor-1016	0.02 <del>0.00</del>	U
1104-28-2-----	Aroclor-1221	0.04 0.01	U
11141-16-5-----	Aroclor-1232	0.02 0.00	U
53469-21-9-----	Aroclor-1242	0.02 0.00	U
11097-69-1-----	Aroclor-1254	0.02 0.00	U
11096-82-5-----	Aroclor-1260	0.02 0.00	U
-----	Aroclor-1248	0.02 0.00	U
		ear 2/5/01	

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

L62601-8

SS4

Lab Name: \_\_\_\_\_ Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_ Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: ASP17

Matrix: (soil/water) SOIL Lab Sample ID: L62601-8

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E2986260

% Moisture: ~~8~~ 20.5 decanted: (Y/N) N Date Received: 01/11/01  
*ear 2/5/01*

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/16/01

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/24/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.8 Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS:  
(ug/L or ug/Kg) MG/KG Q

12674-11-2-----	Aroclor-1016	0.02	<del>0.00</del>	U
1104-28-2-----	Aroclor-1221	0.04	0.01	U
11141-16-5-----	Aroclor-1232	0.02	0.00	U
53469-21-9-----	Aroclor-1242	0.02	0.00	U
11097-69-1-----	Aroclor-1254	0.02	0.00	U
11096-82-5-----	Aroclor-1260	0.02	0.00	U
-----	Aroclor-1248	0.02	<del>0.00</del>	U
		<i>ear 2/5/01</i>		

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

L62601-10

TPS

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17A

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-10

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: E5200351

% Moisture: 15.5 decanted: (Y/N) N

Date Received: 01/11/01

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/20/01

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 02/01/01

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.4

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MG/KG	Q
---------	----------	---	---

12674-11-2-----	Aroclor-1016	0.02 <del>0.00</del>	U
1104-28-2-----	Aroclor-1221	0.04 0.01	U
11141-16-5-----	Aroclor-1232	0.02 0.00	U
53469-21-9-----	Aroclor-1242	0.02 0.00	U
11097-69-1-----	Aroclor-1254	0.02 0.00	U
11096-82-5-----	Aroclor-1260	0.02 0.00	U
-----	Aroclor-1248	0.02 <del>0.00</del>	U
		22K 215101	

FORM I PCB

02615

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

~~L62601-II~~  
SSS

Lab Name: \_\_\_\_\_ Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_ Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: ASP17

Matrix: (soil/water) SOIL Lab Sample ID: L62601-11

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2986261

% Moisture: 20.1 decanted: (Y/N) N Date Received: 01/11/01

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/16/01

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/24/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg) MG/KG		
12674-11-2-----	Aroclor-1016	0.02	<del>0.00</del>	U
1104-28-2-----	Aroclor-1221	0.04	0.01	U
11141-16-5-----	Aroclor-1232	0.02	0.00	U
53469-21-9-----	Aroclor-1242	0.02	0.00	U
11097-69-1-----	Aroclor-1254	0.02	0.00	U
11096-82-5-----	Aroclor-1260	0.02	0.00	U
-----	Aroclor-1248	0.02	<del>0.00</del>	U
		ear 2/5/01		

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

~~L62601-12~~  
TP5100P

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-12

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: E2986263

% Moisture: ~~15.5~~ decanted: (Y/N) N  
eal 2/5/01

Date Received: 01/11/01

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/16/01

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/24/01

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.7

Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS:  
(ug/L or ug/Kg) MG/KG Q

12674-11-2-----	Aroclor-1016	0.02	<del>0.00</del>	U
1104-28-2-----	Aroclor-1221	0.04	0.01	U
11141-16-5-----	Aroclor-1232	0.02	0.00	U
53469-21-9-----	Aroclor-1242	0.02	0.00	U
11097-69-1-----	Aroclor-1254	0.02	0.00	U
11096-82-5-----	Aroclor-1260	0.02	0.00	U
-----	Aroclor-1248	0.02	<del>0.00</del>	U
		eal 2/5/01		



1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

L62601-I4  
TJP4,6

Lab Name: \_\_\_\_\_ Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_ Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: ASP17

Matrix: (soil/water) SOIL Lab Sample ID: L62601-14

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2986264

% Moisture: ~~20.7~~ <sup>ear 2/5/01</sup> decanted: (Y/N) N Date Received: 01/11/01

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/16/01

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/24/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.5 Sulfur Cleanup: (Y/N) N

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

CAS NO.	COMPOUND	Q
---------	----------	---

12674-11-2-----	Aroclor-1016	0.02 0.00 U
1104-28-2-----	Aroclor-1221	0.04 0.01 U
11141-16-5-----	Aroclor-1232	0.02 0.00 U
53469-21-9-----	Aroclor-1242	0.02 0.00 U
11097-69-1-----	Aroclor-1254	0.02 0.00 U
11096-82-5-----	Aroclor-1260	0.02 0.00 U
-----	Aroclor-1248	0.02 0.00 U
		ear 2/5/01

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

~~L62601-16~~  
SS7

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-16

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: E2986266

% Moisture: ~~827.2~~ <sup>ear 2/5/01</sup> decanted: (Y/N) N

Date Received: 01/11/01

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/16/01

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/24/01

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.7

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MG/KG	Q
---------	----------	---	---

12674-11-2-----	Aroclor-1016	0.02 <del>0.00</del>	U
1104-28-2-----	Aroclor-1221	0.05 0.01	U
11141-16-5-----	Aroclor-1232	0.02 0.00	U
53469-21-9-----	Aroclor-1242	0.02 0.00	U
11097-69-1-----	Aroclor-1254	0.02 0.00	U
11096-82-5-----	Aroclor-1260	0.02 0.00	U
-----	Aroclor-1248	0.02 <del>0.00</del>	U
<i>ear 2/5/01</i>			

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

L62601-17  
SS9

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-17

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: E2986267

% Moisture: ~~0~~ 12.8 decanted: (Y/N) N

Date Received: 01/11/01

Extraction: *ear 2/5/01* (SepF/Cont/Sonc) SONC

Date Extracted: 01/16/01

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/24/01

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.5

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MG/KG	Q
---------	----------	---	---

12674-11-2-----	Aroclor-1016	0.02	<del>0.00</del> U
1104-28-2-----	Aroclor-1221	0.04	<del>0.01</del> U
11141-16-5-----	Aroclor-1232	0.02	<del>0.00</del> U
53469-21-9-----	Aroclor-1242	0.02	<del>0.00</del> U
11097-69-1-----	Aroclor-1254	0.02	<del>0.00</del> U
11096-82-5-----	Aroclor-1260	0.02	<del>0.00</del> U
-----	Aroclor-1248	0.02	<del>0.00</del> U
<i>ear 2/5/01</i>			

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

L62601-18  
SSIO

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-18

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: E2986268

% Moisture: ~~0.22.5~~ decanted: (Y/N) N

Date Received: 01/11/01

Extraction: <sup>ear 2/5/01</sup> (SepF/Cont/Sonc) SONC

Date Extracted: 01/16/01

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/24/01

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.4

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MG/KG	Q
---------	----------	---	---

12674-11-2-----	Aroclor-1016	0.02 <del>0.00</del>	U
1104-28-2-----	Aroclor-1221	0.04 <del>0.01</del>	U
11141-16-5-----	Aroclor-1232	0.02 <del>0.00</del>	U
53469-21-9-----	Aroclor-1242	0.02 <del>0.00</del>	U
11097-69-1-----	Aroclor-1254	0.17	
11096-82-5-----	Aroclor-1260	0.02 <del>0.00</del>	U
-----	Aroclor-1248	0.02 <del>0.00</del>	U
		ear 2/5/01	

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

L62601-20  
TPI0

Lab Name: \_\_\_\_\_ Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_ Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: ASP17

Matrix: (soil/water) SOIL Lab Sample ID: L62601-20

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E2986270

% Moisture: ~~8~~ 15.6 decanted: (Y/N) N Date Received: 01/11/01

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/16/01

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/24/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.8 Sulfur Cleanup: (Y/N) N

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

CAS NO.	COMPOUND	Q
---------	----------	---

12674-11-2-----	Aroclor-1016	0.02 <del>0.00</del> U
1104-28-2-----	Aroclor-1221	0.04 0.01 U
11141-16-5-----	Aroclor-1232	0.02 0.00 U
53469-21-9-----	Aroclor-1242	0.02 0.00 U
11097-69-1-----	Aroclor-1254	0.02 0.00 U
11096-82-5-----	Aroclor-1260	0.02 0.00 U
-----	Aroclor-1248	0.02 <del>0.00</del> U

LAR 2/5/01

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

~~L62601-19~~  
TP7,9

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-19

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: E2986269

% Moisture: 22.4 decanted: (Y/N) N

Date Received: 01/11/01

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/16/01

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/24/01

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.6

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MG/KG	Q
---------	----------	---	---

12674-11-2-----	Aroclor-1016	0.02	0.00	U
1104-28-2-----	Aroclor-1221	0.04	0.01	U
11141-16-5-----	Aroclor-1232	0.02	0.00	U
53469-21-9-----	Aroclor-1242	0.02	0.00	U
11097-69-1-----	Aroclor-1254		0.03	✓
11096-82-5-----	Aroclor-1260	0.02	0.00	U
-----	Aroclor-1248	0.02	0.00	U

4

ear 2/5/01

245  
4/3/01

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

~~L62601-35~~  
5512

Lab Name: \_\_\_\_\_ Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_ Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: ASP17

Matrix: (soil/water) SOIL Lab Sample ID: L62601-35

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E2986282

% Moisture: ~~28.1~~ decanted: (Y/N) N Date Received: 01/<sup>12</sup>~~11~~/01 <sup>val 3/12/01</sup>

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/19/01

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/25/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.6 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg) MG/KG		
12674-11-2-----	Aroclor-1016	0.02	<del>0.00</del>	U
1104-28-2-----	Aroclor-1221	0.05	0.01	U
11141-16-5-----	Aroclor-1232	0.02	0.00	U
53469-21-9-----	Aroclor-1242	0.02	0.00	U
11097-69-1-----	Aroclor-1254	0.02	<del>0.00</del>	U
11096-82-5-----	Aroclor-1260	<del>0</del>	0.02	
-----	Aroclor-1248	0.02	<del>0.00</del>	U

*ear 2/6/01*

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

~~L62601-38~~  
SS13

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-38

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: E2986283

% Moisture: ~~25.5~~ decanted: (Y/N) N

Date Received: 01/12/01 <sup>12 ear 3/12/01</sup>

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/01

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/25/01

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.7

Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS:  
(ug/L or ug/Kg) MG/KG Q

12674-11-2-----	Aroclor-1016	0.02	<del>0.00</del>	U
1104-28-2-----	Aroclor-1221	0.04	0.01	U
11141-16-5-----	Aroclor-1232	0.02	0.00	U
53469-21-9-----	Aroclor-1242	0.02	0.00	U
11097-69-1-----	Aroclor-1254	0.02	0.00	U
11096-82-5-----	Aroclor-1260	0.02	0.00	U
-----	Aroclor-1248	0.02	<del>0.00</del>	U

ear 2/6/01

ear  
7/15/01



1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

L62601-43  
TP3, 12

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-43

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: E2986284

% Moisture: 31.4 decanted: (Y/N) N

Date Received: 01/11/01 <sup>12 ear 3/12/01</sup>

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/01

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/25/01

Injection Volume: 2.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.5

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MG/KG	Q
---------	----------	---	---

12674-11-2-----	Aroclor-1016	0.02	<del>0.00</del> U
1104-28-2-----	Aroclor-1221	0.05	0.01 U
11141-16-5-----	Aroclor-1232	0.02	0.00 U
53469-21-9-----	Aroclor-1242	0.02	0.00 U
11097-69-1-----	Aroclor-1254	0.02	0.00 U
11096-82-5-----	Aroclor-1260	0.02	0.00 U
-----	Aroclor-1248	0.02	<del>0.00</del> U

ear 2/6/01

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

L62601-44

TP14,15

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-44

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: E2986285

% Moisture: ~~8~~ 19.0 decanted: (Y/N) N

Date Received: 01/11/01 <sup>12 ear</sup> 3/12/01

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/01

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/25/01

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.6

Sulfur Cleanup: (Y/N) N

CAS NO.

COMPOUND

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

Q

12674-11-2-----	Aroclor-1016	0.02	<del>0.00</del>	U
1104-28-2-----	Aroclor-1221	0.04	0.01	U
11141-16-5-----	Aroclor-1232	0.02	0.00	U
53469-21-9-----	Aroclor-1242	0.02	0.00	U
11097-69-1-----	Aroclor-1254	0.02	0.00	U
11096-82-5-----	Aroclor-1260	0.02	0.00	U
-----	Aroclor-1248	0.02	<del>0.00</del>	U

ear 2/6/01

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

L62601-46

SS15

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-46

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: E2986286

% Moisture: ~~822.3~~ decanted: (Y/N) N

Date Received: 01/12/01 <sup>ear 3/12/01</sup>

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/01

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/25/01

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.6

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MG/KG	Q
---------	----------	---	---

12674-11-2-----	Aroclor-1016	0.02	<del>0.00</del> U
1104-28-2-----	Aroclor-1221	0.04	<del>0.01</del> U
11141-16-5-----	Aroclor-1232	0.02	<del>0.00</del> U
53469-21-9-----	Aroclor-1242	0.02	<del>0.00</del> U
11097-69-1-----	Aroclor-1254	0.02	<del>0.00</del> U
11096-82-5-----	Aroclor-1260	0.02	<del>0.00</del> U
-----	Aroclor-1248	0.02	<del>0.00</del> U

*ear 2/6/01*

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

~~L62601-49~~  
SS16

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-49

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: E2986287

% Moisture: ~~0~~ 18.4 decanted: (Y/N) N

Date Received: 01/11/01 <sup>(2 ear 3/12/01)</sup>

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/01

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/25/01

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.6

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MG/KG	Q
---------	----------	---	---

12674-11-2-----	Aroclor-1016	0.02	<del>0.00</del> U
1104-28-2-----	Aroclor-1221	0.04	0.01 U
11141-16-5-----	Aroclor-1232	0.02	0.00 U
53469-21-9-----	Aroclor-1242	0.02	0.00 U
11097-69-1-----	Aroclor-1254	0.02	0.00 U
11096-82-5-----	Aroclor-1260	0.02	0.00 U
-----	Aroclor-1248	0.02	<del>0.00</del> U

ear 2/6/01

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

~~L62601-53~~  
SSI7

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-53

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: E2986288

% Moisture: ~~24.4~~ decanted: (Y/N) N

Date Received: 01/11/01 <sup>12 ear 3/12/01</sup>

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/01

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/25/01

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.6

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MG/KG	Q
---------	----------	---	---

12674-11-2-----	Aroclor-1016	0.02	<del>0.00</del> U
1104-28-2-----	Aroclor-1221	0.04	0.01 U
11141-16-5-----	Aroclor-1232	0.02	0.00 U
53469-21-9-----	Aroclor-1242	0.02	0.00 U
11097-69-1-----	Aroclor-1254	0.02	0.00 U
11096-82-5-----	Aroclor-1260	0.02	0.00 U
-----	Aroclor-1248	0.02	<del>0.00</del> U

ear 2/6/01

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

L62601-56  
TP18

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-56

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: E2986291

% Moisture: 12.6 decanted: (Y/N) N

Date Received: 01/11/01 <sup>12 ear 3/12/01</sup>

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/01

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/25/01

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.5

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MG/KG	Q
---------	----------	---	---

12674-11-2-----	Aroclor-1016	0.02	<del>0.00</del> U
1104-28-2-----	Aroclor-1221	0.04	<del>0.01</del> U
11141-16-5-----	Aroclor-1232	0.02	<del>0.00</del> U
53469-21-9-----	Aroclor-1242	0.02	<del>0.00</del> U
11097-69-1-----	Aroclor-1254	0.02	<del>0.00</del> U
11096-82-5-----	Aroclor-1260	0.02	<del>0.00</del> U
-----	Aroclor-1248	0.02	<del>0.00</del> U

ear 2/6/01

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

~~L62601-58~~  
P6SM

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-58

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: E2986292

% Moisture: ~~0~~ 22.7 decanted: (Y/N) N

Date Received: 01/11/01 <sup>12 ear 3/12/01</sup>

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/01

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/25/01

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.6

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MG/KG	Q
---------	----------	---	---

12674-11-2-----	Aroclor-1016	0.02	<del>0.00</del>	U
1104-28-2-----	Aroclor-1221	0.04	0.01	U
11141-16-5-----	Aroclor-1232	0.02	0.00	U
53469-21-9-----	Aroclor-1242	0.02	0.00	U
11097-69-1-----	Aroclor-1254	0.02	0.01	U
11096-82-5-----	Aroclor-1260	0.02	0.00	U
-----	Aroclor-1248	0.02	<del>0.00</del>	U

ear 2/6/01

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

~~L62601-59~~  
PGNPM

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-59

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: E2986293

% Moisture: ~~0~~ 24.2 decanted: (Y/N) N

Date Received: 01/11/01 <sup>12 ear 3/12/01</sup>

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/01

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/25/01

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.5

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MG/KG	Q
---------	----------	---	---

12674-11-2-----	Aroclor-1016	0.02	<del>0.00</del> U
1104-28-2-----	Aroclor-1221	0.04	<del>0.01</del> U
11141-16-5-----	Aroclor-1232	0.02	<del>0.00</del> U
53469-21-9-----	Aroclor-1242	0.02	<del>0.00</del> U
11097-69-1-----	Aroclor-1254		0.02
11096-82-5-----	Aroclor-1260	0.02	<del>0.00</del> U
-----	Aroclor-1248	0.02	<del>0.00</del> U

ear 2/6/01



1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

L62601-60  
TP16-17

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-60

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: E2986294

% Moisture: ~~8~~ 18.8 decanted: (Y/N) N

Date Received: 01/11/01 <sup>12 ear 3/12/01</sup>

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/01

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/25/01

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 8.3

Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS:  
(ug/L or ug/Kg) MG/KG Q

12674-11-2-----	Aroclor-1016	0.02	<del>0.00</del>	U
1104-28-2-----	Aroclor-1221	0.04	0.01	U
11141-16-5-----	Aroclor-1232	0.02	0.00	U
53469-21-9-----	Aroclor-1242	0.02	0.00	U
11097-69-1-----	Aroclor-1254	0.02	0.00	U
11096-82-5-----	Aroclor-1260	0.02	0.00	U
-----	Aroclor-1248	0.02	<del>0.00</del>	U

ear 2/6/01

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

~~L62601-61~~  
TP1(-9)

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-61

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: E2986295

% Moisture: 15.0 decanted: (Y/N) N

Date Received: 01/11/01 <sup>iz ear 3/12/01</sup>

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/01

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/25/01

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 8.2

Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS:  
(ug/L or ug/Kg) MG/KG Q

12674-11-2-----Aroclor-1016	0.02	<del>0.00</del>	U
1104-28-2-----Aroclor-1221	0.04	0.01	U
11141-16-5-----Aroclor-1232	0.02	0.00	U
53469-21-9-----Aroclor-1242	0.02	0.00	U
11097-69-1-----Aroclor-1254	0.02	0.00	U
11096-82-5-----Aroclor-1260	0.02	0.00	U
-----Aroclor-1248	0.02	<del>0.00</del>	U

ear 2/6/01

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

**L62601-64**  
B6-N-SW

Lab Name: \_\_\_\_\_ Contract: \_\_\_\_\_  
Lab Code: \_\_\_\_\_ Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: ASP17

Matrix: (soil/water) SOIL                      Lab Sample ID: L62601-64  
Sample wt/vol: 30.0 (g/mL) G                      Lab File ID: E2986296  
% Moisture: 20.5      decanted: (Y/N) N                      Date Received: 01/21/01 <sup>12</sup> <sup>ear</sup> 3/12/01  
Extraction: (SepF/Cont/Sonc) SONC                      Date Extracted: 01/19/01  
Concentrated Extract Volume: 10000 (uL)                      Date Analyzed: 01/25/01  
Injection Volume: 2.0(uL)                      Dilution Factor: 1.0  
GPC Cleanup: (Y/N) N                      pH: 8.2                      Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg) MG/KG		
12674-11-2-----	Aroclor-1016	0.02	<del>0.00</del>	U
1104-28-2-----	Aroclor-1221	0.04	<del>0.01</del>	U
11141-16-5-----	Aroclor-1232	0.02	<del>0.00</del>	U
53469-21-9-----	Aroclor-1242	0.02	<del>0.00</del>	U
11097-69-1-----	Aroclor-1254	<del>0.02</del>	0.05	
11096-82-5-----	Aroclor-1260	0.02	<del>0.00</del>	U
-----	Aroclor-1248	0.02	<del>0.00</del>	U

ear 2/6/01

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

L62601-65  
B6-SOUTH

Lab Name: Contract: Lab Code: Case No.: SAS No.: SDG No.: ASP17

Matrix: (soil/water) SOIL Lab Sample ID: L62601-65

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2986297

% Moisture: ~~0~~ 23.0 decanted: (Y/N) N Date Received: 01/11/01 <sup>12 ear 3/12/01</sup>

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/19/01

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/25/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg) MG/KG		
12674-11-2-----	Aroclor-1016	0.02	<del>0.00</del>	U
1104-28-2-----	Aroclor-1221	0.04	0.01	U
11141-16-5-----	Aroclor-1232	0.02	0.00	U
53469-21-9-----	Aroclor-1242	0.02	0.00	U
11097-69-1-----	Aroclor-1254		0.20	U
11096-82-5-----	Aroclor-1260	0.02	<del>0.00</del>	U
-----	Aroclor-1248	0.02	<del>0.00</del>	U

ear 2/6/01

JAT  
4/13/01

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name:

Contract:

~~L62601-66~~  
BG-DNW

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Matrix: (soil/water) SOIL

Lab Sample ID: L62601-66

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: E2986298

% Moisture:  $\theta$  25.6 decanted: (Y/N) N

Date Received: 01/12/01 <sup>12 ear 3/12/01</sup>

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/01

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/25/01

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.3

Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS:  
(ug/L or ug/Kg) MG/KG Q

12674-11-2-----	Aroclor-1016	0.02	<del>0.00</del>	U
1104-28-2-----	Aroclor-1221	0.04	<del>0.01</del>	U
11141-16-5-----	Aroclor-1232	0.02	<del>0.00</del>	U
53469-21-9-----	Aroclor-1242	0.02	<del>0.00</del>	U
11097-69-1-----	Aroclor-1254		0.09	✓
11096-82-5-----	Aroclor-1260	0.02	<del>0.00</del>	U
-----	Aroclor-1248	0.02	<del>0.00</del>	U

ear 2/6/01

JAT  
4/3/01

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

L62601-69

Surface Rinsate

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Matrix: (soil/water) WATER

Lab Sample ID: L62601-69

Sample wt/vol: 290 (g/mL) ML

Lab File ID: E2986305

% Moisture: \_\_\_\_\_ decanted: (Y/N) \_\_\_\_\_

Date Received: 01/11/01 <sup>12 ear 3/12/01</sup>

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 01/16/01

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/26/01

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.0

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
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12674-11-2-----	Aroclor-1016	1.7	<del>0.34</del>	U
1104-28-2-----	Aroclor-1221	3.4	<del>0.69</del>	U
11141-16-5-----	Aroclor-1232	1.7	<del>0.34</del>	U
53469-21-9-----	Aroclor-1242	1.7	<del>0.34</del>	U
11097-69-1-----	Aroclor-1254	1.7	<del>0.34</del>	U
11096-82-5-----	Aroclor-1260	1.7	<del>0.34</del>	U
-----	Aroclor-1248	1.7	<del>0.34</del>	U

ear 2/6/01

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

L62601-70  
Subsurface Rinsate

Lab Name: \_\_\_\_\_ Contract: \_\_\_\_\_  
Lab Code: \_\_\_\_\_ Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: ASP17

Matrix: (soil/water) WATER Lab Sample ID: L62601-70

Sample wt/vol: 670 (g/mL) ML Lab File ID: E2986306

% Moisture: \_\_\_\_\_ decanted: (Y/N) \_\_\_\_\_ Date Received: 01/11/01 <sup>12 ear 3/12/01</sup>

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 01/16/01

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/26/01

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:  
CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

12674-11-2-----	Aroclor-1016	0.75	<del>0.15</del>	U
1104-28-2-----	Aroclor-1221	1.5	0.30	U
11141-16-5-----	Aroclor-1232	0.75	0.15	U
53469-21-9-----	Aroclor-1242	0.75	0.15	U
11097-69-1-----	Aroclor-1254	0.75	0.15	U
11096-82-5-----	Aroclor-1260	0.75	0.15	U
-----	Aroclor-1248	0.75	<del>0.15</del>	U

ear 2/6/01

NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

BG-NC

Lab Name: FRIEND LABORATORY, INC.

Contract: \_\_\_\_\_

Lab Code: 10252

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: TRINIDAD

Matrix (soil/water): SOIL

Lab Sample ID: L62601-1

Level (low/med): LOW

Date Received: 01/11/01

Solids: 75.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11100			P
7440-36-0	Antimony	3.0	U	<del>IN</del>	P
7440-38-2	Arsenic	8.9			F
7440-39-3	Barium	88.7			P
7440-41-7	Beryllium	0.62			P
7440-43-9	Cadmium	0.73			P
7440-70-2	Calcium	52600		<del>/</del>	P
7440-47-3	Chromium	13.3			P
7440-48-4	Cobalt	7.7			P
7440-50-8	Copper	23.7			P
7439-89-6	Iron	17200			P
7439-92-1	Lead	125		<del>/</del>	P
7439-95-4	Magnesium	16400		<del>/</del>	P
7439-96-5	Manganese	407			P
7439-97-6	Mercury	0.13		<del>IN</del>	CV
7440-02-0	Nickel	17.9			P
7440-09-7	Potassium	1530			P
7782-49-2	Selenium	0.23	U	<del>/</del>	F
7440-22-4	Silver	0.72	U		P
7440-23-5	Sodium	194	<del>/</del>	U	P
7440-28-0	Thallium	0.23	U		F
7440-62-2	Vanadium	23.9			P
7440-66-6	Zinc	187		<del>/</del>	P
	Cyanide	0.18	U	<del>IN</del>	AS

4/4/01

Color Before: \_\_\_\_\_

Clarity Before: \_\_\_\_\_

Texture: \_\_\_\_\_

Color After: \_\_\_\_\_

Clarity After: \_\_\_\_\_

Artifacts: \_\_\_\_\_

Comments:



NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-TP1,2

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-4\_\_\_\_\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/11/01

% Solids: 81.5\_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8610			P
7440-36-0	Antimony	3.8	B	<del>IN</del>	P
7440-38-2	Arsenic	3.8			F
7440-39-3	Barium	86.2			P
7440-41-7	Beryllium	0.51	B		P
7440-43-9	Cadmium	0.45	U		P
7440-70-2	Calcium	85200		/	P
7440-47-3	Chromium	12.4			P
7440-48-4	Cobalt	7.4			P
7440-50-8	Copper	29.0			P
7439-89-6	Iron	15400			P
7439-92-1	Lead	153		/	P
7439-95-4	Magnesium	13200		/	P
7439-96-5	Manganese	422			P
7439-97-6	Mercury	0.11		<del>IN</del>	CV
7440-02-0	Nickel	16.4			P
7440-09-7	Potassium	1550			P
7782-49-2	Selenium	0.21	U		F
7440-22-4	Silver	0.68	U		P
7440-23-5	Sodium	206	<del>U</del>		P
7440-28-0	Thallium	0.21	U		F
7440-62-2	Vanadium	18.8			P
7440-66-6	Zinc	118			P
	Cyanide	0.85		<del>IN</del>	AS

per  
4/4/01

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-SS3

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-2\_\_\_\_\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/11/01

% Solids: 84.9\_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3630			P
7440-36-0	Antimony	50.8	U	<del>IN</del>	P
7440-38-2	Arsenic	4.2			F
7440-39-3	Barium	24.6			P
7440-41-7	Beryllium	0.18	B		P
7440-43-9	Cadmium	0.41	U		P
7440-70-2	Calcium	126000		<del>/</del>	P
7440-47-3	Chromium	5.2			P
7440-48-4	Cobalt	3.6	B		P
7440-50-8	Copper	15.6			P
7439-89-6	Iron	7400			P
7439-92-1	Lead	44.8		<del>/</del>	F
7439-95-4	Magnesium	7420		<del>/</del>	P
7439-96-5	Manganese	163			P
7439-97-6	Mercury	0.045		<del>IN</del>	CV
7440-02-0	Nickel	10			P
7440-09-7	Potassium	697			P
7782-49-2	Selenium	0.23	U	<del>/</del>	F
7440-22-4	Silver	0.61	U		P
7440-23-5	Sodium	124	<del>/</del>	U	P
7440-28-0	Thallium	0.32	B		F
7440-62-2	Vanadium	8.9			P
7440-66-6	Zinc	68.1		<del>/</del>	P
	Cyanide	0.17	U	<del>IN</del>	AS

*TLT*  
*4/4/01*

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-TP3

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-5\_\_\_\_\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/11/01

Solids: 85.4\_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6050			P
7440-36-0	Antimony	3.2	B	<del>IN</del>	P
7440-38-2	Arsenic	3.9			F
7440-39-3	Barium	68.6			P
7440-41-7	Beryllium	0.42	B		P
7440-43-9	Cadmium	0.65			P
7440-70-2	Calcium	83300		/	P
7440-47-3	Chromium	9.6			P
7440-48-4	Cobalt	5.0	B		P
7440-50-8	Copper	36.0			P
7439-89-6	Iron	14300			P
7439-92-1	Lead	126		/	P
7439-95-4	Magnesium	13800		/	P
7439-96-5	Manganese	283			P
7439-97-6	Mercury	0.083		<del>IN</del>	CV
7440-02-0	Nickel	13.8			P
7440-09-7	Potassium	938			P
7782-49-2	Selenium	0.21	U	<del>N</del>	F
7440-22-4	Silver	0.68	U		P
7440-23-5	Sodium	152	<del>B</del>	U	P
7440-28-0	Thallium	0.21	U		F
7440-62-2	Vanadium	15.4			P
7440-66-6	Zinc	170		<del>IN</del>	P
	Cyanide	0.16	U	<del>IN</del>	AS

*for 4/4/01*

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS4

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-8\_\_\_\_\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/11/01

% Solids: 79.5\_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9540			P
7440-36-0	Antimony	2.9	U	<del>IN</del>	P
7440-38-2	Arsenic	3.1		<del>IN</del>	F
7440-39-3	Barium	58.8			P
7440-41-7	Beryllium	0.41	B		P
7440-43-9	Cadmium	0.47	U		P
7440-70-2	Calcium	5630		<del>U</del>	P
7440-47-3	Chromium	10.6			P
7440-48-4	Cobalt	5.9	B		P
7440-50-8	Copper	13.0			P
7439-89-6	Iron	14200			P
7439-92-1	Lead	32.6		<del>+</del>	F
7439-95-4	Magnesium	3070		<del>+</del>	P
7439-96-5	Manganese	214			P
7439-97-6	Mercury	0.049		<del>IN</del>	CV
7440-02-0	Nickel	12.4			P
7440-09-7	Potassium	638			P
7782-49-2	Selenium	0.25	U	<del>+</del>	F
7440-22-4	Silver	0.71	U		P
7440-23-5	Sodium	78.1	<del>+</del>	<del>U</del>	P
7440-28-0	Thallium	0.25	U		F
7440-62-2	Vanadium	19.1			P
7440-66-6	Zinc	64.5		<del>IN</del>	P
	Cyanide	0.17	U	<del>IN</del>	AS

22+  
1/14/01

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP5

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-10\_\_\_\_\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/11/01

Solids: 84.5\_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7270			P
7440-36-0	Antimony	3.0	B	<del>IN</del>	P
7440-38-2	Arsenic	4.2			F
7440-39-3	Barium	67.6			P
7440-41-7	Beryllium	0.39	B		P
7440-43-9	Cadmium	0.48	B		P
7440-70-2	Calcium	74000		/	P
7440-47-3	Chromium	8.5			P
7440-48-4	Cobalt	6.9			P
7440-50-8	Copper	20.5			P
7439-89-6	Iron	15500			P
7439-92-1	Lead	50.1		/	P
7439-95-4	Magnesium	16100		/	P
7439-96-5	Manganese	320			P
7439-97-6	Mercury	0.056		<del>IN</del>	CV
7440-02-0	Nickel	13.1			P
7440-09-7	Potassium	1190			P
7782-49-2	Selenium	0.21	U	<del>IN</del>	F
7440-22-4	Silver	0.68	U		P
7440-23-5	Sodium	174	<del>IN</del>	U	P
7440-28-0	Thallium	0.21	U		F
7440-62-2	Vanadium	19.6			P
7440-66-6	Zinc	88.6			P
	Cyanide	0.41	B	<del>IN</del>	AS

*for 1/4/01*

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS5

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-11\_\_\_\_\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/11/01

% Solids: 79.9\_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9150			P
7440-36-0	Antimony	2.7	U	<del>IN</del>	P
7440-38-2	Arsenic	6.3		E	F
7440-39-3	Barium	48.7			P
7440-41-7	Beryllium	0.37	B		P
7440-43-9	Cadmium	0.43	U		P
7440-70-2	Calcium	5740		UF	P
7440-47-3	Chromium	8.2			P
7440-48-4	Cobalt	5.0	B		P
7440-50-8	Copper	8.9			P
7439-89-6	Iron	11500			P
7439-92-1	Lead	18.5		/	F
7439-95-4	Magnesium	2720		/	P
7439-96-5	Manganese	181			P
7439-97-6	Mercury	0.032		<del>IN</del>	CV
7440-02-0	Nickel	9.5			P
7440-09-7	Potassium	651			P
7782-49-2	Selenium	0.24	U	<del>IN</del>	F
7440-22-4	Silver	0.65	U		P
7440-23-5	Sodium	87.7	<del>B</del>	U	P
7440-28-0	Thallium	0.24	U		F
7440-62-2	Vanadium	16.8			P
7440-66-6	Zinc	49.8			P
	Cyanide	0.23	B	<del>IN</del>	AS

2AF  
4/2/01

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP5 DUP

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-12\_\_\_\_\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/11/01

Solids: 84.5\_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6640			P
7440-36-0	Antimony	2.7	U	<del>JN</del>	P
7440-38-2	Arsenic	6.3			F
7440-39-3	Barium	68.7			P
7440-41-7	Beryllium	0.44	B		P
7440-43-9	Cadmium	0.62			P
7440-70-2	Calcium	50700		/	P
7440-47-3	Chromium	7.8			P
7440-48-4	Cobalt	6.8			P
7440-50-8	Copper	20.5			P
7439-89-6	Iron	25100			P
7439-92-1	Lead	76.4		/	P
7439-95-4	Magnesium	9670		/	P
7439-96-5	Manganese	306			P
7439-97-6	Mercury	0.081		<del>JN</del>	CV
7440-02-0	Nickel	13.6			P
7440-09-7	Potassium	887			P
7782-49-2	Selenium	0.22	U	<del>JN</del>	F
7440-22-4	Silver	0.66	U		P
7440-23-5	Sodium	146	<del>B</del>	U	P
7440-28-0	Thallium	0.41	B		F
7440-62-2	Vanadium	20.3			P
7440-66-6	Zinc	98.3		<del>JN</del>	P
	Cyanide	0.17	U	<del>JN</del>	AS

24T  
1/4/01

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-TP4,6

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-14\_\_\_\_\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/11/01

% Solids: 79.3\_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8250			P
7440-36-0	Antimony	61.2	U	<del>JN</del>	P
7440-38-2	Arsenic	4.8			F
7440-39-3	Barium	74.6			P
7440-41-7	Beryllium	0.46	B		P
7440-43-9	Cadmium	0.55	B		P
7440-70-2	Calcium	130000		<del>X</del>	P
7440-47-3	Chromium	15.2			P
7440-48-4	Cobalt	7.0			P
7440-50-8	Copper	37.8			P
7439-89-6	Iron	15900			P
7439-92-1	Lead	84.5		<del>X</del>	P
7439-95-4	Magnesium	12100		<del>X</del>	P
7439-96-5	Manganese	335			P
7439-97-6	Mercury	0.036		<del>JN</del>	CV
7440-02-0	Nickel	16.8			P
7440-09-7	Potassium	1530			P
7782-49-2	Selenium	0.24	U	<del>N</del>	F
7440-22-4	Silver	0.73	U		P
7440-23-5	Sodium	186	<del>X</del>	U	P
7440-28-0	Thallium	0.24	U		F
7440-62-2	Vanadium	19.5			P
7440-66-6	Zinc	136		<del>X</del>	P
	Cyanide	0.16	U	<del>JN</del>	AS

*JN*  
4/4/01

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS7

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-16\_\_\_\_\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/11/01

% Solids: 72.8\_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8680			P
7440-36-0	Antimony	3.1	U	JN	P
7440-38-2	Arsenic	6.0			F
7440-39-3	Barium	56.6			P
7440-41-7	Beryllium	0.44	B		P
7440-43-9	Cadmium	0.69			P
7440-70-2	Calcium	9660		U	P
7440-47-3	Chromium	9.3			P
7440-48-4	Cobalt	6.0	B		P
7440-50-8	Copper	19.3			P
7439-89-6	Iron	15500			P
7439-92-1	Lead	74.5			P
7439-95-4	Magnesium	3060			P
7439-96-5	Manganese	320			P
7439-97-6	Mercury	0.087		JN	CV
7440-02-0	Nickel	14.2			P
7440-09-7	Potassium	784			P
7782-49-2	Selenium	0.26	U	J	F
7440-22-4	Silver	0.74	U		P
7440-23-5	Sodium	79.8	B	J	P
7440-28-0	Thallium	0.26	B		F
7440-62-2	Vanadium	20.5			P
7440-66-6	Zinc	97.8			P
	Cyanide	0.29	B	JN	AS

241  
4/4/01

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS9

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-17\_\_\_\_\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/11/01

% Solids: 87.2\_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6910			P
7440-36-0	Antimony	2.8	U	JX	P
7440-38-2	Arsenic	4.9			F
7440-39-3	Barium	47.5			P
7440-41-7	Beryllium	0.46	B		P
7440-43-9	Cadmium	0.44	U		P
7440-70-2	Calcium	52000		/	P
7440-47-3	Chromium	9.0			P
7440-48-4	Cobalt	5.3	B		P
7440-50-8	Copper	19.8			P
7439-89-6	Iron	13900			P
7439-92-1	Lead	62.0		/	P
7439-95-4	Magnesium	5230		/	P
7439-96-5	Manganese	256			P
7439-97-6	Mercury	0.11		JN	CV
7440-02-0	Nickel	12.3			P
7440-09-7	Potassium	695			P
7782-49-2	Selenium	0.23	U	X	F
7440-22-4	Silver	0.66	U		P
7440-23-5	Sodium	106	X	U	P
7440-28-0	Thallium	0.23	U		F
7440-62-2	Vanadium	18.8			P
7440-66-6	Zinc	85.3		/	P
	Cyanide	0.17	U	JN	AS

JT  
4/4/01

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS10

Lab Name: FRIEND LABORATORY, INC.

Contract: \_\_\_\_\_

Lab Code: 10252

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: TRINIDAD

Matrix (soil/water): SOIL

Lab Sample ID: L62601-18

Level (low/med): LOW

Date Received: 01/11/01

Solids: 77.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9190			P
7440-36-0	Antimony	3.1	U	JN	P
7440-38-2	Arsenic	7.9			F
7440-39-3	Barium	82.4			P
7440-41-7	Beryllium	0.46	B		P
7440-43-9	Cadmium	0.93			P
7440-70-2	Calcium	12000			P
7440-47-3	Chromium	11.4			P
7440-48-4	Cobalt	7.8			P
7440-50-8	Copper	22.2			P
7439-89-6	Iron	18500			P
7439-92-1	Lead	101			P
7439-95-4	Magnesium	5190			P
7439-96-5	Manganese	334			P
7439-97-6	Mercury	0.13		JN	CV
7440-02-0	Nickel	16.0			P
7440-09-7	Potassium	1250			P
7782-49-2	Selenium	0.26	U		F
7440-22-4	Silver	0.75	U		P
7440-23-5	Sodium	106		U	P
7440-28-0	Thallium	0.26	U		F
7440-62-2	Vanadium	21.3			P
7440-66-6	Zinc	134			P
	Cyanide	0.28	B	JN	AS

JAT  
4/4/01

Color Before: \_\_\_\_\_

Clarity Before: \_\_\_\_\_

Texture: \_\_\_\_\_

Color After: \_\_\_\_\_

Clarity After: \_\_\_\_\_

Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP7,9

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL \_\_\_\_\_ Lab Sample ID: L62601-19\_

Level (low/med): LOW \_\_\_\_\_ Date Received: 01/11/01

% Solids: 77.6\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18900			P
7440-36-0	Antimony	3.2	U	<del>IN</del>	P
7440-38-2	Arsenic	6.4			F
7440-39-3	Barium	89.7			P
7440-41-7	Beryllium	1.1			P
7440-43-9	Cadmium	10.1	U		P
7440-70-2	Calcium	7260	U		P
7440-47-3	Chromium	21.8			P
7440-48-4	Cobalt	10.4			P
7440-50-8	Copper	20.8			P
7439-89-6	Iron	26100			P
7439-92-1	Lead	18.7			F
7439-95-4	Magnesium	5360			P
7439-96-5	Manganese	214			P
7439-97-6	Mercury	0.11		<del>IN</del>	CV
7440-02-0	Nickel	22.8			P
7440-09-7	Potassium	1620			P
7782-49-2	Selenium	0.23	U		F
7440-22-4	Silver	0.76	U		P
7440-23-5	Sodium	113	<del>U</del>	U	P
7440-28-0	Thallium	0.23	U		F
7440-62-2	Vanadium	35.5			P
7440-66-6	Zinc	73.0			P
	Cyanide	0.19	U	<del>IN</del>	AS

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP10

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-20\_\_\_\_\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/11/01

% Solids: 84.4\_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3030			P
7440-36-0	Antimony	2.6	U	<del>IN</del>	P
7440-38-2	Arsenic	14.6			F
7440-39-3	Barium	37.4			P
7440-41-7	Beryllium	0.44	B		P
7440-43-9	Cadmium	8.5	U		P
7440-70-2	Calcium	15400		<del>/</del>	P
7440-47-3	Chromium	2.0			P
7440-48-4	Cobalt	17.5			P
7440-50-8	Copper	42.3			P
7439-89-6	Iron	20800			P
7439-92-1	Lead	93.0		<del>/</del>	P
7439-95-4	Magnesium	2560		<del>/</del>	P
7439-96-5	Manganese	214			P
7439-97-6	Mercury	0.11		<del>IN</del>	CV
7440-02-0	Nickel	22.1			P
7440-09-7	Potassium	359	B		P
7782-49-2	Selenium	0.33	B		F
7440-22-4	Silver	0.63	U		P
7440-23-5	Sodium	98.9	<del>X</del>	U	P
7440-28-0	Thallium	0.67	B		F
7440-62-2	Vanadium	12.0			P
7440-66-6	Zinc	185		<del>IN</del>	P
	Cyanide	0.15	U	<del>IN</del>	AS

11/4/01

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS12

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-35\_\_\_\_\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/12/01

% Solids: 71.9\_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8550			P
7440-36-0	Antimony	3.0	U	<del>IN</del>	P
7440-38-2	Arsenic	5.1			F
7440-39-3	Barium	63.8			P
7440-41-7	Beryllium	0.44	B		P
7440-43-9	Cadmium	1.1			P
7440-70-2	Calcium	15700		/	P
7440-47-3	Chromium	9.2			P
7440-48-4	Cobalt	5.7	B		P
7440-50-8	Copper	21.4			P
7439-89-6	Iron	14400			P
7439-92-1	Lead	205		/	P
7439-95-4	Magnesium	6040		/	P
7439-96-5	Manganese	331			P
7439-97-6	Mercury	0.12		<del>IN</del>	CV
7440-02-0	Nickel	13.5			P
7440-09-7	Potassium	875			P
7782-49-2	Selenium	0.28	U	<del>W</del>	F
7440-22-4	Silver	0.71	U		P
7440-23-5	Sodium	94.9	<del>B</del>	U	P
7440-28-0	Thallium	0.28	U		F
7440-62-2	Vanadium	20.3			P
7440-66-6	Zinc	118		<del>SA</del>	P
	Cyanide	0.20	U	<del>IN</del>	AS

7440-43-9  
4/4/01

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS13

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-38\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/12/01

% Solids: 74.5\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9660			P
7440-36-0	Antimony	3.1	U	<del>JN</del>	P
7440-38-2	Arsenic	4.9			F
7440-39-3	Barium	62.8			P
7440-41-7	Beryllium	0.55	B		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	16300		/	P
7440-47-3	Chromium	11.2			P
7440-48-4	Cobalt	6.6			P
7440-50-8	Copper	21.7			P
7439-89-6	Iron	16000			P
7439-92-1	Lead	57.2		/	P
7439-95-4	Magnesium	4680		/	P
7439-96-5	Manganese	418			P
7439-97-6	Mercury	0.090		<del>JN</del>	CV
7440-02-0	Nickel	15.5			P
7440-09-7	Potassium	1110			P
7782-49-2	Selenium	0.24	U	/	F
7440-22-4	Silver	0.75	U		P
7440-23-5	Sodium	107	B	(U)	P
7440-28-0	Thallium	0.24	U		F
7440-62-2	Vanadium	20.6			P
7440-66-6	Zinc	121			P
	Cyanide	0.21	B	<del>JN</del>	AS

7440-47-3  
Chromium

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

~~TP TP12~~  
~~TP13, 12~~

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-43\_\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/12/01

% Solids: 68.6\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8990			P
7440-36-0	Antimony	3.6	B	JN	P
7440-38-2	Arsenic	3.0			F
7440-39-3	Barium	70.4			P
7440-41-7	Beryllium	0.56	B		P
7440-43-9	Cadmium	0.49	U		P
7440-70-2	Calcium	48400		/	P
7440-47-3	Chromium	9.4			P
7440-48-4	Cobalt	6.2			P
7440-50-8	Copper	24.2			P
7439-89-6	Iron	13400			P
7439-92-1	Lead	64.3		/	P
7439-95-4	Magnesium	7320		/	P
7439-96-5	Manganese	495			P
7439-97-6	Mercury	0.023		JN	CV
7440-02-0	Nickel	15.2			P
7440-09-7	Potassium	933			P
7782-49-2	Selenium	0.26	U	/	F
7440-22-4	Silver	0.73	U		P
7440-23-5	Sodium	149	/	U	P
7440-28-0	Thallium	0.26	U		F
7440-62-2	Vanadium	23.8			P
7440-66-6	Zinc	87.7		25	P
	Cyanide	0.19	U	JN	AS

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11/10!

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP ~~TP~~14,15

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-44\_\_\_\_\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/12/01

% Solids: 81.0\_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5960			P
7440-36-0	Antimony	3.0	U	<del>IN</del>	P
7440-38-2	Arsenic	5.5			F
7440-39-3	Barium	74.2			P
7440-41-7	Beryllium	0.54	B		P
7440-43-9	Cadmium	0.67			P
7440-70-2	Calcium	80100		/	P
7440-47-3	Chromium	6.8			P
7440-48-4	Cobalt	5.1	B		P
7440-50-8	Copper	28.4			P
7439-89-6	Iron	14800			P
7439-92-1	Lead	135		/	P
7439-95-4	Magnesium	13900		/	P
7439-96-5	Manganese	375			P
7439-97-6	Mercury	0.040		<del>IN</del>	CV
7440-02-0	Nickel	13.7			P
7440-09-7	Potassium	737			P
7782-49-2	Selenium	0.21	U	<del>W</del>	F
7440-22-4	Silver	0.72	U		P
7440-23-5	Sodium	183	<del>B</del>	U	P
7440-28-0	Thallium	0.21	U		F
7440-62-2	Vanadium	13.8			P
7440-66-6	Zinc	158			P
	Cyanide	0.22	B	<del>IN</del>	AS

4/4/01

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-15

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-46\_\_\_\_\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/12/01

% Solids: 77.7\_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8970			P
7440-36-0	Antimony	2.9	U	<del>IN</del>	P
7440-38-2	Arsenic	4.1			F
7440-39-3	Barium	73.0			P
7440-41-7	Beryllium	0.52	B		P
7440-43-9	Cadmium	0.47	U		P
7440-70-2	Calcium	20300		<del>/</del>	P
7440-47-3	Chromium	14.4			P
7440-48-4	Cobalt	8.6			P
7440-50-8	Copper	19.6			P
7439-89-6	Iron	17400			P
7439-92-1	<del>Lead</del>	82.2		<del>/</del>	P
7439-95-4	Magnesium	7260		<del>/</del>	P
7439-96-5	Manganese	658			P
7439-97-6	Mercury	0.080		<del>IN</del>	CV
7440-02-0	Nickel	16.3			P
7440-09-7	Potassium	1010			P
7782-49-2	Selenium	0.20	U	<del>/</del>	F
7440-22-4	Silver	0.70	U		P
7440-23-5	Sodium	105	<del>B</del>	<del>U</del>	P
7440-28-0	Thallium	0.20	U		F
7440-62-2	Vanadium	20.9			P
7440-66-6	Zinc	104			P
	Cyanide	0.28	B	<del>IN</del>	AS

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*4/14/01*

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
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INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS16

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-49\_\_\_\_\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/12/01

% Solids: 81.6\_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6220			P
7440-36-0	Antimony	2.9	U	<del>IN</del>	P
7440-38-2	Arsenic	3.1			F
7440-39-3	Barium	53.7			P
7440-41-7	Beryllium	0.34	B		P
7440-43-9	Cadmium	0.46	U		P
7440-70-2	Calcium	34200		/	P
7440-47-3	Chromium	9.4			P
7440-48-4	Cobalt	5.3	B		P
7440-50-8	Copper	18.3			P
7439-89-6	Iron	11300			P
7439-92-1	Lead	152		/	P
7439-95-4	Magnesium	12300		/	P
7439-96-5	Manganese	439			P
7439-97-6	Mercury	0.056		<del>IN</del>	CV
7440-02-0	Nickel	12.9			P
7440-09-7	Potassium	1080			P
7782-49-2	Selenium	0.24	U	/	F
7440-22-4	Silver	0.69	U		P
7440-23-5	Sodium	109	<del>B</del>	U	P
7440-28-0	Thallium	0.24	U		F
7440-62-2	Vanadium	14.6			P
7440-66-6	Zinc	104			P
	Cyanide	0.17	B	<del>IN</del>	AS

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*4/4/01*

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
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INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS17

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-53\_\_\_\_\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/12/01

% Solids: 75.6\_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8490			P
7440-36-0	Antimony	3.2	U	<del>IN</del>	P
7440-38-2	Arsenic	4.8			F
7440-39-3	Barium	61.2			P
7440-41-7	Beryllium	0.46	B		P
7440-43-9	Cadmium	0.72			P
7440-70-2	Calcium	21700		<del>+</del>	P
7440-47-3	Chromium	10.1			P
7440-48-4	Cobalt	6.5			P
7440-50-8	Copper	24.7			P
7439-89-6	Iron	15400			P
7439-92-1	Lead	85.2		<del>+</del>	P
7439-95-4	Magnesium	7460		<del>+</del>	P
7439-96-5	Manganese	343			P
7439-97-6	Mercury	0.071		<del>IN</del>	CV
7440-02-0	Nickel	14.5			P
7440-09-7	Potassium	1050			P
7782-49-2	Selenium	0.23	U		F
7440-22-4	Silver	0.76	U		P
7440-23-5	Sodium	115	<del>+</del>	U	P
7440-28-0	Thallium	0.32	B		F
7440-62-2	Vanadium	20.3			P
7440-66-6	Zinc	117			P
	Cyanide	0.22	B	<del>IN</del>	AS

4/14/01  
JAT

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-18

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-56\_\_\_\_\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/12/01

% Solids: 87.4\_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5170			P
7440-36-0	Antimony	2.7	U	<del>SN</del>	P
7440-38-2	Arsenic	3.3			F
7440-39-3	Barium	39.9			P
7440-41-7	Beryllium	0.30	B		P
7440-43-9	Cadmium	0.43	U		P
7440-70-2	Calcium	73100		/	P
7440-47-3	Chromium	6.1			P
7440-48-4	Cobalt	5.3	B		P
7440-50-8	Copper	20.1			P
7439-89-6	Iron	10900			P
7439-92-1	Lead	56.7		/	P
7439-95-4	Magnesium	21000		/	P
7439-96-5	Manganese	265			P
7439-97-6	Mercury	0.048		<del>SN</del>	CV
7440-02-0	Nickel	9.7			P
7440-09-7	Potassium	757			P
7782-49-2	Selenium	0.22	U	/	F
7440-22-4	Silver	0.65	U		P
7440-23-5	Sodium	146	<del>B</del>	U	P
7440-28-0	Thallium	0.32	B		F
7440-62-2	Vanadium	14.7			P
7440-66-6	Zinc	83.8			P
	Cyanide	0.16	U	<del>SN</del>	AS

4/4/01

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

PG-SM

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-58\_\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/12/01

% Solids: 77.3\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6780			P
7440-36-0	Antimony	3.0	U	<del>IN</del>	P
7440-38-2	Arsenic	3.9			F
7440-39-3	Barium	27.7			P
7440-41-7	Beryllium	0.22	B		P
7440-43-9	Cadmium	0.48	U		P
7440-70-2	Calcium	33300		/	P
7440-47-3	Chromium	7.3			P
7440-48-4	Cobalt	4.4	B		P
7440-50-8	Copper	11.9			P
7439-89-6	Iron	10600			P
7439-92-1	Lead	25.1		/	F
7439-95-4	Magnesium	14800		/	P
7439-96-5	Manganese	192			P
7439-97-6	Mercury	0.052		<del>IN</del>	CV
7440-02-0	Nickel	9.5			P
7440-09-7	Potassium	765			P
7782-49-2	Selenium	0.24	U	<del>IN</del>	F
7440-22-4	Silver	0.73	U		P
7440-23-5	Sodium	103	<del>B</del>	U	P
7440-28-0	Thallium	0.35	B		F
7440-62-2	Vanadium	13.9			P
7440-66-6	Zinc	57.3		<del>IN</del>	P
	Cyanide	0.18	U	<del>IN</del>	AS

74T  
4/4/01

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

PG-NM

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-59\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/12/01

% Solids: 75.8\_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8330			P
7440-36-0	Antimony	2.8	U	<del>JA</del>	P
7440-38-2	Arsenic	3.7			F
7440-39-3	Barium	48.2			P
7440-41-7	Beryllium	0.43	B		P
7440-43-9	Cadmium	0.45	U		P
7440-70-2	Calcium	11200		<del>U</del>	P
7440-47-3	Chromium	8.7			P
7440-48-4	Cobalt	6.5			P
7440-50-8	Copper	14.6			P
7439-89-6	Iron	13300			P
7439-92-1	Lead	45.9		<del>/</del>	F
7439-95-4	Magnesium	5390		<del>/</del>	P
7439-96-5	Manganese	395			P
7439-97-6	Mercury	0.19		<del>IN</del>	CV
7440-02-0	Nickel	11.7			P
7440-09-7	Potassium	841			P
7782-49-2	Selenium	0.23	U		F
7440-22-4	Silver	0.68	U		P
7440-23-5	Sodium	84.7	<del>X</del> U		P
7440-28-0	Thallium	0.56	B		F
7440-62-2	Vanadium	17.7			P
7440-66-6	Zinc	78.8		<del>/</del>	P
	Cyanide	0.19	U	<del>IN</del>	AS

744  
1/14/01

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

~~TP~~TP16-17

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-60\_\_\_\_\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/12/01

% Solids: 81.2\_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4560			P
7440-36-0	Antimony	2.8	U	<del>IN</del>	P
7440-38-2	Arsenic	5.3			F
7440-39-3	Barium	75.5			P
7440-41-7	Beryllium	0.27	B		P
7440-43-9	Cadmium	0.45	U		P
7440-70-2	Calcium	53500		/	P
7440-47-3	Chromium	5.5			P
7440-48-4	Cobalt	4.6	B		P
7440-50-8	Copper	19.7			P
7439-89-6	Iron	26700			P
7439-92-1	Lead	56.2		/	F
7439-95-4	Magnesium	17600		/	P
7439-96-5	Manganese	1180			P
7439-97-6	Mercury	0.053		<del>IN</del>	CV
7440-02-0	Nickel	13.0			P
7440-09-7	Potassium	845			P
7782-49-2	Selenium	0.22	U		F
7440-22-4	Silver	0.68	U		P
7440-23-5	Sodium	150	<del>U</del>	U	P
7440-28-0	Thallium	0.53	B		F
7440-62-2	Vanadium	15.1			P
7440-66-6	Zinc	62.1			P
	Cyanide	0.30	B	<del>IN</del>	AS

4/4/01

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

~~TP~~ TP11-19

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-61\_\_\_\_\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/12/01

% Solids: 85.0\_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5520			P
7440-36-0	Antimony	2.8	U	IN	P
7440-38-2	Arsenic	7.4			F
7440-39-3	Barium	55.5			P
7440-41-7	Beryllium	0.32	B		P
7440-43-9	Cadmium	0.45	U		P
7440-70-2	Calcium	85100		/	P
7440-47-3	Chromium	6.7			P
7440-48-4	Cobalt	5.0	B		P
7440-50-8	Copper	22.1			P
7439-89-6	Iron	11100			P
7439-92-1	Lead	203		/	P
7439-95-4	Magnesium	11700		/	P
7439-96-5	Manganese	302			P
7439-97-6	Mercury	0.22		IN	CV
7440-02-0	Nickel	10.6			P
7440-09-7	Potassium	736			P
7782-49-2	Selenium	0.23	U	N	F
7440-22-4	Silver	0.68	U		P
7440-23-5	Sodium	149	B	U	P
7440-28-0	Thallium	0.26	B		F
7440-62-2	Vanadium	13.8			P
7440-66-6	Zinc	99.5			P
	Cyanide	0.17	B	IN	AS

JAS  
4/4/01

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

BG-N-~~JW~~  
SW

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-64\_\_\_\_\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/12/01

% Solids: 79.5\_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10300			P
7440-36-0	Antimony	3.0	U	<del>JW</del>	P
7440-38-2	Arsenic	3.3			F
7440-39-3	Barium	89.0			P
7440-41-7	Beryllium	0.48	B		P
7440-43-9	Cadmium	0.60			P
7440-70-2	Calcium	41200		/	P
7440-47-3	Chromium	11.7			P
7440-48-4	Cobalt	6.9			P
7440-50-8	Copper	26.5			P
7439-89-6	Iron	17900			P
7439-92-1	Lead	107		/	P
7439-95-4	Magnesium	10500		/	P
7439-96-5	Manganese	526			P
7439-97-6	Mercury	0.064		<del>JW</del>	CV
7440-02-0	Nickel	16.1			P
7440-09-7	Potassium	1210			P
7782-49-2	Selenium	0.24	U		F
7440-22-4	Silver	0.72	U		P
7440-23-5	Sodium	132	<del>B</del>	U	P
7440-28-0	Thallium	0.26	B	<del>JW</del>	F
7440-62-2	Vanadium	21.5			P
7440-66-6	Zinc	121			P
	Cyanide	0.28	B	<del>JW</del>	AS

4/4/01

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. 2/3

BG-SOUTH

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-65\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/12/01

Solids: 77.0\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	12600			P
7440-36-0	Antimony	2.8	U	IN	P
7440-38-2	Arsenic	7.9			F
7440-39-3	Barium	105			P
7440-41-7	Beryllium	0.60			P
7440-43-9	Cadmium	0.80			P
7440-70-2	Calcium	10600		U	P
7440-47-3	Chromium	18.7			P
7440-48-4	Cobalt	8.0			P
7440-50-8	Copper	22.5			P
7439-89-6	Iron	20600			P
7439-92-1	Lead	1250			P
7439-95-4	Magnesium	6080			P
7439-96-5	Manganese	437			P
7439-97-6	Mercury	0.23		IN	CV
7440-02-0	Nickel	17.6			P
7440-09-7	Potassium	1660			P
7782-49-2	Selenium	0.26	U	N	F
7440-22-4	Silver	0.66	U		P
7440-23-5	Sodium	127	P	U	P
7440-28-0	Thallium	0.26	U		F
7440-62-2	Vanadium	28.5			P
7440-66-6	Zinc	352			P
	Cyanide	1.5		IN	AS

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

BG-N-NW

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_\_ Lab Sample ID: L62601-66\_\_\_\_\_

Level (low/med): LOW\_\_\_\_\_ Date Received: 01/12/01

Solids: 74.4\_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8910			P
7440-36-0	Antimony	3.1	U	<del>IX</del>	P
7440-38-2	Arsenic	13.3			F
7440-39-3	Barium	84.0			P
7440-41-7	Beryllium	0.51	B		P
7440-43-9	Cadmium	0.51	B		P
7440-70-2	Calcium	25900		<del>/</del>	P
7440-47-3	Chromium	14.0			P
7440-48-4	Cobalt	7.5			P
7440-50-8	Copper	30.9			P
7439-89-6	Iron	16500			P
7439-92-1	Lead	279		<del>/</del>	P
7439-95-4	Magnesium	8350		<del>/</del>	P
7439-96-5	Manganese	438			P
7439-97-6	Mercury	0.075		<del>IX</del>	CV
7440-02-0	Nickel	18.6			P
7440-09-7	Potassium	1710			P
7782-49-2	Selenium	0.25	U		F
7440-22-4	Silver	0.75	U		P
7440-23-5	Sodium	340	<del>B</del>	<del>U</del>	P
7440-28-0	Thallium	0.51	B		F
7440-62-2	Vanadium	22.1			P
7440-66-6	Zinc	179			P
	Cyanide	0.41	B	<del>IX</del>	AS

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

S. RINSATE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): WATER\_ Lab Sample ID: L62601-69\_

Level (low/med): LOW\_ Date Received: 01/12/01

% Solids: \_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	118	B		P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium	102	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	4.0	U		P
7440-70-2	Calcium	62200			P
7440-47-3	Chromium	8.0	U		P
7440-48-4	Cobalt	11.9	B		P
7440-50-8	Copper	7.1	B		P
7439-89-6	Iron	268			P
7439-92-1	Lead	2.0	U		F
7439-95-4	Magnesium	11700			P
7439-96-5	Manganese	9.3	B		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	1350	B		P
7782-49-2	Selenium	2.0	U		F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	18000			P
7440-28-0	Thallium	2.0	U		F
7440-62-2	Vanadium	7.0	U		P
7440-66-6	Zinc	27.2			P
	Cyanide	3.0	U		AS

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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Lab Name: FRIEND LABORATORY, INC.

Contract: \_\_\_\_\_

Lab Code: 10252

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: TRINIDAD

Matrix (soil/water): WATER

Lab Sample ID: L62601-70

Level (low/med): LOW

Date Received: 01/12/01

Solids: \_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	48.0	U		P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium	98.6	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	4.0	U		P
7440-70-2	Calcium	61600			P
7440-47-3	Chromium	8.0	U		P
7440-48-4	Cobalt	10.0	U		P
7440-50-8	Copper	3.4	B		P
7439-89-6	Iron	61.3	B		P
7439-92-1	Lead	2.0	U		F
7439-95-4	Magnesium	11400			P
7439-96-5	Manganese	4.2	B		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	10.6	B		P
7440-09-7	Potassium	1330	B		P
7782-49-2	Selenium	2.0	U		F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	18100			P
7440-28-0	Thallium	2.5	B		F
7440-62-2	Vanadium	7.0	U		P
7440-66-6	Zinc	18.2	B		P
	Cyanide	3.0	U		AS

Color Before: \_\_\_\_\_

Clarity Before: \_\_\_\_\_

Texture: \_\_\_\_\_

Color After: \_\_\_\_\_

Clarity After: \_\_\_\_\_

Artifacts: \_\_\_\_\_

Comments:

# **ATTACHMENT 2**

## **SUPPORT DOCUMENTATION**

8A  
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): C3699.D Date Analyzed: 01/17/01  
 Instrument ID: MSD-C Time Analyzed: 11:14  
 GC Column: RTX-624 ID: 0.53 (mm) Heated Purge (Y/N): N

	IS1BCM AREA #	RT #	IS2DFB AREA #	RT #	IS3CB AREA #	RT #
12 HOUR STD	2009915	8.26	9254653	10.89	6892049	16.07
UPPER LIMIT	4019830	8.76	18509306	11.39	13784098	16.57
LOWER LIMIT	1004958	7.76	4627327	10.39	3446025	15.57
NYSDEC SAMPLE NO.						
01 VBLKW1	1895406	8.28	8119036	10.90	5782307	16.08
02 VBLKW1MS	1941649	8.28	8553149	10.90	6630832	16.08
03 RINSATE	1913239	8.27	8749196	10.90	6775641	16.08
04 TRIP BLANK	1922387	8.28	8504073	10.90	6420071	16.08

IS1 BCM = Bromochloromethane  
 IS2 DFB = 1,4-Difluorobenzene  
 IS3 CB = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits



## VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): C3716.D Date Analyzed: 01/18/01  
 Instrument ID: MSD-C Time Analyzed: 13:54  
 GC Column: RTX-624 ID: 0.53 (mm) Heated Purge (Y/N): Y

	IS1BCM AREA #	RT #	IS2DFB AREA #	RT #	IS3CB AREA #	RT #
12 HOUR STD	2020442	8.28	8885823	10.90	6752542	16.08
UPPER LIMIT	4040884	8.78	17771648	11.40	13505084	16.58
LOWER LIMIT	1010221	7.78	4442912	10.40	3376271	15.58
NYSDEC SAMPLE NO.						
01 VBLKS1	2022007	8.28	8589716	10.90	6442406	16.08
02 VBLKS1MS	2080971	8.27	8794269	10.89	6771831	16.08
03 TP9	1789156	8.28	6900517	10.90	4594191	16.08
04 TP-13	1717111	8.28	7111926	10.90	4645304	16.08
05 TP5	1668981	8.27	6664271	10.90	4180816	16.08
06 TP7	1631563	8.27	6481622	10.89	4273476	16.07
07 TP-TP3	1524453	8.26	6471493	10.88	3953123	16.06
08 TP10 RE	547465*	8.25	2586851*	10.88	1094772*	16.06
09 TP12	1074035	8.25	4436408*	10.88	2179449*	16.06
10 TP-15	1135222	8.25	4633124	10.88	2643603*	16.06
11 TP-17	1407298	8.24	5374098	10.87	2936891*	16.05
12 TP-18	1088284	8.24	4085453*	10.87	2276893*	16.05
13 TP4 RE	1312191	8.24	4986377	10.87	2464743*	16.06
14 TP5 DUP	1321771	8.26	5691557	10.88	3412918	16.06
15 TP-18 MS	999616*	8.26	3708540*	10.88	2052095*	16.06
16 TP-18 MSD	1156800	8.25	4522885	10.88	2455028*	16.06

IS1 BCM = Bromochloromethane  
 IS2 DFB = 1,4-Difluorobenzene  
 IS3 CB = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

8A  
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): C3735.D Date Analyzed: 01/19/01  
 Instrument ID: MSD-C Time Analyzed: 10:53  
 GC Column: RTX-624 ID: 0.53 (mm) Heated Purge (Y/N): Y

	IS1BCM AREA #	RT #	IS2DFB AREA #	RT #	IS3CB AREA #	RT #
12 HOUR STD	1979068	8.27	8852702	10.89	6725341	16.07
UPPER LIMIT	3958136	8.77	17705404	11.39	13450682	16.57
LOWER LIMIT	989534	7.77	4426351	10.39	3362671	15.57
NYSDEC SAMPLE NO.						
01 VBLKS2	1963830	8.26	8436302	10.89	6195568	16.07
02 VBLKS2MS	2045132	8.26	8715814	10.89	6692225	16.07
03 TP10	929534 *	8.26	3974016 *	10.89	2028872 *	16.07
04 TP12 RE	963094 *	8.27	3593584 *	10.89	1798242 *	16.07
05 TP-16	1538759	8.33	5714121	10.93	3493635	16.10
06 TP-17 RE	1159667	8.33	4271701 *	10.92	1977179 *	16.09
07 TP4	1293953	8.31	5191532	10.92	2941034 *	16.09
08 HOLDING BLK	1930538	8.32	8042065	10.93	6002402	16.10
09 VBLKW2MS	1854696	8.33	7659860	10.94	5905702	16.10

IS1 BCM = Bromochloromethane  
 IS2 DFB = 1,4-Difluorobenzene  
 IS3 CB = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

*ear*  
*2/16/01*

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## VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): C3823.D Date Analyzed: 01/25/01  
 Instrument ID: MSD-C Time Analyzed: 10:00  
 GC Column: RTX-624 ID: 0.53 (mm) Heated Purge (Y/N): Y

	IS1BCM AREA #	RT #	IS2DFB AREA #	RT #	IS3CB AREA #	RT #
12 HOUR STD	1774657	8.53	8133017	11.07	5937939	16.19
UPPER LIMIT	3549314	9.03	16266034	11.57	11875878	16.69
LOWER LIMIT	887329	8.03	4066509	10.57	2968970	15.69
NYSDEC SAMPLE NO.						
01 VBLKS3	1807977	8.53	7930099	11.07	6091915	16.19
02 TP-15 RE	1285737	8.53	4839161	11.07	3238744	16.20

IS1 BCM = Bromochloromethane  
 IS2 DFB = 1,4-Difluorobenzene  
 IS3 CB = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.  
 \* Values outside of contract required QC limits

2D  
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Level: (low/med) LOW

	NYSDEC SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	S7 (2CP) #	S8 (DCB) #	TOT OUT
01	GPCBLK16	*	*	*	*	*	*	*	*	8
02	SBLKS16	63	63	60	67	71	92	80	62	0
03	SBLKS16MS	78	80	76	80	85	97	95	77	0
04	TP-TP3 RE	59	61	117	60	59	63	68	51	0
05	SS5 RE	71	69	71	78	77	105	89	69	0
06	TP7,9 RE	72	71	76	78	76	97	91	68	0
07	SS4 RE	60	59	84	64	63	73	74	56	0
08	SBLKS24	69	73	70	64	76	95	90	70	0
09	SBLKS24MS	67	67	63	73	70	93	82	65	0
10	GPCBLK24	*	*	*	*	*	*	*	*	8
11	PG-NM	63	65	65	72	64	82	79	61	0
12	SS-15 DL	28	56	37	32	28	39	35	27	0
13	SS13	55	54	85	64	56	72	68	53	0
14	SS12 RE	64	65	123	70	62	78	78	60	0
15	BG-SOUTH DL	66	67	101	74	66	78	64	63	0
16	SS13 DL	53	53	71	64	54	70	71	53	0
17	SS-15	55	54	107	61	54	78	66	50	0
18	SS12	61	61	117	71	60	77	79	58	0
19	SS16 RE	59	61	174*	66	57	86	71	54	1
20	BG-N-JW	58	59	124	62	58	75	68	52	0
21	SS17	55	59	123	64	54	63	70	51	0
22	TP-TP11 RE	54	55	126	57	52	64	61	48	0
23	BG-N-NW DL	58	58	128	D	D	D	1D	D	0
24	BG-SOUTH	59	58	89	69	60	78	75	55	0
25	SS17 RE	53	55	134	62	54	71	66	50	0
26	SBLKS26	64	67	62	72	68	88	81	63	0
27	SBLKS26MS	53	55	58	60	55	79	65	52	0
28	SS16	54	58	127	64	56	82	68	52	0
29	BG-N-JW RE	53	57	131	62	55	79	66	51	0
30	GPCBLK26	*	*	*	*	*	*	*	*	8
31	TP-TP11	52	59	116	63	54	50	67	48	0
32	BG-N-NW	58	67	99	*	1*	*	1*	37	4
33	TP-18 DL	14D	22D	29	5D	1D	4D	6D	17D	0

QC LIMITS

S1 (NBZ)	=	Nitrobenzene-d5	(23-120)
S2 (FBP)	=	2-Fluorobiphenyl	(30-115)
S3 (TPH)	=	Terphenyl-d14	(18-137)
S4 (PHL)	=	Phenol-d5	(24-113)
S5 (2FP)	=	2-Fluorophenol	(25-121)
S6 (TBP)	=	2,4,6-Tribromophenol	(19-122)
S7 (2CP)	=	2-Chlorophenol-d4	(20-130)
S8 (DCB)	=	1,2-Dichlorobenzene-d4	(20-130)

# Column to be used to flag recovery values

\* Values outside of contract required QC limits

D Surrogate diluted out

2D  
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Level: (low/med) LOW

	NYSDEC SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	S7 (2CP) #	S8 (DCB) #	TOT OUT
34	TP-18	17 *	20 *	39	6 *	2 *	7 *	8 *	17 *	7
35	PG-SM RE	54	58	132	40	23 *	38	50	50	1
36	TP-TP14 RE	54	63	105	48	52	37	65	47	0
37	TP5 DUP RE	57	65	106	61	57	42	69	51	0
38	PG-SM	55	55	104	38	22 *	42	51	50	1
39	TP-TP14	64	74	107	52	62	44	77	54	0
40	SS7 RE	57	56	105	56	57	64	69	51	0
41	SS10 DLRE	65	71	81	70	72	78	91	66	0
42	TP-TP16 DL	57	72	155 D	54	47	36	72	55	0
43	TP-TP12 DL	9 D	11 D	16 D	2 D	1 D	2 D	2 D	9 D	0
44	TP5 DL	43	46	74	45	41	48	54	43	0
45	TP-TP16	63	69	132	51	47	51	70	54	0
46	SBLKS44	61	66	61	67	66	73	77	61	0
47	SBLKS44MS	58	63	55	11 *	48	52	67	45	1
48	GPCBLK44	*	*	*	*	*	*	*	*	8
49	SBLKS37	62	63	58	63	61	62	71	59	0
50	SBLKS37MS	54	56	51	53	53	56	61	51	0
51	TP5	58	62	114	54	52	50	64	54	0
52	GPCBLK37	*	*	*	*	*	*	*	*	8
53	TP-SS3	55	60	109	65	72	49	76	54	0
54	BG-NC	58	70	108	71	75	63	82	58	0
55	SS4	55	63	98	64	66	54	75	56	0
56	TP-TP3	44	61	108	58	63	46	67	48	0
57	SS9 DL	21 D	24 D	38	11 D	4 D	6 D	11 D	20	0
58	TP-TP1,2 MS	61	70	93	76	75	53	94	54	0
59	TP-TP1,2 MSD	49	56	96	60	59	40	76	49	0
60	TP5 DUP	57	64	88	51	54	36	68	48	0
61	GPCBLK43	*	*	*	*	*	*	*	*	8
62	SBLKS43	44	47	45	49	47	51	56	49	0
63	SBLKS43MS	48	47	43	46	47	52	57	49	0
64	SS5	59	60	53	63	61	62	70	60	0
65	TP-TP1,2 DL2	51	62	59	62	61	53	73	59	0
66	BG-NC DL	60	65	77	67	64	70	76	63	0

QC LIMITS

S1 (NBZ)	=	Nitrobenzene-d5	(23-120)
S2 (FBP)	=	2-Fluorobiphenyl	(30-115)
S3 (TPH)	=	Terphenyl-d14	(18-137)
S4 (PHL)	=	Phenol-d5	(24-113)
S5 (2FP)	=	2-Fluorophenol	(25-121)
S6 (TBP)	=	2,4,6-Tribromophenol	(19-122)
S7 (2CP)	=	2-Chlorophenol-d4	(20-130)
S8 (DCB)	=	1,2-Dichlorobenzene-d4	(20-130)

# Column to be used to flag recovery values

\* Values outside of contract required QC limits

D Surrogate diluted out

2D  
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Level: (low/med) LOW

	NYSDEC SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	S7 (2CP) #	S8 (DCB) #	TOT OUT
67	SS10 DL	44	51	70	49	46	54	55	45	0
68	BG-SOUTH MS	46	48	72	17 *	37	42	49	39	1
69	BG-SOUTH MSD	38	44	83	32	37	45	46	37	0
70	TP-TP1,2 DL1	47	50	44	55	55	42	59	45	0
71	TP-SS3 RE	48	57	87	64	66	47	78	51	0
72	TP-TP4 DL	11 D	13 D	20	12 D	9 D	7 D	12 D	11 D	0
73	SS9	21 *	23 *	50	11 *	5 *	6 *	12 *	20 *	7
74	TP7,9	46	45	80	32	20 *	31	41	44	1
75	TP10 RE	3 *	2 *	13 *	*	*	*	*	25	7
76	SS7	56	59	71	58	58	52	69	55	0
77	TP-TP4	18 *	20 *	27	15 *	14 *	9 *	19 *	16 *	7
78	TP10	3 *	2 *	19	*	*	*	*	*	7

QC LIMITS

S1 (NBZ)	=	Nitrobenzene-d5	(23-120)
S2 (FBP)	=	2-Fluorobiphenyl	(30-115)
S3 (TPH)	=	Terphenyl-d14	(18-137)
S4 (PHL)	=	Phenol-d5	(24-113)
S5 (2FP)	=	2-Fluorophenol	(25-121)
S6 (TBP)	=	2,4,6-Tribromophenol	(19-122)
S7 (2CP)	=	2-Chlorophenol-d4	(20-130)
S8 (DCB)	=	1,2-Dichlorobenzene-d4	(20-130)

# Column to be used to flag recovery values

\* Values outside of contract required QC limits

D Surrogate diluted out

00498

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1145.D Date Analyzed: 01/19/01  
 Instrument ID: MSD-A Time Analyzed: 20:56

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	1220027	25.51	752872	33.89	700503	38.05
UPPER LIMIT	2440054	26.01	1505744	34.39	1401006	38.55
LOWER LIMIT	610014	25.01	376436	33.39	350252	37.55
NYSDEC SAMPLE NO.						
01 SBLKW23	1735223	25.51	1238072	33.88	1091917	38.05
02 SBLKW23MS	1188407	25.52	761134	33.87	684617	38.04
03 RINSATE #1	1113935	25.51	521245	33.87	487024	38.04
04 RINSATE #2	1136242	25.51	635935	33.87	573060	38.04

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

00541

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1218.D Date Analyzed: 01/30/01  
 Instrument ID: MSD-A Time Analyzed: 10:48

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	1103023	11.46	3904648	15.37	2177627	20.90
UPPER LIMIT	2206046	11.96	7809296	15.87	4355254	21.40
LOWER LIMIT	551512	10.96	1952324	14.87	1088814	20.40
NYSDEC SAMPLE NO.						
01 GPCBLK16	1156978	11.45	3748669	15.36	1854961	20.88
02 SBLKS16	1116959	11.45	3966641	15.36	2052937	20.89
03 SBLKS16MS	1026676	11.47	3582488	15.38	1860138	20.90
04 TP-TP3 RE	1421782	11.48	4482423	15.40	1987487	20.95

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.  
 \* Values outside of contract required QC limits

00542



## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1218.D Date Analyzed: 01/30/01  
 Instrument ID: MSD-A Time Analyzed: 10:48

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	2683927	25.59	1631537	33.98	1271940	38.17
UPPER LIMIT	5367854	26.09	3263074	34.48	2543880	38.67
LOWER LIMIT	1341964	25.09	815769	33.48	635970	37.67
NYSDEC SAMPLE NO.						
01 GPCBLK16	2047249	25.57	1223901	33.95	978960	38.15
02 SBLKS16	2463801	25.58	1415355	33.96	1285022	38.16
03 SBLKS16MS	2081789	25.59	1259217	33.96	1031720	38.15
04 TP-TP3 RE	2001314	25.64	272465 *	34.02	186689 *	38.25

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

00543

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1235.D Date Analyzed: 01/31/01  
 Instrument ID: MSD-A Time Analyzed: 15:22

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	1188994	11.34	4359445	15.27	2297232	20.80
UPPER LIMIT	2377988	11.84	8718890	15.77	4594464	21.30
LOWER LIMIT	594497	10.84	2179723	14.77	1148616	20.30
NYSDEC SAMPLE NO.						
01 SS5 RE	1233007	11.32	4599796	15.24	2541979	20.78
02 TP7,9 RE	1211952	11.32	4465840	15.24	2431709	20.78
03 SS4 RE	1171068	11.33	4264630	15.25	2168327	20.79

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

00544

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1235.D Date Analyzed: 01/31/01  
 Instrument ID: MSD-A Time Analyzed: 15:22

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	2738889	25.49	1467087	33.87	1135982	38.05
UPPER LIMIT	5477778	25.99	2934174	34.37	2271964	38.55
LOWER LIMIT	1369445	24.99	733544	33.37	567991	37.55
NYSDEC SAMPLE NO.						
01 SS5 RE	3248114	25.47	1522244	33.85	1051442	38.02
02 TP7,9 RE	2718377	25.47	1134466	33.85	558822*	38.03
03 SS4 RE	2390706	25.49	720153*	33.89	380493*	38.08

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

00545

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1258.D Date Analyzed: 02/06/01  
 Instrument ID: MSD-A Time Analyzed: 08:52

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	1119781	11.10	3890345	15.02	2294540	20.53
UPPER LIMIT	2239562	11.60	7780690	15.52	4589080	21.03
LOWER LIMIT	559891	10.60	1945173	14.52	1147270	20.03
NYSDEC SAMPLE NO.						
01 SBLKS24	882564	11.10	3137321	14.99	1704595	20.50
02 SBLKS24MS	1100043	11.11	3975830	15.01	2336944	20.51
03 GPCBLK24	1096196	11.08	3906703	14.99	2216828	20.51

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

8C  
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1258.D Date Analyzed: 02/06/01  
 Instrument ID: MSD-A Time Analyzed: 08:52

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	2767861	25.20	1889614	33.57	1748890	37.73
UPPER LIMIT	5535722	25.70	3779228	34.07	3497780	38.23
LOWER LIMIT	1383931	24.70	944807	33.07	874445	37.23
NYSDEC SAMPLE NO.						
01 SBLKS24	2069850	25.17	1348427	33.53	1098280	37.70
02 SBLKS24MS	2779892	25.19	1699949	33.53	1469078	37.69
03 GPCBLK24	2783885	25.18	2081981	33.54	1716513	37.70

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.  
 \* Values outside of contract required QC limits

00547

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1266.D Date Analyzed: 02/06/01  
 Instrument ID: MSD-A Time Analyzed: 15:37

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	871155	11.08	3049225	15.00	1741901	20.52
UPPER LIMIT	1742310	11.58	6098450	15.50	3483802	21.02
LOWER LIMIT	435578	10.58	1524613	14.50	870951	20.02
NYSDEC SAMPLE NO.						
01 PG-NM	1161511	11.09	4082094	14.99	2162624	20.51
02 SS-15 DL	1275396	11.10	4585867	15.00	2640667	20.52
03 SS13	1086402	11.11	3966526	15.01	2252382	20.52
04 SS12 RE	1072068	11.12	3776639	15.01	2041630	20.53
05 <del>BG-SOUTH DL</del>	<del>1112301</del>	<del>11.10</del>	<del>9858882</del>	<del>15.01</del>	<del>2243718</del>	<del>20.51</del>

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1266.D Date Analyzed: 02/06/01  
 Instrument ID: MSD-A Time Analyzed: 15:37

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	2097851	25.18	1351683	33.54	1185857	37.69
UPPER LIMIT	4195702	25.68	2703366	34.04	2371714	38.19
LOWER LIMIT	1048926	24.68	675842	33.04	592929	37.19
NYSDEC SAMPLE NO.						
01 PG-NM	2462578	25.18	1357885	33.53	774858	37.69
02 SS-15 DL	3205524	25.20	1295446	33.56	522228 *	37.70
03 SS13	2504916	25.22	827903	33.59	369232 *	37.74
04 SS12 RE	2223093	25.21	569107 *	33.59	235064 *	37.75
05 <del>PG SOUTH DL</del>	<del>2001195</del>	<del>25.21</del>	<del>971115</del>	<del>33.56</del>	<del>984020</del>	<del>37.70</del>

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

00549

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1280.D Date Analyzed: 02/07/01  
 Instrument ID: MSD-A Time Analyzed: 09:09

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	1045839	11.02	3417069	14.93	1837615	20.44
UPPER LIMIT	2091678	11.52	6834138	15.43	3675230	20.94
LOWER LIMIT	522920	10.52	1708535	14.43	918808	19.94
NYSDEC SAMPLE NO.						
01 SS13 DL	1431111	11.01	5184526	14.91	2917216	20.44
02 SS-15	1436468	11.01	5214101	14.91	2664956	20.43
03 SS12	1526737	11.01	5634237	14.92	3067449	20.44
04 SS16 RE	1505934	11.01	5506940	14.92	2913826	20.44

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

00550

10/05



## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1280.D Date Analyzed: 02/07/01  
 Instrument ID: MSD-A Time Analyzed: 09:09

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	2154963	25.10	1288803	33.47	1058566	37.60
UPPER LIMIT	4309926	25.60	2577606	33.97	2117132	38.10
LOWER LIMIT	1077482	24.60	644402	32.97	529283	37.10
NYSDEC SAMPLE NO.						
01 SS13 DL	3374655	25.10	1320873	33.47	476721*	37.59
02 SS-15	3044513	25.10	766387	33.44	352196*	37.59
03 SS12	3204547	25.12	835398	33.47	398981*	37.62
04 SS16 RE	2948504	25.11	349497*	33.45	162796*	37.61

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

00551

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1287.D Date Analyzed: 02/07/01  
 Instrument ID: MSD-A Time Analyzed: 15:34

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	1290963	10.92	4523531	14.83	2571180	20.33
UPPER LIMIT	2581926	11.42	9047062	15.33	5142360	20.83
LOWER LIMIT	645482	10.42	2261766	14.33	1285590	19.83
NYSDEC SAMPLE NO.						
01 BG-N-JW	1396316	10.91	5029779	14.82	2768546	20.33
02 SS17	1633767	10.92	5810570	14.82	2922859	20.34
03 TP-TP11 RE	1483537	10.94	5377257	14.84	2670346	20.35
04 BG-N-NW DL	1133483	10.92	4079721	14.84	2376503	20.36

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.  
 \* Values outside of contract required QC limits

00552

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1287.D Date Analyzed: 02/07/01  
 Instrument ID: MSD-A Time Analyzed: 15:34

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	3230337	25.00	1984106	33.34	1414727	37.48
UPPER LIMIT	6460674	25.50	3968212	33.84	2829454	37.98
LOWER LIMIT	1615169	24.50	992053	32.84	707364	36.98
NYSDEC SAMPLE NO.						
01 BG-N-JW	2878620	24.99	504046 *	33.31	280860 *	37.46
02 SS17	2779485	25.01	440297 *	33.35	239573 *	37.50
03 TP-TP11 RE	2505773	25.03	418866 *	33.39	241321 *	37.54
04 BG-N-NW DL	2734034	25.03	532051 *	33.38	227676 *	37.54

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.  
 \* Values outside of contract required QC limits

00553

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1296.D Date Analyzed: 02/08/01  
 Instrument ID: MSD-A Time Analyzed: 09:23

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #	
	12 HOUR STD	678686	10.87	2434882	14.81	1330759	20.32
	UPPER LIMIT	1357372	11.37	4869764	15.31	2661518	20.82
	LOWER LIMIT	339343	10.37	1217441	14.31	665380	19.82
	NYSDEC SAMPLE NO.						
01	BG-SOUTH	856015	10.87	3142849	14.80	1740831	20.31
02	SS17 RE	1027653	10.88	3783248	14.81	1930628	20.33

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

00554

8C

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1296.D Date Analyzed: 02/08/01  
 Instrument ID: MSD-A Time Analyzed: 09:23

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	1531728	24.99	811707	33.33	604374	37.47
UPPER LIMIT	3063456	25.49	1623414	33.83	1208748	37.97
LOWER LIMIT	765864	24.49	405854	32.83	302187	36.97
NYSDEC SAMPLE NO.						
01 BG-SOUTH	1920268	24.98	591063	33.33	227498*	37.47
02 SS17 RE	2076681	25.00	308516*	33.34	154318*	37.49

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

00555

40/05

8B  
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1304.D Date Analyzed: 02/09/01  
 Instrument ID: MSD-A Time Analyzed: 08:21

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	1074885	11.03	3738562	14.93	2044480	20.44
UPPER LIMIT	2149770	11.53	7477124	15.43	4088960	20.94
LOWER LIMIT	537443	10.53	1869281	14.43	1022240	19.94
NYSDEC SAMPLE NO.						
01 SBLKS28	1090838	11.03	3784468	14.92	2025615	20.43
02 SBLKS28MS	1139474	11.02	4095324	14.92	2281384	20.43
03 SS16	1067278	11.01	4023370	14.91	2184798	20.43
04 BG-N-JW RE	1143012	11.02	4248690	14.92	2327009	20.44

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.  
 \* Values outside of contract required QC limits

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1304.D Date Analyzed: 02/09/01  
 Instrument ID: MSD-A Time Analyzed: 08:21

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	2508054	25.11	1528774	33.47	1350803	37.62
UPPER LIMIT	5016108	25.61	3057548	33.97	2701606	38.12
LOWER LIMIT	1254027	24.61	764387	32.97	675402	37.12
NYSDEC SAMPLE NO.						
01 SBLKS26	2323259	25.09	1470157	33.44	1229640	37.60
02 SBLKS26MS	2709773	25.11	1722499	33.45	1413428	37.60
03 SS16	2290703	25.10	507209 *	33.46	281244 *	37.60
04 BG-N-JW RE	2567583	25.12	451553 *	33.46	240276 *	37.63

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1310.D Date Analyzed: 02/09/01  
 Instrument ID: MSD-A Time Analyzed: 15:00

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	828362	10.98	3006671	14.90	1812627	20.41
UPPER LIMIT	1656724	11.48	6013342	15.40	3625254	20.91
LOWER LIMIT	414181	10.48	1503336	14.40	906314	19.91
NYSDEC SAMPLE NO.						
01 GPCBLK28	671328	10.96	2290850	14.89	1269870	20.40
02 TP-TP11	1081106	10.99	4340523	14.90	2216599	20.42
03 BG-N-NW	1300580	11.01	4764274	14.92	1965701	20.44
04 TP-18 DL	1093071	11.02	4106549	14.94	1851221	20.46

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits



## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1310.D Date Analyzed: 02/09/01  
 Instrument ID: MSD-A Time Analyzed: 15:00

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	2284774	25.08	1209081	33.43	883755	37.58
UPPER LIMIT	4569548	25.58	2418162	33.93	1767510	38.08
LOWER LIMIT	1142387	24.58	604541	32.93	441878	37.08
NYSDEC SAMPLE NO.						
01 GPCBLK26	1494712	25.06	1189839	33.42	1041184	37.58
02 TP-TP11	1641389	25.09	257026 *	33.46	121075 *	37.60
03 BG-N-NW	1549485	25.10	178907 *	33.45	129926 *	37.62
04 TP-18 DL	1449176	25.13	186952 *	33.48	122880 *	37.66

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

8B  
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1323.D Date Analyzed: 02/12/01  
 Instrument ID: MSD-A Time Analyzed: 10:53

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	1198241	10.88	4387810	14.80	2488167	20.31
UPPER LIMIT	2396482	11.38	8775620	15.30	4976334	20.81
LOWER LIMIT	599121	10.38	2193905	14.30	1244084	19.81
NYSDEC SAMPLE NO.						
01 TP-18	1145146	10.85	4216626	14.77	2268813	20.30
02 PG-SM RE	1249029	10.88	4637752	14.80	2446689	20.32
03 TP-TP14 RE	1554503	10.91	5613713	14.82	2536063	20.35
04 TP5 DUP	1372351	10.92	4941150	14.83	2265017	20.37

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

8C  
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1323.D Date Analyzed: 02/12/01  
 Instrument ID: MSD-A Time Analyzed: 10:53

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	3185600	24.97	2002679	33.34	1468139	37.49
UPPER LIMIT	6371200	25.47	4005358	33.84	2936278	37.99
LOWER LIMIT	1592800	24.47	1001340	32.84	734070	36.99
NYSDEC SAMPLE NO.						
01 TP-18	1987378	24.98	233584 *	33.34	166123 *	37.51
02 PG-SM RE	1965141	25.00	160572 *	33.35	104852 *	37.54
03 TP-TP14 RE	1455045 *	25.03	136290 *	33.37	99716 *	37.57
04 TP5 DUP	1415178 *	25.06	143635 *	33.40	97472 *	37.60

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

00561

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1338.D Date Analyzed: 02/13/01  
 Instrument ID: MSD-A Time Analyzed: 12:32

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	1074653	10.77	3820361	14.71	2181566	20.22
UPPER LIMIT	2149306	11.27	7640722	15.21	4363132	20.72
LOWER LIMIT	537327	10.27	1910181	14.21	1090783	19.72
NYSDEC SAMPLE NO.						
01 PG-SM	1232179	10.76	4413610	14.69	2334977	20.21
02 TP-TP14	1543679	10.79	5396349	14.72	2352634	20.25
03 SS7 RE	1157524	10.81	4075004	14.73	2178923	20.26

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

00562

8C  
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1338.D Date Analyzed: 02/13/01  
 Instrument ID: MSD-A Time Analyzed: 12:32

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	2499256	24.88	1549720	33.23	1086243	37.36
UPPER LIMIT	4998512	25.38	3099440	33.73	2172486	37.86
LOWER LIMIT	1249628	24.38	774860	32.73	543122	36.86
NYSDEC SAMPLE NO.						
01 PG-SM	1924632	24.88	244568 *	33.22	190896 *	37.40
02 TP-TP14	1283416	24.92	150557 *	33.25	124417 *	37.44
03 SS7 RE	1929606	24.93	356748 *	33.29	243023 *	37.46

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.  
 \* Values outside of contract required QC limits

00563

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1401.D Date Analyzed: 02/20/01  
 Instrument ID: MSD-A Time Analyzed: 11:35

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	815992	11.62	2843933	15.59	1703170	21.17
UPPER LIMIT	1631984	12.12	5687866	16.09	3406340	21.67
LOWER LIMIT	407996	11.12	1421967	15.09	851585	20.67
NYSDEC SAMPLE NO.						
01 GPCBLK44	898958	11.63	3203520	15.59	1887832	21.16

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.  
 \* Values outside of contract required QC limits

00564

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1401.D Date Analyzed: 02/20/01  
 Instrument ID: MSD-A Time Analyzed: 11:35

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	2341384	25.85	1511507	34.25	1329954	38.47
UPPER LIMIT	4682768	26.35	3023014	34.75	2659908	38.97
LOWER LIMIT	1170692	25.35	755754	33.75	664977	37.97
NYSDEC SAMPLE NO.						
01 GPCBLK44	2656456	25.85	1972541	34.25	1803761	38.49

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1413.D Date Analyzed: 02/22/01  
 Instrument ID: MSD-A Time Analyzed: 08:09

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	772397	11.63	2767020	15.59	1694296	21.16
UPPER LIMIT	1544794	12.13	5534040	16.09	3388592	21.66
LOWER LIMIT	386199	11.13	1383510	15.09	847148	20.66
NYSDEC SAMPLE NO.						
01 SBLKS37	820196	11.64	2991568	15.58	1762152	21.15
02 SBLKS37MS	829246	11.64	2868972	15.58	1678798	21.14
03 TP5	793077	11.61	2781546	15.57	1487523	21.15

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits



8C  
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1413.D Date Analyzed: 02/22/01  
 Instrument ID: MSD-A Time Analyzed: 08:09

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	2323471	25.85	1467486	34.25	1207667	38.47
UPPER LIMIT	4646942	26.35	2934972	34.75	2415334	38.97
LOWER LIMIT	1161736	25.35	733743	33.75	603834	37.97
NYSDEC SAMPLE NO.						
01 SBLKS37	2424171	25.82	1735964	34.23	1418133	38.45
02 SBLKS37MS	2288377	25.83	1605264	34.21	1287974	38.44
03 TP5	1542871	25.84	273338 *	34.25	178368 *	38.48

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.  
 \* Values outside of contract required QC limits

00567

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1423.D Date Analyzed: 02/27/01  
 Instrument ID: MSD-A Time Analyzed: 08:02

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	677781	11.70	2281088	15.66	1392980	21.23
UPPER LIMIT	1355562	12.20	4562176	16.16	2785960	21.73
LOWER LIMIT	338891	11.20	1140544	15.16	696490	20.73
NYSDEC SAMPLE NO.						
01 GPCBLK43	747743	11.68	2582707	15.63	1572138	21.21
02 SBLKS43	572017	11.67	1996577	15.62	1199780	21.20
03 SBLKS43MS	846727	11.68	3019464	15.64	1865234	21.21
04 SS5	949138	11.71	3466609	15.64	2048942	21.21
05 TP-TP1,2 DL2	807093	11.67	2891496	15.62	1754406	21.20
06 BG-NC DL	914514	11.70	3328447	15.63	2002180	21.20
07 SS10 DL	1041518	11.67	3709090	15.62	2193829	21.21
08 BG-SOUTH MS	1050554	11.68	3681890	15.64	2174290	21.23
09 BG-SOUTH MSD	1007480	11.69	3589348	15.65	2080155	21.24

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

8C  
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1423.D Date Analyzed: 02/27/01  
 Instrument ID: MSD-A Time Analyzed: 08:02

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	1916799	25.92	1166577	34.34	1100740	38.57
UPPER LIMIT	3833598	26.42	2333154	34.84	2201480	39.07
LOWER LIMIT	958400	25.42	583289	33.84	550370	38.07
NYSDEC SAMPLE NO.						
01 GPCBLK43	2146275	25.89	1640346	34.30	1658553	38.55
02 SBLKS43	1552405	25.88	1043952	34.29	969719	38.53
03 SBLKS43MS	2426349	25.89	1576810	34.31	1493976	38.55
04 SS5	2638457	25.90	1577703	34.31	1132981	38.55
05 TP-TP1,2 DL2	2371302	25.89	1364193	34.32	881496	38.55
06 BG-NC DL	2707356	25.90	1159827	34.33	548019*	38.55
07 SS10 DL	2827333	25.91	1069266	34.33	526217*	38.56
08 BG-SOUTH M5	2551094	25.93	806835	34.34	497707*	38.60
09 BG-SOUTH M5D	2330532	25.94	393809*	34.35	271510*	38.63

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

00569

8B

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1436.D Date Analyzed: 02/28/01  
 Instrument ID: MSD-A Time Analyzed: 10:26

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	532195	11.60	1815035	15.57	1057857	21.14
UPPER LIMIT	1064390	12.10	3630070	16.07	2115714	21.64
LOWER LIMIT	266098	11.10	907518	15.07	528929	20.64
NYSDEC SAMPLE NO.						
01 TP7,9	934743	11.60	3363574	15.57	1881901	21.15

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

00570

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1436.D Date Analyzed: 02/28/01  
 Instrument ID: MSD-A Time Analyzed: 10:26

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	1412214	25.83	741712	34.23	603301	38.45
UPPER LIMIT	2824428	26.33	1483424	34.73	1206602	38.95
LOWER LIMIT	706107	25.33	370856	33.73	301651	37.95
NYSDEC SAMPLE NO.						
01 TP7,9	2024384	25.85	481425	34.26	307981	38.50

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.  
 \* Values outside of contract required QC limits

00571

8B

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1441.D Date Analyzed: 02/28/01  
 Instrument ID: MSD-A Time Analyzed: 15:46

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	816788	11.53	2909315	15.50	1709858	21.07
UPPER LIMIT	1633576	12.03	5818630	16.00	3419716	21.57
LOWER LIMIT	408394	11.03	1454658	15.00	854929	20.57
NYSDEC SAMPLE NO.						
01 TP10 RE	1075915	11.56	3784958	15.52	1897467	21.10

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

00572

8C

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1441.D Date Analyzed: 02/28/01  
 Instrument ID: MSD-A Time Analyzed: 15:46

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	2307650	25.75	1283224	34.15	1166794	38.36
UPPER LIMIT	4615300	26.25	2566448	34.65	2333588	38.86
LOWER LIMIT	1153825	25.25	641612	33.65	583397	37.86
NYSDEC SAMPLE NO.						
01 TP10 RE	1403277	25.79	187723 *	34.16	95123 *	38.41

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

00573

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1454.D Date Analyzed: 03/01/01  
 Instrument ID: MSD-A Time Analyzed: 10:54

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #	
	12 HOUR STD	609735	11.78	2199507	15.74	1341315	21.32
	UPPER LIMIT	1219470	12.28	4399014	16.24	2682630	21.82
	LOWER LIMIT	304868	11.28	1099754	15.24	670658	20.82
	NYSDEC SAMPLE NO.						
01	SS7	672659	11.80	2561458	15.75	1396979	21.33
02	TP-TP4	815032	11.81	2777062	15.77	1169530	21.37

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.  
 \* Values outside of contract required QC limits

00574

10/95



## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1454.D Date Analyzed: 03/01/01  
 Instrument ID: MSD-A Time Analyzed: 10:54

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	1755301	26.03	979939	34.48	811871	38.76
UPPER LIMIT	3510602	26.53	1959878	34.98	1623742	39.26
LOWER LIMIT	877651	25.53	489970	33.98	405936	38.26
NYSDEC SAMPLE NO.						
01 SS7	1537556	26.05	535252	34.51	191363 *	38.81
02 TP-TP4	1093960	26.11	172009 *	34.59	81724 *	38.91

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

00575

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1474.D Date Analyzed: 03/02/01  
 Instrument ID: MSD-A Time Analyzed: 09:45

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	758387	11.71	2652636	15.68	1483336	21.26
UPPER LIMIT	1516774	12.21	5305272	16.18	2966672	21.76
LOWER LIMIT	379194	11.21	1326318	15.18	741668	20.76
NYSDEC SAMPLE NO.						
01 TP10	927948	11.69	3041270	15.65	1849801	21.25

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

00576

8C  
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): A1474.D Date Analyzed: 03/02/01  
 Instrument ID: MSD-A Time Analyzed: 09:45

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	1851817	25.96	1125947	34.40	952881	38.65
UPPER LIMIT	3703634	26.46	2251894	34.90	1905762	39.15
LOWER LIMIT	925909	25.46	562974	33.90	476441	38.15
NYSDEC SAMPLE NO.						
01 TP10	1773621	25.95	205444 *	34.38	101383 *	38.68

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.  
 \* Values outside of contract required QC limits

00577

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): B1731.D Date Analyzed: 02/16/01  
 Instrument ID: MSD-B Time Analyzed: 08:03

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	54477	10.77	161534	14.73	109378	20.26
UPPER LIMIT	108954	11.27	323068	15.23	218756	20.76
LOWER LIMIT	27239	10.27	80767	14.23	54689	19.76
NYSDEC SAMPLE NO.						
01 SS10 DLRE	71118	10.75	222001	14.71	144896	20.24
02 TP-TP16 DL	98743	10.77	344941 *	14.73	216473	20.26

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

00578

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): B1731.D Date Analyzed: 02/16/01  
 Instrument ID: MSD-B Time Analyzed: 08:03

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	221633	24.90	296431	33.25	201000	37.41
UPPER LIMIT	443266	25.40	592862	33.75	402000	37.91
LOWER LIMIT	110817	24.40	148216	32.75	100500	36.91
NYSDEC SAMPLE NO.						
01 SS10 DLRE	246212	24.89	195166	33.25	80385 *	37.41
02 TP-TP16 DL	283082	24.91	104745 *	33.27	39296 *	37.43

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

00579

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): B1744.D Date Analyzed: 02/19/01  
 Instrument ID: MSD-B Time Analyzed: 14:09

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	103507	10.61	313658	14.58	205514	20.11
UPPER LIMIT	207014	11.11	627316	15.08	411028	20.61
LOWER LIMIT	51754	10.11	156829	14.08	102757	19.61
NYSDEC SAMPLE NO.						
01 TP-TP12 DL	101041	10.63	333461	14.60	209116	20.13
02 TP5 DL	72525	10.63	233042	14.61	149933	20.15
03 TP-TP16	95551	10.64	312862	14.61	190008	20.15

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d-8

IS3 (ANT) = Acenaphthene-d10

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

00580

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): B1744.D Date Analyzed: 02/19/01  
 Instrument ID: MSD-B Time Analyzed: 14:09

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	365207	24.75	327993	33.09	258871	37.24
UPPER LIMIT	730414	25.25	655986	33.59	517742	37.74
LOWER LIMIT	182604	24.25	163997	32.59	129436	36.74
NYSDEC SAMPLE NO.						
01 TP-TP12 DL	353040	24.79	251483	33.18	157140	37.37
02 TP5 DL	252535	24.80	137328 *	33.16	58352 *	37.33
03 TP-TP16	312062	24.81	88514 *	33.19	50969 *	37.36

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

00581

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): B1754.D Date Analyzed: 02/20/01  
 Instrument ID: MSD-B Time Analyzed: 10:15

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	160106	10.55	459968	14.52	292296	20.04
UPPER LIMIT	320212	11.05	919936	15.02	584592	20.54
LOWER LIMIT	80053	10.05	229984	14.02	146148	19.54
NYSDEC SAMPLE NO.						
01 SBLKS44	129778	10.54	373999	14.50	213998	20.03
02 SBLKS44MS	138677	10.54	420956	14.50	246494	20.03

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

00582



## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): B1754.D Date Analyzed: 02/20/01  
 Instrument ID: MSD-B Time Analyzed: 10:15

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	505258	24.68	424772	33.00	272551	37.14
UPPER LIMIT	1010516	25.18	849544	33.50	545102	37.64
LOWER LIMIT	252629	24.18	212386	32.50	136276	36.64
NYSDEC SAMPLE NO.						
01 SBLKS44	353374	24.66	324495	32.98	231623	37.12
02 SBLKS44MS	409620	24.65	398877	32.98	292165	37.13

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.  
 \* Values outside of contract required QC limits

00583

8B  
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): B1790.D Date Analyzed: 02/22/01  
 Instrument ID: MSD-B Time Analyzed: 14:20

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	201577	10.62	604003	14.56	421954	20.09
UPPER LIMIT	403154	11.12	1208006	15.06	843908	20.59
LOWER LIMIT	100789	10.12	302002	14.06	210977	19.59
NYSDEC SAMPLE NO.						
01 GPCBLK37	177464	10.60	540180	14.55	352587	20.08
02 TP-SS3	203271	10.64	658483	14.56	377731	20.08
03 BG-NC	211062	10.66	682025	14.57	386439	20.09
04 SS4	232570	10.64	733602	14.58	405369	20.11
05 TP-TP3	216071	10.67	779596	14.62	397935	20.16
06 SS9 DL	196266	10.64	638551	14.59	394151	20.12
07 TP-TP1,2 MS	231716	10.69	689324	14.61	345192	20.13
08 TP-TP1,2 MSD	264514	10.71	844274	14.63	438486	20.15
09 TP5 DUP	251032	10.67	706164	14.61	342840	20.15

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 • IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.  
 \* Values outside of contract required QC limits

00584

8C  
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): B1790.D Date Analyzed: 02/22/01  
 Instrument ID: MSD-B Time Analyzed: 14:20

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	785964	24.73	663330	33.08	559356	37.24
UPPER LIMIT	1571928	25.23	1326660	33.58	1118712	37.74
LOWER LIMIT	392982	24.23	331665	32.58	279678	36.74
NYSDEC SAMPLE NO.						
01 GPCBLK37	582806	24.71	585047	33.05	517957	37.22
02 TP-SS3	532033	24.72	139801 *	33.05	71598 *	37.22
03 BG-NC	584683	24.74	233221 *	33.10	125176 *	37.25
04 SS4	599071	24.75	238776 *	33.09	98812 *	37.26
05 TP-TP3	478199	24.78	104598 *	33.12	54940 *	37.30
06 SS9 DL	562429	24.77	222516 *	33.12	112715 *	37.29
07 TP-TP1,2 MS	444103	24.86	109408 *	33.17	74590 *	37.34
08 TP-TP1,2 MSD	504099	24.80	102472 *	33.15	53002 *	37.32
09 TP5 DUP	338304 *	24.81	71813 *	33.17	47688 *	37.36

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.  
 \* Values outside of contract required QC limits

00585

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): B1802.D Date Analyzed: 02/27/01  
 Instrument ID: MSD-B Time Analyzed: 11:48

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	149741	10.50	451278	14.46	331181	19.98
UPPER LIMIT	299482	11.00	902556	14.96	662362	20.48
LOWER LIMIT	74871	10.00	225639	13.96	165591	19.48
NYSDEC SAMPLE NO.						
01 TP-TP1,2 DL1	162363	10.50	529471	14.44	311169	19.98
02 TP-SS3 RE	229120	10.53	763424	14.47	420517	19.99
03 TP-TP4 DL	162774	10.50	538530	14.46	320423	19.99
04 SS9	250850	10.52	797346	14.47	447208	20.01

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

8C  
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): B1802.D Date Analyzed: 02/27/01  
 Instrument ID: MSD-B Time Analyzed: 11:48

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	675994	24.62	508162	32.97	246081	37.11
UPPER LIMIT	1351988	25.12	1016324	33.47	492162	37.61
LOWER LIMIT	337997	24.12	254081	32.47	123041	36.61
NYSDEC SAMPLE NO.						
01 TP-TP1,2 DL1	508450	24.62	371768	32.97	183728	37.11
02 TP-SS3 RE	623135	24.63	161524 *	32.96	65071 *	37.11
03 TP-TP4 DL	464569	24.64	172338 *	32.98	54943 *	37.12
04 SS9	590871	24.65	78659 *	32.98	33363 *	37.14

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.  
 \* Values outside of contract required QC limits

00587

10B  
PCB IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

L62601-19

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Lab Sample ID: L62601-19

Date(s) Analyzed: 01/24/01 01/26/01

Instrument ID (1): HP1

Instrument ID (2): HP2

GC Column(1): RTX-CLPESTICIDES 2 ID: 0.32(mm)

GC Column(2): RTX-CLPESTICIDES 1 ID: 0.32(mm)

ANALYTE	PEAK	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%D
			FROM	TO			
Aroclor-1254	1	13.77	13.67	13.87	0.03		
	2	14.14	14.06	14.26	0.01		
	3	14.82	14.74	14.94	0.02		
	4	15.84	15.75	15.95	0.04		
	5	16.53	16.44	16.64	0.07	0.03	
COLUMN 1	1	12.43	12.34	12.54	0.02		
	2	13.86	13.76	13.96	0.04		
	3	14.45	14.36	14.56	0.04		
	4	14.85	14.75	14.95	0.04		
	5	15.43	15.33	15.53	0.05	0.04	33.3
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

10B  
PCB IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

L62601-38

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Lab Sample ID: L62601-38

Date(s) Analyzed: 01/25/01 01/26/01

Instrument ID (1): HP1

Instrument ID (2): HP2

GC Column(1): RTX-CLPESTICIDES 2 ID: 0.32(mm)

GC Column(2): RTX-CLPESTICIDES 1 ID: 0.32(mm)

ANALYTE	PEAK	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%D
			FROM	TO			
Aroclor-1254	1	13.77	13.67	13.87	0.01		
	2	14.16	14.06	14.26	0.02		
	3	14.83	14.74	14.94	0.03		
	4	15.85	15.75	15.95	0.03		
	5	16.54	16.44	16.64	0.03	0.00	
COLUMN 1	1	12.43	12.34	12.54	0.02		
	2	13.86	13.76	13.96	0.02		
	3	14.84	14.75	14.95	0.03		
	4	15.43	15.33	15.53	0.03		
	5					0.02	999.9
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

10B  
PCB IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

L62601-65

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Lab Sample ID: L62601-65

Date(s) Analyzed: 01/25/01 01/26/01

Instrument ID (1): HP1

Instrument ID (2): HP2

GC Column(1): RTX-CLPESTICIDES 2 ID: 0.32(mm)

GC Column(2): RTX-CLPESTICIDES 1 ID: 0.32(mm)

ANALYTE	PEAK	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%D
			FROM	TO			
Aroclor-1254	1	13.77	13.67	13.87	0.11	0.20	
	2	14.16	14.06	14.26	0.16		
	3	14.83	14.74	14.94	0.25		
	4	15.85	15.75	15.95	0.28		
	5						
COLUMN 1	1	12.44	12.34	12.54	0.17	0.29	45.0
	2	13.87	13.76	13.96	0.25		
	3	14.47	14.36	14.56	0.26		
	4	14.86	14.75	14.95	0.48		
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						



10B  
PCB IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

L62601-66

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: ASP17

Lab Sample ID: L62601-66

Date(s) Analyzed: 01/25/01 01/26/01

Instrument ID (1): HP1

Instrument ID (2): HP2

GC Column(1): RTX-CLPESTICIDES 2 ID: 0.32(mm)

GC Column(2): RTX-CLPESTICIDES 1 ID: 0.32(mm)

ANALYTE	PEAK	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%D
			FROM	TO			
Aroclor-1254	1	14.16	14.06	14.26	0.04	0.14	
	2	14.81	14.74	14.94	0.23		
	3	15.85	15.75	15.95	0.09		
	4	16.54	16.44	16.64	0.19		
	5						
COLUMN 1	1	13.87	13.76	13.96	0.06	0.09	55.6
	2	14.47	14.36	14.56	0.09		
	3	14.86	14.75	14.95	0.11		
	4	15.45	15.33	15.53	0.08		
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

## SPIKE SAMPLE RECOVERY

BG-SOUTH S

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 77.0

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

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Aluminum							NR
Antimony	75-125	20.4738	2.7515 U	55.03	37.2	N	P
Arsenic	75-125	12.7542	7.8591	4.90	99.9		F
Barium	75-125	308.4638	105.3688	220.12	92.3		P
Beryllium	75-125	5.3662	0.5970	5.50	86.7		P
Cadmium	75-125	5.5510	0.8014	5.50	86.4		P
Calcium							NR
Chromium	75-125	38.6734	18.6899	22.01	90.8		P
Cobalt	75-125	56.2552	7.9640	55.03	87.8		P
Copper	75-125	45.9922	22.5484	27.51	85.2		P
Iron							NR
Lead		2098.3168	1254.1613	55.03	1534.0		P
Magnesium							NR
Manganese		448.1366	437.3125	55.03	19.7		P
Mercury	75-125	0.3082	0.2286	0.0643	123.7		CV
Nickel	75-125	64.4657	17.6464	55.03	85.1		P
Potassium							NR
Selenium	75-125	1.2521	0.2572 U	1.23	101.8		F
Silver	75-125	4.3552	0.6604 U	5.50	79.2		P
Sodium							NR
Thallium	75-125	5.7817	0.2572 U	6.13	94.3		F
Vanadium	75-125	72.2706	28.5308	55.03	79.5		P
Zinc		373.0012	352.2551	55.03	37.7		P
Cyanide	75-125	4.9891	1.5145	5.05	68.8	N	AS

Comments:

## SPIKE SAMPLE RECOVERY

TP-TP1,2 S

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): SOIL Level (low/med): LOW

Solids for Sample: 81.5

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

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Aluminum							NR
Antimony	75-125	25.5572	3.8105 B	54.78	39.7	N	P
Arsenic	75-125	8.3008	3.8174	4.91	91.3		F
Barium	75-125	275.7496	86.1718	219.11	86.5		P
Beryllium	75-125	5.2252	0.5091 B	5.48	86.1		P
Cadmium	75-125	4.9670	0.4503 U	5.48	90.6		P
Calcium							NR
Chromium	75-125	29.9103	12.3604	21.91	80.1		P
Cobalt	75-125	53.1745	7.4298	54.78	83.5		P
Copper	75-125	51.9687	29.0464	27.39	83.7		P
Iron							NR
Lead	75-125	203.0088	152.8402	54.78	91.6		P
Magnesium							NR
Manganese		486.7615	422.3622	54.78	117.6		P
Mercury	75-125	0.2223	0.1066	0.0601	192.5	N	CV
Nickel	75-125	60.6880	16.4439	54.78	80.8		P
Potassium							NR
Selenium	75-125	1.3374	0.2097 U	1.23	108.7		F
Silver	75-125	4.9687	0.6754 U	5.48	90.7		P
Sodium							NR
Thallium	75-125	6.4454	0.2097 U	6.13	105.1		F
Vanadium	75-125	64.6421	18.8103	54.78	83.7		P
Zinc	75-125	161.2483	118.2522	54.78	78.5		P
Cyanide	75-125	5.5752	0.8506	5.59	84.5		AS

Comments:

BG-SOUTH A

Lab Name: FRIEND LABORATORY, INC.\_\_\_\_

Contract:\_\_\_\_\_

Lab Code: 10252\_

Case No.:\_\_\_\_\_

SAS No.:\_\_\_\_\_

SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_

Level (low/med): LOW\_

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Aluminum							NR
Antimony		961.20	25.00 U	1000.0	96.1		P
Arsenic							NR
Barium							NR
Beryllium							NR
Cadmium							NR
Calcium							NR
Chromium							NR
Cobalt							NR
Copper							NR
Iron							NR
Lead							NR
Magnesium							NR
Manganese							NR
Mercury							NR
Nickel							NR
Potassium							NR
Selenium							NR
Silver							NR
Sodium							NR
Thallium							NR
Vanadium							NR
Zinc							NR
Cyanide							NR

Comments:

Lab Name: FRIEND LABORATORY, INC.\_\_\_\_

Contract:\_\_\_\_\_

ab Code: 10252\_

Case No.:\_\_\_\_\_

SAS No.:\_\_\_\_\_

SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_

Level (low/med): LOW\_\_

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Aluminum							NR
Antimony		1009.50	33.85 B	1000.0	97.6		P
Arsenic							NR
Barium							NR
Beryllium							NR
Cadmium							NR
Calcium							NR
Chromium							NR
Cobalt							NR
Copper							NR
Iron							NR
Lead							NR
Magnesium							NR
Manganese							NR
Mercury							NR
Nickel							NR
Potassium							NR
Selenium							NR
Silver							NR
Sodium							NR
Thallium							NR
Vanadium							NR
Zinc							NR
Cyanide							NR

Comments:

DUPLICATES

BG-SOUTH D

Lab Name: FRIEND LABORATORY, INC.

Contract: \_\_\_\_\_

Lab Code: 10252

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: TRINIDAD

Matrix (soil/water): SOIL

Level (low/med): LOW

% Solids for Sample: 77.0

% Solids for Duplicate: 77.0

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		12601.4058		10801.8078		15.4		P
Antimony	7.4925	2.7515	U	3.1219	U			P
Arsenic	2.2586	7.8591		7.0378		11.0		F
Barium	24.9750	105.3688		115.0051		8.7		P
Beryllium	0.6244	0.5970		0.5226	B	13.3		P
Cadmium	0.6244	0.8014		1.3799		53.0		P
Calcium		10601.5449		9293.8040		13.1		P
Chromium		18.6899		20.1222		7.4		P
Cobalt	6.2438	7.9640		8.4022		5.4		P
Copper		22.5484		24.1019		6.7		P
Iron		20590.4206		20497.3074		0.5		P
Lead		1254.1613		1804.1208		36.0	*	P
Magnesium		6079.5605		4073.4425		39.5	*	P
Manganese		437.3125		514.0392		16.1		P
Mercury		0.2286		0.3341		37.5	*	CV
Nickel	4.9950	17.6464		17.7699		0.7		P
Potassium	624.3756	1660.6613		1448.5722		13.6		P
Selenium	0.5647	0.2572	U	0.2259	U			F
Silver	1.2488	0.6604	U	0.7493	U			P
Sodium	624.3756	127.3829	B	121.1748	B	5.0		P
Thallium	1.1293	0.2572	U	0.2259	U			F
Vanadium	6.2438	28.5308		25.1375		12.6		P
Zinc		352.2551		364.8696		3.5		P
Cyanide	0.6317	1.5145		0.5329	B	95.9	*	AS

Lab Name: FRIEND LABORATORY, INC.

Contract: \_\_\_\_\_

Lab Code: 10252

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: TRINIDAD

Matrix (soil/water): SOIL

Level (low/med): LOW

% Solids for Sample: 81.5

% Solids for Duplicate: 81.5

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		8609.4566		8709.3612		1.2		P
Antimony	7.3620	3.8105	B	3.0675	U	200.0		P
Arsenic	1.7331	3.8174		4.0641		6.3		F
Barium	24.5399	86.1718		92.0329		6.6		P
Beryllium	0.6135	0.5091	B	0.4425	B	14.0		P
Cadmium	0.6135	0.4503	U	0.4908	U			P
Calcium	12269.9387	85197.1381		45111.4108		61.5	*	P
Chromium		12.3604		11.8871		3.9		P
Cobalt	6.1350	7.4298		6.2575		17.1		P
Copper		29.0464		31.6223		8.5		P
Iron		15356.4949		15107.9031		1.6		P
Lead		152.8402		142.9318		6.7		P
Magnesium		13206.9987		10000.9610		27.6	*	P
Manganese		422.3622		379.0134		10.8		P
Mercury		0.1066		0.2230		70.6	*	CV
Nickel	4.9080	16.4439		14.5888		12.0		P
Potassium	613.4969	1552.7924		1219.3860		24.1		P
Selenium	0.5199	0.2097	U	0.2080	U			F
Silver	1.2270	0.6754	U	0.7362	U			P
Sodium	613.4969	206.0218	B	161.9382	B	24.0		P
Thallium	1.0398	0.2097	U	0.2080	U			F
Vanadium	6.1350	18.8103		18.3654		2.4		P
Zinc		118.2522		121.5494		2.7		P
Cyanide	0.5916	0.8506		0.1775	U	200.0	*	AS

Lab Name: FRIEND LABORATORY, INC.\_\_\_\_

Contract:\_\_\_\_\_

Lab Code: 10252 Case No.:\_\_\_\_\_

SAS No.:\_\_\_\_\_

SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_

Level (low/med): LOW\_\_\_\_

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Differ- ence	Q	M
Aluminum	70916.91		74762.50		5.4		P
Antimony	25.00	U	125.00	U			P
Arsenic							NR
Barium	668.48		695.45	B	4.0		P
Beryllium	4.05	B	5.00	U	100.0		P
Cadmium	4.08	B	20.00	U	100.0		P
Calcium	206401.17		217574.20		5.4		P
Chromium	111.56		110.50		1.0		P
Cobalt	59.41		74.33	B	25.1		P
Copper	245.90		270.90		10.2		P
Iron	131314.45		139550.23		6.3		P
Lead	2222.76		2401.44		8.0		P
Magnesium	66496.67		70501.99		6.0		P
Manganese	3484.90		3692.94		6.0		P
Mercury							NR
Nickel	148.31		132.68	B	10.5		P
Potassium	13618.24		13591.56	B	0.2		P
Selenium							NR
Silver	6.00	U	30.00	U			P
Sodium	2702.94	B	3166.57	B	17.2		P
Thallium							NR
Vanadium	176.32		188.25	B	6.8		P
Zinc	1428.49		1528.15		7.0		P



Lab Name: FRIEND LABORATORY, INC.\_\_\_\_

Contract:\_\_\_\_\_

Lab Code: 10252\_ Case No.:\_\_\_\_\_

SAS No.:\_\_\_\_\_

SDG No.: TRINIDAD

Matrix (soil/water): SOIL\_\_\_\_

Level (low/med): LOW\_\_\_\_

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Differ- ence	Q	M
Aluminum	62622.87		65636.81		4.8		P
Antimony	25.00	U	125.00	U			P
Arsenic							NR
Barium	430.52		438.14	B	1.8		P
Beryllium	4.19	B	5.00	U	100.0		P
Cadmium	4.00	U	20.00	U			P
Calcium	471540.85		486816.38		3.2		P
Chromium	81.56		87.47		7.2		P
Cobalt	48.12	B	70.67	B	46.9		P
Copper	179.90		196.49		9.2		P
Iron	126291.24		131626.46		4.2		P
Lead	562.57		741.50		31.8		P
Magnesium	47388.19		49557.78		4.6		P
Manganese	2322.31		2423.39		4.4		P
Mercury							NR
Nickel	111.43		113.79	B	2.1		P
Potassium	6304.69		6473.56	B	2.7		P
Selenium							NR
Silver	6.00	U	30.00	U			P
Sodium	961.50	B	1351.54	B	40.6		P
Thallium							NR
Vanadium	170.55		174.39	B	2.3		P
Zinc	773.85		815.57		5.4		P

**SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET**  
**TENTATIVELY IDENTIFIED COMPOUNDS**

NYSDOC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: LL62601-69

Sample wt/vol: \_\_\_\_\_ (g/ml)

Lab File ID: A1148.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted: (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (µL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (µL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

CONCENTRATION UNITS:

Number TICs found: 0

(µg/L or µg/Kg) \_\_\_\_\_

*R44170  
B-11  
1/23*

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

FORM-GLP-SV-TIC

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

RINSATE #2

Lab Name: FRIEND LABORATORY, INC. Contract: Subsurface

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) WATER Lab Sample ID: L62601-70

Sample wt/vol: 820 (g/ml) ML Lab File ID: A1149.D

Level: (low/med) LOW Date Received: 01/12/01

% Moisture: \_\_\_\_\_ decanted:(Y/N) N Date Extracted: 01/17/01

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/01

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-95-2	Phenol	12	U
111-44-4	bis(2-Chloroethylether)	12	U
95-57-8	2-Chlorophenol	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
95-48-7	2-Methylphenol	12	U
108-60-1	2,2'-oxybis(1-Chloropropane)	12	U
106-44-5	4-Methylphenol	12	U
621-64-7	N-Nitrosodi-n-propylamine	12	U
67-72-1	Hexachloroethane	12	U
98-95-30	Nitrobenzene	12	U
78-59-1	Isophorone	12	U
88-75-52	2-Nitrophenol	12	U
105-67-9	2,4-Dimethylphenol	12	U
111-91-1	bis(2-Chloroethoxymethane)	12	U
120-83-2	2,4-Dichlorophenol	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U
91-20-3	Naphthalene	12	U
106-47-8	4-Chloroaniline	12	U
87-68-3	Hexachlorobutadiene	12	U
59-50-7	4-Chloro-3-methylphenol	12	U
91-57-6	2-Methylnaphthalene	12	U
77-47-4	Hexachlorocyclopentadiene	12	U
88-06-2	2,4,6-Trichlorophenol	12	U
95-95-4	2,4,5-Trichlorophenol	30	U
91-58-7	2-Chloronaphthalene	12	U
88-74-4	2-Nitroaniline	30	U
131-11-3	Dimethyl phthalate	12	U
208-96-8	Acenaphthylene	12	U
606-20-2	2,6-Dinitrotoluene	12	U
99-09-2	3-Nitroaniline	30	U
83-32-9	Acenaphthene	12	U
51-28-5	2,4-Dinitrophenol	30	U
100-02-7	4-Nitrophenol	30	U
132-64-9	Dibenzofuran	12	U
121-14-2	2,4-Dinitrotoluene	12	U

02038

**DATA USABILITY SUMMARY REPORT**

**TRINIDAD PARK  
BUFFALO, NEW YORK**

**Analyses Performed by:  
FRIEND LABORATORIES  
WAVERLY, NEW YORK**

**Prepared for:  
PANAMERICAN ENVIRONMENTAL, INC.**

**Prepared by:  
URS CORPORATION**

**APRIL 2002**

**REVISED JANUARY 2003**

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## TABLES

Table 1          Sample and Analysis Summary

## ATTACHMENTS

Attachment 1    Laboratory Summary Forms (Form Is)

Attachment 2    Support Documentation



## I. INTRODUCTION

This Data Usability Summary Report (DUSR) has been prepared following the guidelines provided in New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation *Guidance for the Development of Data Usability Summary Reports* (revised June 1999).

## II. ANALYTICAL METHODOLOGIES

The data being evaluated is from the January 14, 2002 sampling of four water samples, one matrix spike (MS), one matrix spike duplicate (MSD), and one trip blank. The analytical laboratory that performed the sample analyses is Friend Laboratories located in Waverly, New York.

The samples were analyzed in accordance with NYSDEC Analytical Services Protocol (ASP), 10/95 Edition for the following parameters. Not all samples were analyzed for each parameter.

<u>Parameter</u>	<u>Method No.</u>
Target Compound List (TCL) Volatile Organic Compounds (VOCs)	95-1
TCL Semivolatile Organic Compounds (SVOCs)	95-2
TCL Polychlorinated Biphenyls (PCBs)	95-3
Total and Dissolved Target Analyte List (TAL) Metals (23) plus Total Cyanide	CLP-M

A limited data validation was performed following the general guidelines in USEPA Region II Contract Laboratory Program (CLP) Organics Data Review (CLP/SOW OLM04.2), March 2001 and USEPA Region II Evaluation of Metals Data for the CLP, SOP Revision XI, January 1992. A summary table of the samples collected is presented in Table 1. The laboratory summary forms (Form Is) are presented in Attachment 1. The definitions of the data qualifiers is presented at the end of this text.

### **III. DATA DELIVERABLE COMPLETENESS**

The laboratory deliverable data package was prepared in accordance with NYSDEC ASP Category B requirements. The data package was complete and complied with these requirements.

### **IV. HOLDING TIMES**

The original PCB extraction of QC samples TP-MW-02 MS/MSD occurred within the 7 day holding time however, the wrong spiking compounds were added. These QC samples only were re-extracted outside of the holding time. Since all other samples were extracted within the 7 day extraction holding time, no qualification of the sample data was necessary.

All other analyses were performed within NYSDEC contractual holding time criteria.

### **V. QUALITY CONTROL DATA**

#### **A. Quality Control (QC) Blanks**

In accordance with the USEPA Region II validation guidelines, those samples which contained SVOC compounds (e.g., phthalate esters) at a concentration below the contract required quantitation limit (CRQL), and not greater than ten times the values detected in the associated method blanks, were reported at the CRQL and qualified with a “U” due to the blank contamination. Support documentation (i.e., Form I and 4) is presented in Attachment 2 - Support Documentation.

Those VOCs and SVOCs TICs that were detected in the samples at a concentration less than five times the value detected in the associated QC blanks were rejected “R” in accordance with the USEPA Region II validation guidelines. Support documentation (Form I-TIC and 4) is presented in Attachment 2 - Support Documentation.



B. Instrument Tune Criteria

All NYSDEC ASP instrument tune criteria were met for all VOC and SVOC analyses.

C. Initial and Continuing Calibrations

All VOC, SVOC, PCB, metals, and cyanide initial and continuing calibration data were compliant with method requirements.

D. Surrogate/Internal Standard Recoveries

Several SVOC samples required re-analyses due to poor surrogate and/or internal standard (IS) recoveries. The lab has chosen to identify the analysis done on the earlier data as the re-analysis (i.e., suffix RE) and the analysis done on the later date as the original (i.e., no suffix). For those samples that were re-extracted and/or reanalyzed, the results that required the least amount of and/or least severe qualifications were reported. Copies of the surrogate and internal standard recoveries (i.e., Form 2C and 8C) are presented in Attachment 2 – Support Documentation

Samples TP-MW-02 and TP-MW-06-RE exhibited an extremely low recovery for surrogate terphenyl-d<sub>14</sub> (i.e., <10%). In accordance with the USEPA Region II validation guidelines all non-detect base neutral (BN) compounds have been rejected “R.”

Sample TP-MW-03-RE exhibited low recoveries for surrogate 2-fluorobiphenyl (i.e., <43% but >10%) and terphenyl-d<sub>14</sub> (i.e., <33% but >10%) and a low recovery for IS chrysene-d<sub>12</sub>. All BN compounds were qualified as estimated “UJ.” This sample also exhibited an extremely low area count for IS perylene-d<sub>12</sub> (i.e., <25%). In accordance with the USEPA Region II validation guidelines all compounds associated with that IS (all were non-detect) were rejected “R.”

In sample TP-MW-04-RE the percent recovery of IS chrysene-d<sub>12</sub> was below the QC limit, therefore all compounds associated with that IS were qualified as estimated "UJ" or "J." This sample also exhibited an extremely low area count for IS perylene-d<sub>12</sub> (i.e., <25%). In accordance with the USEPA Region II validation guidelines, all undetected compounds associated with that IS were rejected "R" and all positive results were qualified as estimated "J."

All other surrogate and internal standard recoveries were within the QC limits specified in NYSDEC ASP.

E. Matrix Spike/Matrix Spike Duplicate/Matrix Spike Blank Analyses  
(MS/MSD/MSB)

The percent recovery of various SVOC compounds in the MSD and MSBs were above the QC limits. Since these compounds were not detected in the associated samples, no qualification of the data is necessary.

The metals MS of sample TP-MW-02 exhibited a low percent recovery (<75%) for total antimony (Sb). Following USEPA Region II validation guidelines, the results for total Sb in samples TP-MW-01, TP-MW-02, TP-MW-03, and TP-MW-04 were qualified as estimated (J/UJ). Copies of the MS form (i.e., Form 5A) is presented in Attachment 2 – Support Documentation.

The metals spike associated with the furnace analysis of sample TP-MW-04 for total thallium (Tl) exhibited a percent recovery that was below the QC limit (i.e., <85%). In accordance with the USEPA Region II validation guidelines the total TL result has been qualified as estimated "J."

All other parameters were within the applicable method QC limits, and no other data qualifications were necessary.

F. Matrix Duplicate (Metals only)

The relative percent difference (RPD) for total cadmium (Cd) in the metals matrix duplicate (MD) of sample TP-MW-02 exceeded the QC limit of 50%. The Cd result in sample TP-MW-03 was qualified as estimated “J.” Other samples also required qualification, but were previously qualified due to the contract required detection limit (CRDL) standard outlier. A copy of the MD form (i.e., Form 6) is presented in Attachment 2 – Support Documentation.

G. Laboratory Control Samples (Metals Only)

The laboratory control sample (LCS) results were within method QC limits.

H. Contract Required Detection Limit Standards (Metals Only)

The CRDL standard exhibited a low recovery for Cd (i.e., <80 %). All samples (total and dissolved) were qualified as estimated “J” or “UJ.” Copies of the CRDL form (i.e., Form 2B) is presented in Attachment 2 – Support Documentation.

I. Serial Dilutions (Metals Only)

All metals were within the applicable method QC limits, and no data qualifications were necessary.

J. Field Duplicates

No field duplicate was collected for this sampling event.

K. Total/Dissolved Metals

The total metals results were greater than the dissolved metals results for all samples. No data qualification was necessary.

## **VI. SAMPLE RESULTS**

### **A. Sample Receipt and Preservation**

All samples were received intact at the laboratory, under proper chain-of-custody (COC) documentation, and at the proper temperature. A copy of the COC is provided in Attachment 2 - Support Documentation.

### **B. Quantitation Limits**

All quantitation limits were reported in accordance with method requirements. Several organic and inorganic results were qualified “J” and “B”, respectively, by the laboratory indicating an estimated concentration below the quantitation limit.

## **VII. SUMMARY**

All sample analyses were found to be compliant with the method criteria, except where previously noted. Those results qualified “J”/“UJ” (estimated) are considered conditionally usable and results qualified “R” (rejected) are considered not usable. URS Corporation does not recommend recollection or reanalysis of any samples at this time.

## DEFINITIONS OF DATA QUALIFIERS

- U – The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- J – The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- N – The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification.
- NJ – The analysis indicates the presence of an analyte that has been tentatively identified and the associated numerical value represents its approximate concentration.
- UJ – The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- B – The analyte was detected in the sample at a concentration greater than the instrument detection limit, but less than the contract required quantitation limit (CRDL).
- R – The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

**TABLE 1**  
**SAMPLE AND ANALYSIS SUMMARY**  
**TRINIDAD PARK**  
**BUFFALO, NY**

Sample ID	Sample Collection Date	TCL VOCs (ASP 95-1) <sup>1</sup>	TCL SVOCs (ASP 95-2) <sup>1</sup>	TCL PEST/PCB (ASP 95-3) <sup>1</sup>	Total/Dissolved TAL Metals and Cyanide (CLP-M) <sup>1</sup>	Comments
<b>GROUNDWATER SAMPLES</b>						
TP-MW-01	1/14/02	X	X	X	X	---
TP-MW-02	1/14/02	X	X	X	X	MS/MSD/MD
TP-MW-03	1/14/02	X	X	X	X	---
TP-MW-04	1/14/02	X	X	X	X	---
TP-MW-05	1/14/02	---	X	---	---	---
TP-MW-06	1/14/02	---	X	---	---	---
<b>FIELD QC SAMPLES</b>						
TRIP BLANK	1/14/02	X	---	---	---	---

Notes:

1 - New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP), June 1995.

USEPA - United States Environmental Protection Agency

TCL - USEPA Target Compound List

VOC - Volatile Organic Compound

SVOC - Semivolatile Organic Compound

PEST/PCB - Pesticide/PCB

MS/MSD/MD - Matrix Spike/Matrix Spike Duplicate/Matrix Duplicate

TAL - Target Analyte List

**ATTACHMENT 1**

**LABORATORY SUMMARY FORMS**

**(FORM Is)**

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-01

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) WATER Lab Sample ID: L82384-1

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: D1666.D

Level: (low/med) LOW Date Received: 01/15/02

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 01/17/02

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS.

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/L</u>	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	MEK (2-Butanone)	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	MIBK (4-Methyl-2-pentanone)	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
106-42-3/108-38-3	p-Xylene/m-Xylene	10	U
95-47-6	o-Xylene	10	U



1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET    NYSDEC SAMPLE NO.  
TENTATIVELY IDENTIFIED COMPOUNDS

**MW-01**

Lab Name: FRIEND LABORATORY, INC.    Contract: \_\_\_\_\_

Lab Code: 10252    Case No.: \_\_\_\_\_    SAS No.: \_\_\_\_\_    SDG No.: PANAM

Matrix: (soil/water) WATER    Lab Sample ID: L82384-1

Sample wt/vol: 5.0 (g/ml) ML    Lab File ID: D1666.D

Level: (low/med) LOW    Date Received: 01/15/02

% Moisture: not dec. \_\_\_\_\_    Date Analyzed: 01/17/02

GC Column: RTX-624 ID: 0.53 (mm)    Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL)    Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
<del>1. 000110-54-3</del>	<del>Hexane</del>	<del>8.75</del>	<del>6</del>	<del>JN</del>

R

Amk  
3/22/02

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-02

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) WATER Lab Sample ID: L82384-3

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: D1667.D

Level: (low/med) LOW Date Received: 01/15/02

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 01/17/02

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	MEK (2-Butanone)	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	MIBK (4-Methyl-2-pentanone)	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
106-42-3/108-38-3	p-Xylene/m-Xylene	10	U
95-47-6	o-Xylene	10	U

1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET    NYSDEC SAMPLE NO.  
TENTATIVELY IDENTIFIED COMPOUNDS

MW-02

Lab Name: FRIEND LABORATORY, INC.    Contract: \_\_\_\_\_

Lab Code: 10252    Case No.: \_\_\_\_\_    SAS No.: \_\_\_\_\_    SDG No.: PANAM

Matrix: (soil/water) WATER    Lab Sample ID: L82384-3

Sample wt/vol: 5.0 (g/ml) ML    Lab File ID: D1667.D

Level: (low/med) LOW    Date Received: 01/15/02

% Moisture: not dec. \_\_\_\_\_    Date Analyzed: 01/17/02

GC Column: RTX-624 ID: 0.53 (mm)    Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL)    Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
<del>1. 000110-54-3</del>	<del>Hexane</del>	<del>8.75</del>	<del>7</del>	<del>JN</del>

R

Amk  
3/29/02

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-03

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) WATER Lab Sample ID: L82384-9

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: D1670.D

Level: (low/med) LOW Date Received: 01/15/02

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 01/17/02

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	MEK (2-Butanone)	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	MIBK (4-Methyl-2-pentanone)	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
106-42-3/108-38-3	p-Xylene/m-Xylene	10	U
95-47-6	o-Xylene	10	U

1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET    NYSDEC SAMPLE NO.  
TENTATIVELY IDENTIFIED COMPOUNDS

MW-03

Lab Name: FRIEND LABORATORY, INC.    Contract: \_\_\_\_\_

Lab Code: 10252    Case No.: \_\_\_\_\_    SAS No.: \_\_\_\_\_    SDG No.: PANAM

Matrix: (soil/water) WATER    Lab Sample ID: L82384-9

Sample wt/vol: 5.0 (g/ml) ML    Lab File ID: D1670.D

Level: (low/med) LOW    Date Received: 01/15/02

% Moisture: not dec. \_\_\_\_\_    Date Analyzed: 01/17/02

GC Column: RTX-624 ID: 0.53 (mm)    Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL)    Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
<del>1. 000110-54-3</del>	<del>Hexane</del>	<del>8.74</del>	<del>5.8</del>	<del>JN</del>

*20R*  
*2/17/02*

*Amk*  
*3/29/02*

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-04

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) WATER Lab Sample ID: L82384-11

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: D1671.D

Level: (low/med) LOW Date Received: 01/15/02

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 01/17/02

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	MEK (2-Butanone)	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	MIBK (4-Methyl-2-pentanone)	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
106-42-3/108-38-3	p-Xylene/m-Xylene	10	U
95-47-6	o-Xylene	10	U

1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET    NYSDEC SAMPLE NO.  
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: FRIEND LABORATORY, INC. Contract:                      MW-04  
Lab Code: 10252 Case No.:                      SAS No.:                      SDG No.: PANAM  
Matrix: (soil/water) WATER Lab Sample ID: L82384-11  
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: D1671.D  
Level: (low/med) LOW Date Received: 01/15/02  
% Moisture: not dec.                      Date Analyzed: 01/17/02  
GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0  
Soil Extract Volume:                      (uL) Soil Aliquot Volume:                      (uL)

CONCENTRATION UNITS:

Number TICs found: 1

(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
<del>1. 000110-54-3</del>	<del>Hexane</del>	<del>0.75</del>	<del>7.8</del>	<del>JN</del>

*ack  
2/12/02*

*R*

*Amk  
2/22/02*

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TRIP BLANK

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) WATER Lab Sample ID: L82384-15

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: D1672.D

Level: (low/med) LOW Date Received: 01/15/02

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 01/17/02

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/L</u>	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	MEK (2-Butanone)	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	MIBK (4-Methyl-2-pentanone)	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
106-42-3/108-38-3	p-Xylene/m-Xylene	10	U
95-47-6	o-Xylene	10	U



1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET    NYSDEC SAMPLE NO.  
TENTATIVELY IDENTIFIED COMPOUNDS

TRIP BLANK

Lab Name: FRIEND LABORATORY, INC.    Contract: \_\_\_\_\_

Lab Code: 10252    Case No.: \_\_\_\_\_    SAS No.: \_\_\_\_\_    SDG No.: PANAM

Matrix: (soil/water) WATER    Lab Sample ID: L82384-15

Sample wt/vol: 5.0 (g/ml) ML    Lab File ID: D1672.D

Level: (low/med) LOW    Date Received: 01/15/02

% Moisture: not dec. \_\_\_\_\_    Date Analyzed: 01/17/02

GC Column: RTX-624 ID: 0.53 (mm)    Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL)    Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	8.76	5	JN

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-02

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) WATER Lab Sample ID: L82384-3

Sample wt/vol: 1000 (g/ml) ML Lab File ID: B3698.D

Level: (low/med) LOW Date Received: 01/15/02

% Moisture: \_\_\_\_\_ decanted: (Y/N) N Date Extracted: 01/15/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/02

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-95-2	Phenol	10	U	
111-44-4	bis(2-Chloroethylether)	<del>10</del>	<del>U</del>	R
95-57-8	2-Chlorophenol	10	U	
541-73-1	1,3-Dichlorobenzene	<del>10</del>	<del>U</del>	R
106-46-7	1,4-Dichlorobenzene	<del>10</del>	<del>U</del>	R
95-50-1	1,2-Dichlorobenzene	<del>10</del>	<del>U</del>	R
95-48-7	2-Methylphenol	10	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	<del>10</del>	<del>U</del>	R
106-44-5	4-Methylphenol	10	U	
621-64-7	N-Nitrosodi-n-propylamine	<del>10</del>	<del>U</del>	R
67-72-1	Hexachloroethane	<del>10</del>	<del>U</del>	R
98-95-30	Nitrobenzene	<del>10</del>	<del>U</del>	R
78-59-1	Isophorone	<del>10</del>	<del>U</del>	R
88-75-52	2-Nitrophenol	10	U	
105-67-9	2,4-Dimethylphenol	10	U	
111-91-1	bis(2-Chloroethoxymethane)	<del>10</del>	<del>U</del>	R
120-83-2	2,4-Dichlorophenol	10	U	
120-82-1	1,2,4-Trichlorobenzene	<del>10</del>	<del>U</del>	R
91-20-3	Naphthalene	<del>10</del>	<del>U</del>	R
106-47-8	4-Chloroaniline	<del>10</del>	<del>U</del>	R
87-68-3	Hexachlorobutadiene	<del>10</del>	<del>U</del>	R
59-50-7	4-Chloro-3-methylphenol	10	U	
91-57-6	2-Methylnaphthalene	<del>10</del>	<del>U</del>	R
77-47-4	Hexachlorocyclopentadiene	<del>10</del>	<del>U</del>	R
88-06-2	2,4,6-Trichlorophenol	10	U	
95-95-4	2,4,5-Trichlorophenol	25	U	
91-58-7	2-Chloronaphthalene	<del>10</del>	<del>U</del>	R
88-74-4	2-Nitroaniline	<del>25</del>	<del>U</del>	R
131-11-3	Dimethyl phthalate	<del>10</del>	<del>U</del>	R
208-96-8	Acenaphthylene	<del>10</del>	<del>U</del>	R
606-20-2	2,6-Dinitrotoluene	<del>10</del>	<del>U</del>	R
99-09-2	3-Nitroaniline	<del>25</del>	<del>U</del>	R
83-32-9	Acenaphthene	<del>10</del>	<del>U</del>	R
51-28-5	2,4-Dinitrophenol	25	U	
100-02-7	4-Nitrophenol	25	U	
132-64-9	Dibenzofuran	<del>10</del>	<del>U</del>	R
121-14-2	2,4-Dinitrotoluene	<del>10</del>	<del>U</del>	R

amk  
3/29/02

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-02

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
Matrix: (soil/water) WATER Lab Sample ID: L82384-3  
Sample wt/vol: 1000 (g/ml) ML Lab File ID: B3698.D  
Level: (low/med) LOW Date Received: 01/15/02  
% Moisture: \_\_\_\_\_ decanted: (Y/N) N Date Extracted: 01/15/02  
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/02  
Injection Volume: 2.0 (uL) Dilution Factor: 1.0  
GPC Cleanup: (Y/N) N pH: \_\_\_\_\_

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

84-66-2	Diethyl phthalate	10	U
7005-72-3	4-Chlorophenylphenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	2-Methyl-4-6-dinitrophenol	25	U
86-30-6	n-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenylphenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	7 J	J
120-12-7	Anthracene	10 J	J
86-74-8	Carbazole	10	U
84-74-2	Di-n-butyl phthalate	10	U
206-44-0	Fluoranthene	7 J	J
129-00-0	Pyrene	8 J	J
85-68-7	Butylbenzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	4 J	J
218-01-9	Chrysene	3 J	J
117-81-7	bis-2-Ethylhexyl phthalate	3	U
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	4 J	J
207-08-9	Benzo(k)fluoranthene	10 J	J
50-32-8	Benzo(a)pyrene	3 J	J
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

mmk  
3/29/02  
1/20/03

1F  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L82384-3

Sample wt/vol \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: 63698.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (uL)

Date Analyzed: 1

Injection Volume: \_\_\_\_\_ (uL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

Number TICs found: 1

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/L

1170038  
2-11  
1/36

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 57-10-3	Hexadecanoic Acid	26.08	7	NJ
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11/29/02

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-01

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) WATER Lab Sample ID: L82384-1

Sample wt/vol: 1000 (g/ml) ML Lab File ID: B3713.D

Level: (low/med) LOW Date Received: 01/15/02

% Moisture: \_\_\_\_\_ decanted:(Y/N) N Date Extracted: 01/15/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/02

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_

CONCENTRATION UNITS:

CAS NO.                      COMPOUND                      (ug/L or ug/Kg) UG/L                      Q

108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethylether)	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitrosodi-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-30	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-52	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxymethane)	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-01

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Matrix: (soil/water) WATER Lab Sample ID: L82384-1  
 Sample wt/vol: 1000 (g/ml) ML Lab File ID: B3713.D  
 Level: (low/med) LOW Date Received: 01/15/02  
 % Moisture: \_\_\_\_\_ decanted:(Y/N) N Date Extracted: 01/15/02  
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/02  
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

84-66-2	Diethyl phthalate	10	U
7005-72-3	4-Chlorophenylphenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	2-Methyl-4-6-dinitrophenol	25	U
86-30-6	n-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenylphenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butyl phthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis-2-Ethylhexyl phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

Amk  
3/29/02

1F  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix:(soil/water) \_\_\_\_\_

Lab Sample ID: L82384-1

Sample wt/vol \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: B3713.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (uL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (uL)

Dilution Factor: \_\_\_\_\_

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

Number TICs found: 4

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

*1074151  
13-11  
2/1*

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 57-10-3	Hexadecanoic Acid	25.96	6	NJ
2. <del>112-80-1</del>	<del>Oleic Acid</del>	<del>28.14</del>	<del>4</del>	<del>NJ</del>
3. 57-11-4	Octadecanoic Acid	28.42	4	NJ
4.	Unknown	35.11	89 ear	JB
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*R*

*66, 1/24/02 AMK 3/29/02*

MW-03 RE

108-95-2	Phenol	10	u
111-44-4	bis(2-Chloroethylether)	10	<del>u</del>
95-57-8	2-Chlorophenol	10	u
541-73-1	1,3-Dichlorobenzene	10	<del>u</del>
106-46-7	1,4-Dichlorobenzene	10	<del>u</del>
95-50-1	1,2-Dichlorobenzene	10	<del>u</del>
95-48-7	2-Methylphenol	10	u
108-60-1	2,2'-oxybis(1-Chloropropane)	10	<del>u</del>
106-44-5	4-Methylphenol	10	u
621-64-7	N-Nitrosodi-n-propylamine	10	<del>u</del>
67-72-1	Hexachloroethane	10	<del>u</del>
98-95-30	Nitrobenzene	10	<del>u</del>
78-59-1	Isophorone	10	<del>u</del>
88-75-52	2-Nitrophenol	10	u
105-67-9	2,4-Dimethylphenol	10	u
111-91-1	bis(2-Chloroethoxymethane)	10	<del>u</del>
120-83-2	2,4-Dichlorophenol	10	u
120-82-1	1,2,4-Trichlorobenzene	10	<del>u</del>
91-20-3	Naphthalene	10	<del>u</del>
106-47-8	4-Chloroaniline	10	<del>u</del>
87-68-3	Hexachlorobutadiene	10	<del>u</del>
59-50-7	4-Chloro-3-methylphenol	10	u
91-57-6	2-Methylnaphthalene	10	<del>u</del>
77-47-4	Hexachlorocyclopentadiene	10	<del>u</del>
88-06-2	2,4,6-Trichlorophenol	10	u
95-95-4	2,4,5-Trichlorophenol	25	u
91-58-7	2-Chloronaphthalene	10	<del>u</del>
88-74-4	2-Nitroaniline	25	<del>u</del>
131-11-3	Dimethyl phthalate	10	<del>u</del>
208-96-8	Acenaphthylene	10	<del>u</del>
606-20-2	2,6-Dinitrotoluene	10	<del>u</del>
99-09-2	3-Nitroaniline	25	<del>u</del>
83-32-9	Acenaphthene	10	<del>u</del>
51-28-5	2,4-Dinitrophenol	25	u
100-02-7	4-Nitrophenol	25	u
132-64-9	Dibenzofuran	10	<del>u</del>
121-14-2	2,4-Dinitrotoluene	10	<del>u</del>

10/95

3/29/08 MK



1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-03 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Matrix: (soil/water) WATER Lab Sample ID: L82384-9  
 Sample wt/vol: 1000 (g/ml) ML Lab File ID: B3702.D  
 Level: (low/med) LOW Date Received: 01/15/02  
 % Moisture: \_\_\_\_\_ decanted: (Y/N) N Date Extracted: 01/15/02  
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/02  
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0  
 GPC Cleanup: (Y/N) N pH: \_\_\_\_\_

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

84-66-2	Diethyl phthalate	10	<del>✓</del>
7005-72-3	4-Chlorophenylphenylether	10	<del>✓</del>
86-73-7	Fluorene	10	<del>✓</del>
100-01-6	4-Nitroaniline	25	<del>✓</del>
534-52-1	2-Methyl-4-6-dinitrophenol	25	<del>✓</del>
86-30-6	n-Nitrosodiphenylamine	10	<del>✓</del>
101-55-3	4-Bromophenylphenylether	10	<del>✓</del>
118-74-1	Hexachlorobenzene	10	<del>✓</del>
87-86-5	Pentachlorophenol	25	<del>✓</del>
85-01-8	Phenanthrene	10	<del>✓</del>
120-12-7	Anthracene	10	<del>✓</del>
86-74-8	Carbazole	10	<del>✓</del>
84-74-2	Di-n-butyl phthalate	10	<del>✓</del>
206-44-0	Fluoranthene	10	<del>✓</del>
129-00-0	Pyrene	10	<del>✓</del>
85-68-7	Butylbenzyl phthalate	10	<del>✓</del>
91-94-1	3,3'-Dichlorobenzidine	10	<del>✓</del>
56-55-3	Benzo(a)anthracene	10	<del>✓</del>
218-01-9	Chrysene	10	<del>✓</del>
117-81-7	bis-2-Ethylhexyl phthalate	10	<del>✓</del>
117-84-0	Di-n-octyl phthalate	10	<del>✓</del>
205-99-2	Benzo(b)fluoranthene	10	<del>✓</del>
207-08-9	Benzo(k)fluoranthene	10	<del>✓</del>
50-32-8	Benzo(a)pyrene	10	<del>✓</del>
193-39-5	Indeno(1,2,3-cd)pyrene	10	<del>✓</del>
53-70-3	Dibenzo(a,h)anthracene	10	<del>✓</del>
191-24-2	Benzo(g,h,i)perylene	10	<del>✓</del>

Handwritten notes and signatures in the right margin, including a large signature and the date 3/29/02.

Handwritten signature and date: 3/29/02

Confirmation

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_ Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: LE2384-9

Sample wt/vol \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: 63702.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (uL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (uL)

Dilution Factor: 1

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

Number TICs found: 4

CONCENTRATION UNITS.

(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q
1. 170-40-1	NN-bis(2-hydroxyethyl)Dodecanamide	20.55	5	NJ
2. 34463-8	Tetradecanoic Acid	23.47	4	1
3. 57-10-3	Hexadecanoic Acid	26.16	10	1
4. 57-11-4	Octadecanoic Acid	28.58	<del>21</del> 21	1
5.			21.2	
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-04 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) WATER Lab Sample ID: L82384-11

Sample wt/vol: 1000 (g/ml) ML Lab File ID: B3703.D

Level: (low/med) LOW Date Received: 01/15/02

% Moisture: \_\_\_\_\_ decanted:(Y/N) N Date Extracted: 01/16/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/02

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethylether)	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitrosodi-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-30	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-52	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxymethane)	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-04 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) WATER Lab Sample ID: L82384-11

Sample wt/vol: 1000 (g/ml) ML Lab File ID: B3703.D

Level: (low/med) LOW Date Received: 01/15/02

% Moisture: \_\_\_\_\_ decanted: (Y/N) N Date Extracted: 01/16/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/02

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

84-66-2	Diethyl phthalate	10	U
7005-72-3	4-Chlorophenylphenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	2-Methyl-4-6-dinitrophenol	25	U
86-30-6	n-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenylphenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butyl phthalate	10 <del>2</del>	<del>U</del> <del>U</del>
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10 <del>2</del>	<del>U</del> <del>U</del>
85-68-7	Butylbenzyl phthalate	10 <del>2</del>	<del>U</del> <del>U</del>
91-94-1	3,3'-Dichlorobenzidine	10	<del>U</del>
56-55-3	Benzo(a)anthracene	1	J
218-01-9	Chrysene	10	<del>U</del> <del>U</del>
117-81-7	bis-2-Ethylhexyl phthalate	5	JB
117-84-0	Di-n-octyl phthalate	10 <del>2</del>	<del>U</del> <del>U</del>
205-99-2	Benzo(b)fluoranthene	10	<del>U</del> <del>U</del>
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	1	J
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	<del>U</del> <del>U</del>

Amf  
3/29/02

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_ Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L82384-11

Sample wt/vol \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: B3703 d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (uL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (uL)

Dilution Factor: 1

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

Number TICs found: 3

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. <del>120-40-1</del>	<del>Di</del>			
2. 120-40-1	N N-bis (2 hydroxyethyl) Dodecanamide	20.50	4	NJ
3. 544-63-8	Tetradecanoic Acid	23.40	4	↓
4. 57-11-4	Octadecanoic Acid	28.54	13	↓
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
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20.				
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27.				
28.				
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1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-05

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) WATER Lab Sample ID: L82384-13

Sample wt/vol: 860 (g/ml) ML Lab File ID: B3696.D

Level: (low/med) LOW Date Received: 01/15/02

% Moisture: \_\_\_\_\_ decanted:(Y/N) N Date Extracted: 01/16/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/02

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-95-2	Phenol	12	U
111-44-4	bis(2-Chloroethylether)	12	U
95-57-8	2-Chlorophenol	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
95-48-7	2-Methylphenol	12	U
108-60-1	2,2'-oxybis(1-Chloropropane)	12	U
106-44-5	4-Methylphenol	12	U
821-64-7	N-Nitrosodi-n-propylamine	12	U
67-72-1	Hexachloroethane	12	U
98-95-30	Nitrobenzene	12	U
78-59-1	Isophorone	12	U
88-75-52	2-Nitrophenol	12	U
105-67-9	2,4-Dimethylphenol	12	U
111-91-1	bis(2-Chloroethoxymethane)	12	U
120-83-2	2,4-Dichlorophenol	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U
91-20-3	Naphthalene	12	U
106-47-8	4-Chloroaniline	12	U
87-68-3	Hexachlorobutadiene	12	U
59-50-7	4-Chloro-3-methylphenol	12	U
91-57-6	2-Methylnaphthalene	12	U
77-47-4	Hexachlorocyclopentadiene	12	U
88-06-2	2,4,6-Trichlorophenol	12	U
95-95-4	2,4,5-Trichlorophenol	29	U
91-58-7	2-Chloronaphthalene	12	U
88-74-4	2-Nitroaniline	29	U
131-11-3	Dimethyl phthalate	12	U
208-96-8	Acenaphthylene	12	U
606-20-2	2,6-Dinitrotoluene	12	U
99-09-2	3-Nitroaniline	29	U
83-32-9	Acenaphthene	12	U
51-28-5	2,4-Dinitrophenol	29	U
100-02-7	4-Nitrophenol	29	U
132-64-9	Dibenzofuran	12	U
121-14-2	2,4-Dinitrotoluene	12	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-05

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) WATER Lab Sample ID: L82384-13

Sample wt/vol: 860 (g/ml) ML Lab File ID: B3696.D

Level: (low/med) LOW Date Received: 01/15/02

% Moisture: \_\_\_\_\_ decanted: (Y/N) N Date Extracted: 01/16/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/02

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_

CONCENTRATION UNITS:

CAS NO.                      COMPOUND                      (ug/L or ug/Kg) UG/L                      Q

84-66-2	Diethyl phthalate	12	U
7005-72-3	4-Chlorophenylphenylether	12	U
86-73-7	Fluorene	12	U
100-01-6	4-Nitroaniline	29	U
534-52-1	2-Methyl-4-6-dinitrophenol	29	U
86-30-6	n-Nitrosodiphenylamine	12	U
101-55-3	4-Bromophenylphenylether	12	U
118-74-1	Hexachlorobenzene	12	U
87-86-5	Pentachlorophenol	29	U
85-01-8	Phenanthrene	12	U
120-12-7	Anthracene	12	U
86-74-8	Carbazole	12	U
84-74-2	Di-n-butyl phthalate	12	U
206-44-0	Fluoranthene	12	U
129-00-0	Pyrene	12	U
85-68-7	Butylbenzyl phthalate	12	U
91-94-1	3,3'-Dichlorobenzidine	12	U
56-55-3	Benzo(a)anthracene	12	U
218-01-9	Chrysene	12	U
117-81-7	bis-2-Ethylhexyl phthalate	12	U
117-84-0	Di-n-octyl phthalate	12	U
205-99-2	Benzo(b)fluoranthene	12	U
207-08-9	Benzo(k)fluoranthene	12	U
50-32-8	Benzo(a)pyrene	12	U
193-39-5	Indeno(1,2,3-cd)pyrene	12	U
53-70-3	Dibenzo(a,h)anthracene	12	U
191-24-2	Benzo(g,h,i)perylene	12	U

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1270035  
11/11  
1/30

22



1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-06 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) WATER Lab Sample ID: L82384-14

Sample wt/vol: 1000 (g/ml) ML Lab File ID: B3697.D

Level: (low/med) LOW Date Received: 01/15/02

% Moisture: \_\_\_\_\_ decanted: (Y/N) N Date Extracted: 01/16/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/02

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-95-2	Phenol	10	U	
111-44-4	bis(2-Chloroethylether)	<del>10</del>	<del>U</del>	R
95-57-8	2-Chlorophenol	10	U	
541-73-1	1,3-Dichlorobenzene	<del>10</del>	<del>U</del>	R
106-46-7	1,4-Dichlorobenzene	<del>10</del>	<del>U</del>	R
95-50-1	1,2-Dichlorobenzene	<del>10</del>	<del>U</del>	R
95-48-7	2-Methylphenol	10	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	<del>10</del>	<del>U</del>	R
106-44-5	4-Methylphenol	10	U	
621-64-7	N-Nitrosodi-n-propylamine	<del>10</del>	<del>U</del>	R
67-72-1	Hexachloroethane	<del>10</del>	<del>U</del>	R
98-95-30	Nitrobenzene	<del>10</del>	<del>U</del>	R
78-59-1	Isophorone	<del>10</del>	<del>U</del>	R
88-75-52	2-Nitrophenol	10	U	
105-67-9	2,4-Dimethylphenol	10	U	
111-91-1	bis(2-Chloroethoxymethane)	<del>10</del>	<del>U</del>	R
120-83-2	2,4-Dichlorophenol	10	U	
120-82-1	1,2,4-Trichlorobenzene	<del>10</del>	<del>U</del>	R
91-20-3	Naphthalene	<del>10</del>	<del>U</del>	R
106-47-8	4-Chloroaniline	<del>10</del>	<del>U</del>	R
87-68-3	Hexachlorobutadiene	<del>10</del>	<del>U</del>	R
59-50-7	4-Chloro-3-methylphenol	10	U	
91-57-6	2-Methylnaphthalene	<del>10</del>	<del>U</del>	R
77-47-4	Hexachlorocyclopentadiene	<del>10</del>	<del>U</del>	R
88-06-2	2,4,6-Trichlorophenol	10	U	
95-95-4	2,4,5-Trichlorophenol	25	U	
91-58-7	2-Chloronaphthalene	<del>10</del>	<del>U</del>	R
88-74-4	2-Nitroaniline	<del>25</del>	<del>U</del>	R
131-11-3	Dimethyl phthalate	<del>10</del>	<del>U</del>	R
208-96-8	Acenaphthylene	<del>10</del>	<del>U</del>	R
606-20-2	2,6-Dinitrotoluene	<del>10</del>	<del>U</del>	R
99-09-2	3-Nitroaniline	<del>25</del>	<del>U</del>	R
83-32-9	Acenaphthene	<del>10</del>	<del>U</del>	R
51-28-5	2,4-Dinitrophenol	25	U	
100-02-7	4-Nitrophenol	25	U	
132-64-9	Dibenzofuran	<del>10</del>	<del>U</del>	R
121-14-2	2,4-Dinitrotoluene	<del>10</del>	<del>U</del>	R

*Amk  
3/29/02*

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-06 RE

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) WATER Lab Sample ID: L82384-14

Sample wt/vol: 1000 (g/ml) ML Lab File ID: B3697.D

Level: (low/med) LOW Date Received: 01/15/02

% Moisture: \_\_\_\_\_ decanted: (Y/N) N Date Extracted: 01/16/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/02

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

84-66-2	Diethyl phthalate	<del>10</del>	<del>U</del>	
7005-72-3	4-Chlorophenylphenylether	<del>10</del>	<del>U</del>	
86-73-7	Fluorene	<del>10</del>	<del>U</del>	
100-01-6	4-Nitroaniline	<del>25</del>	<del>U</del>	
534-52-1	2-Methyl-4-6-dinitrophenol	<del>25</del>	<del>U</del>	
86-30-6	n-Nitrosodiphenylamine	<del>10</del>	<del>U</del>	
101-55-3	4-Bromophenylphenylether	<del>10</del>	<del>U</del>	
118-74-1	Hexachlorobenzene	<del>10</del>	<del>U</del>	
87-86-5	Pentachlorophenol	<del>25</del>	<del>U</del>	
85-01-8	Phenanthrene	<del>10</del>	<del>U</del>	
120-12-7	Anthracene	<del>10</del>	<del>U</del>	
86-74-8	Carbazole	<del>10</del>	<del>U</del>	
84-74-2	Di-n-butyl phthalate	<del>10</del>	<del>U</del>	
206-44-0	Fluoranthene	<del>10</del>	<del>U</del>	
129-00-0	Pyrene	<del>10</del>	<del>U</del>	
85-68-7	Butylbenzyl phthalate	<del>10</del>	<del>U</del>	
91-94-1	3,3'-Dichlorobenzidine	<del>10</del>	<del>U</del>	
56-55-3	Benzo(a)anthracene	<del>10</del>	<del>U</del>	
218-01-9	Chrysene	<del>10</del>	<del>U</del>	
117-81-7	bis-2-Ethylhexyl phthalate	<del>3</del>	<del>U</del>	
117-84-0	Di-n-octyl phthalate	<del>10</del>	<del>U</del>	
205-99-2	Benzo(b)fluoranthene	<del>10</del>	<del>U</del>	
207-08-9	Benzo(k)fluoranthene	<del>10</del>	<del>U</del>	
50-32-8	Benzo(a)pyrene	<del>10</del>	<del>U</del>	
193-39-5	Indeno(1,2,3-cd)pyrene	<del>10</del>	<del>U</del>	
53-70-3	Dibenzo(a,h)anthracene	<del>10</del>	<del>U</del>	
191-24-2	Benzo(g,h,i)perylene	<del>10</del>	<del>U</del>	

nmk  
3/29/02

Confirmation

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_ Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: L82384-14

Sample wt/vol \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: B3697.2

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (uL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (uL)

Dilution Factor: 1

GPC Cleanup: (Y/N) \_\_\_\_\_ pH: \_\_\_\_\_

Number TICs found: 24

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 910-716-4	2,4-bis(1,1-dimethylethyl)Phenol	19.61	4	NJ
2. 143-071-7	Dodecanoic Acid	20.52	8	↓
3. 544-63-8	Tetradecanoic Acid	23.45	16	↓
4.	Unknown	25.82	3	J
5. 57-10-3	Hexadecanoic Acid	26.11	55	NJB
6. 10544-50-0	Elemental Sulfur	27.47	7	NJ
7. 629-73-2	1-Hexadecene	27.73	12	↓
8. 112-80-1	Octic Acid	28.30	97	NJB
9. 57-11-4	Octadecanoic Acid	28.56	35	NJ
10. 544-63-8	Tetradecanoic Acid	28.80	54	↓
11. 638-67-5	Tricosane	30.03	12	↓
12. 646-31-1	Tetracosane	31.12	14	↓
13. 630-16-8	Hexatriacontane	32.16	16	↓
14. 630-01-3	Hexacosane	33.15	15	↓
15.	Unknown	33.59	7	J
16. 593-49-7	Heptacosane	34.12	34	NJ
17.	Unknown	34.96	45	J
18. 6765-391-5	1-Heptadecene	35.02	65	NJ
19. 630-06-8	Unknown	35.24	36	J
20. 630-06-8	Hexatriacontane	35.95	26	NJ
21. 6971-40-0	17-Pentatriacontene	36.79	89	↓
22. 630-06-8	Hexatriacontane	37.65	18	↓
23.	Unknown	38.58	49	J
24.	↓ Hydrocarbon	40.73	28	↓
25.				
26.				
27.				
28.				
29.				
30.				

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

L82384-1

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: PAN384

TP-mw-01

Matrix: (soil/water) WATER

Lab Sample ID: L82384-1

Sample wt/vol: \_\_\_\_\_ (g/mL) ML

Lab File ID: E4955139

% Moisture: \_\_\_\_\_ decanted: (Y/N) \_\_\_\_\_

Date Received: 01/15/1

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 01/17/2

Concentrated Extract Volume: \_\_\_\_\_ (uL)

Date Analyzed: 01/25/2

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.0

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

12674-11-2-----	Aroclor-1016	1.00	U
1104-28-2-----	Aroclor-1221	2.00	U
11141-16-5-----	Aroclor-1232	1.00	U
53469-21-9-----	Aroclor-1242	1.00	U
11097-69-1-----	Aroclor-1254	1.00	U
11096-82-5-----	Aroclor-1260	1.00	U
-----	Aroclor-1248	1.00	U

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

L82384-3

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: PAN384

Matrix: (soil/water) WATER

Lab Sample ID: L82384-3

Sample wt/vol: \_\_\_\_\_ (g/mL) ML

Lab File ID: E4955140

% Moisture: \_\_\_\_\_ decanted: (Y/N) \_\_\_\_\_

Date Received: 01/15/1

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 01/17/2

Concentrated Extract Volume: \_\_\_\_\_ (uL)

Date Analyzed: 01/25/2

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

12674-11-2-----Aroclor-1016	1.00	U
1104-28-2-----Aroclor-1221	2.00	U
11141-16-5-----Aroclor-1232	1.00	U
53469-21-9-----Aroclor-1242	1.00	U
11097-69-1-----Aroclor-1254	1.00	U
11096-82-5-----Aroclor-1260	1.00	U
-----Aroclor-1248	1.00	U

1D  
PCB ANALYSIS DATA SHEET

EPA SAMPLE NO.

L82384-9

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: PAN384

Matrix: (soil/water) WATER

Lab Sample ID: L82384-9

Sample wt/vol: \_\_\_\_\_ (g/mL) ML

Lab File ID: E4955141

% Moisture: \_\_\_\_\_ decanted: (Y/N) \_\_\_\_\_

Date Received: 01/15/1

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 01/17/2

Concentrated Extract Volume: \_\_\_\_\_ (uL)

Date Analyzed: 01/25/2

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

12674-11-2-----	Aroclor-1016	1.00	U
1104-28-2-----	Aroclor-1221	2.00	U
11141-16-5-----	Aroclor-1232	1.00	U
53469-21-9-----	Aroclor-1242	1.00	U
11097-69-1-----	Aroclor-1254	1.00	U
11096-82-5-----	Aroclor-1260	1.00	U
-----	Aroclor-1248	1.00	U

## PCB ANALYSIS DATA SHEET

L82384-11

Lab Name:

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.: PAN384

TP-mw-04

Matrix: (soil/water) WATER

Lab Sample ID: L82384-11

Sample wt/vol: \_\_\_\_\_ (g/mL) ML

Lab File ID: E4955142

% Moisture: \_\_\_\_\_ decanted: (Y/N) \_\_\_\_\_

Date Received: 01/15/1

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 01/17/2

Concentrated Extract Volume: \_\_\_\_\_ (uL)

Date Analyzed: 01/25/2

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.0

Sulfur Cleanup: (Y/N) N

CAS NO.

COMPOUND

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

Q

12674-11-2-----Aroclor-1016	1.00	U
1104-28-2-----Aroclor-1221	2.00	U
11141-16-5-----Aroclor-1232	1.00	U
53469-21-9-----Aroclor-1242	1.00	U
11097-69-1-----Aroclor-1254	1.00	U
11096-82-5-----Aroclor-1260	1.00	U
-----Aroclor-1248	1.00	U

## INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-01

Lab Name: FRIEND LABORATORY, INC.

Contract: \_\_\_\_\_

Lab Code: 10252

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: TRINIDAD

Matrix (soil/water): WATER

Lab Sample ID: L82384-1

Level (low/med): LOW

Date Received: 01/15/02

Solids: \_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	209000			P
7440-36-0	Antimony	102		<del>N</del>	P
7440-38-2	Arsenic	62.8			F
7440-39-3	Barium	1310			P
7440-41-7	Beryllium	10.3			P
7440-43-9	Cadmium	17.4		<del>/</del>	P
7440-70-2	Calcium	1300000			P
7440-47-3	Chromium	272			P
7440-48-4	Cobalt	109			P
7440-50-8	Copper	368			P
7439-89-6	Iron	315000			P
7439-92-1	Lead	216			F
7439-95-4	Magnesium	321000			P
7439-96-5	Manganese	6190			P
7439-97-6	Mercury	0.37			CV
7440-02-0	Nickel	296			P
7440-09-7	Potassium	42700			P
7782-49-2	Selenium	6.0	U		F
7440-22-4	Silver	9.7	B		P
7440-23-5	Sodium	11800			P
7440-28-0	Thallium	3.0	U		F
7440-62-2	Vanadium	450			P
7440-66-6	Zinc	1200			P
	Cyanide	1.6	B		AS

Amk  
4/1/02

Color Before: \_\_\_\_\_

Clarity Before: \_\_\_\_\_

Texture: \_\_\_\_\_

Color After: \_\_\_\_\_

Clarity After: \_\_\_\_\_

Artifacts: \_\_\_\_\_

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-03 DISSOLVED

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): WATER\_ Lab Sample ID: L82384-10\_

Level (low/med): LOW\_ Date Received: 01/15/02

% Solids: \_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	93.0	U		P
7440-36-0	Antimony	34.6	B	<del>N</del>	P
7440-38-2	Arsenic	2.8	B		F
7440-39-3	Barium	102	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U	<del>N</del>	P
7440-70-2	Calcium	128000			P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	12.5	B		P
7440-50-8	Copper	6.6	B		P
7439-89-6	Iron	1990			P
7439-92-1	Lead	3.5			F
7439-95-4	Magnesium	89300			P
7439-96-5	Manganese	965			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	10.6	B		P
7440-09-7	Potassium	1590	B		P
7782-49-2	Selenium	3.0	U		F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	23100			P
7440-28-0	Thallium	3.0	U		F
7440-62-2	Vanadium	8.0	U		P
7440-66-6	Zinc	9.8	B		P
	Cyanide				NR

55

Amk  
4/1/02

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-04

Lab Name: FRIEND\_LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): WATER\_ Lab Sample ID: L82384-11\_

Level (low/med): LOW\_ Date Received: 01/15/02

Solids: \_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	119000			P
7440-36-0	Antimony	63.2		X	P
7440-38-2	Arsenic	54.4			F
7440-39-3	Barium	955			P
7440-41-7	Beryllium	6.2			P
7440-43-9	Cadmium	13.8		/	P
7440-70-2	Calcium	840000			P
7440-47-3	Chromium	169			P
7440-48-4	Cobalt	64.7			P
7440-50-8	Copper	269			P
7439-89-6	Iron	191000			P
7439-92-1	Lead	395			F
7439-95-4	Magnesium	192000			P
7439-96-5	Manganese	3970			P
7439-97-6	Mercury	0.81			CV
7440-02-0	Nickel	196			P
7440-09-7	Potassium	22200			P
7782-49-2	Selenium	3.0	U		F
7440-22-4	Silver	6.1	B		P
7440-23-5	Sodium	8840			P
7440-28-0	Thallium	5.3	B	X	F
7440-62-2	Vanadium	253			P
7440-66-6	Zinc	1060			P
	Cyanide	7.0	B		AS

Amk  
4/1/02

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

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NYSDEC - ASP  
1  
INORGANIC ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-04 DISSOLVED

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): WATER\_ Lab Sample ID: L82384-12\_

Level (low/med): LOW\_ Date Received: 01/15/02

Solids: \_\_\_\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	93.0	U		P
7440-36-0	Antimony	29.0	U	<del>N</del>	P
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium	49.0	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U	<del>/</del>	P
7440-70-2	Calcium	152000			P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	8.4	B		P
7439-89-6	Iron	75.0	U		P
7439-92-1	Lead	5.0			F
7439-95-4	Magnesium	25700			P
7439-96-5	Manganese	256			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	6.0	U		P
7440-09-7	Potassium	1590	B		P
7782-49-2	Selenium	3.0	U		F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	6530			P
7440-28-0	Thallium	3.0	U		F
7440-62-2	Vanadium	8.0	U		P
7440-66-6	Zinc	6.3	B		P
	Cyanide				NR

JS

Amk  
4/2/02

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**ATTACHMENT 2**

**SUPPORT DOCUMENTATION**

**FLI**  
**FRIESEN**  
**LABORATORY**  
**I. N. C.**

ONE RESEARCH CIRCLIF  
 WAVERLY NY 14892-1532  
 Telephone (607) 565-3500  
 Fax (607) 565-4083

Sample Site: **1 RIVINGTON PARK**

DATE & TIME OF SAMPLE COLLECTION		SAMPLE DESCRIPTION	NUMBER OF CONTAINERS										ANALYSES / TESTS REQUESTED		SAMPLE NUMBER												
			Untreated		SVOC/PCBs		HCL PH <2		VOA		Ascorbic acid & HCL PH <2		HNO <sub>3</sub> PH <2		H <sub>2</sub> SO <sub>4</sub> PH <2		NaOH PH >12		NaOH & Zinc acetate PH >9		Acetic Buffer PH <3		Scoring sulfate				
			3	3	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1		
			Description: Grab Composite		Matrix: DW		Grab Composite		Matrix: DW		Grab Composite		Matrix: DW		Grab Composite		Matrix: DW		Grab Composite		Matrix: DW		Grab Composite		Matrix: DW		
1/14/02	11:00	TP-MW-01	3	3	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	SVOC / PCBs VOA Metals Total & Dissolved CN	-1
1/14/02	12:20	TP-MW-02	9	5	5	3																				SVOC / PCBs VOA Metals Total & Dissolved CN	-2
1/14/02	11:45	TP-MW-03	3	3	3	2	1																			SVOC / PCBs VOA Metals Total & Dissolved CN	-9
01/14/02	12:05	TP-MW-04	3	3	3	2	1																			SVOC / PCBs VOA Metals Total & Dissolved CN	-11

RELINQUISHED BY	DATE / TIME	ACCEPTED BY	DATE / TIME	NOTES TO LABORATORY
<i>Kevin Kearney</i>	1/14/02	<i>Justin J. Pugliese</i>	1/14/02	
<i>Justin J. Pugliese</i>	01.14.02	<i>Michael Page</i>	1/15/02	

SUSPECTED CONTAMINATION LEVEL  
 NONE SLIGHT MODERATE HIGH (please circle)

## PAGE 7 OF 4

PAGE 2 OF 2

<b>FLI</b> <b>FRIEN D</b> <b>LABORATORY</b> <b>I . N . C .</b>		<b>ONE RESEARCH CIRCLE</b> <b>WAVERLY NY 14892-1532</b> <b>Telephone (607) 565-3500</b> <b>Fax (607) 565-4083</b>		<b>INVOICE TO:</b> <b>ADDRESS:</b>  <b>CLIENT:</b> <b>ADDRESS:</b>  <b>PHONE:</b> <b>FAX:</b>  <b>PROJECT NO. / NAME:</b>		<b>COPY TO:</b> <b>ADDRESS:</b>	
<b>DATE &amp; TIME OF SAMPLE COLLECTION</b>		<b>SAMPLE DESCRIPTION</b>		<b>NUMBER OF CONTAINERS</b>		<b>ANALYSES / TESTS REQUESTED</b>	
<b>1/14/02</b> <b>11:15</b>		<b>TP-MW-05</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-13</b>	
<b>1/14/02</b> <b>11:30</b>		<b>TP-MW-06</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-14</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-07</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-15</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-08</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-16</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-09</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-17</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-10</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-18</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-11</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-19</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-12</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-20</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-13</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-21</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-14</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-22</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-15</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-23</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-16</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-24</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-17</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-25</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-18</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-26</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-19</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-27</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-20</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-28</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-21</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-29</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-22</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-30</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-23</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-31</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-24</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-32</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-25</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-33</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-26</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-34</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-27</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-35</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-28</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-36</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-29</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-37</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-30</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-38</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-31</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-39</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-32</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <b>-40</b>	
<b>1/14/02</b> <b>11:40</b>		<b>TP-MW-33</b>		1 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		<b>SUOC</b> <	

4A  
VOLATILE METHOD BLANK SUMMARY

NYSDEC Sample NO.

VBLKD1

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Lab File ID: D1664.D Lab Sample ID: vblk

Date Analyzed: 01/17/02 Time Analyzed: 18:00

GC Column: RTX-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Instrument ID: MSD-D

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

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VBLKD1MS	VBLKMS	D1665.D	18:34
02	MW-01	L82384-1	D1666.D	19:08
03	MW-02	L82384-3	D1667.D	19:41
04	MW-02 MS	L82384-4, -3MS	D1668.D	20:14
05	MW-02 MSD	L82384-5, -3MSD	D1669.D	20:47
06	MW-03	L82384-9	D1670.D	21:20
07	MW-04	L82384-11	D1671.D	21:54
08	TRIP BLANK	L82384-15	D1672.D	22:27

COMMENTS

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1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET    NYSDEC SAMPLE NO.  
TENTATIVELY IDENTIFIED COMPOUNDS

VBLKD1

Lab Name: FRIEND LABORATORY, INC.    Contract: \_\_\_\_\_

Lab Code: 10252    Case No.: \_\_\_\_\_    SAS No.: \_\_\_\_\_    SDG No.: PANAM

Matrix: (soil/water) WATER    Lab Sample ID: vblk

Sample wt/vol: 5.0 (g/ml) ML    Lab File ID: D1664.D

Level: (low/med) LOW    Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_    Date Analyzed: 01/17/02

GC Column: RTX-624 ID: 0.53 (mm)    Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL)    Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	8.73	6	JN



2C  
WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

	NYSDEC SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	S7 (2CP) #	S8 (DCB) #	TOT OUT
01	SBLK55	73	75	71	80	83	90	92	71	0
02	SBLK55MS	78	81	88	89	85	105	96	75	0
03	SBLK56	78	78	78	87	86	99	98	76	0
04	SBLK56MS	62	62	76	72	68	86	78	59	0
05	MW-05	78	52	10 *	84	86	86	97	72	1
06	MW-06 RE	69	47	7 *	75	74	75	86	62	1
07	MW-02	73	47	8 *	75	77	71	89	67	1
08	MW-02 MS	68	41 *	9 *	72	70	70	83	61	2
09	MW-02 MSD	75	52	17 *	82	79	81	91	67	1
10	MW-03 RE	74	40 *	13 *	75	77	82	90	63	2
11	MW-04 RE	70	51	18 *	81	77	83	91	64	1
12	MW-01	68	58	15 *	65	74	69	81	63	1
13	MW-06	67	49	5 *	72	73	61	80	56	1
14	MW-04	70	53	9 *	83	81	77	89	63	1
15	MW-03	72	42 *	12 *	76	79	70	90	62	2

QC LIMITS

S1 (NBZ)	=	Nitrobenzene-d5	(35-114)
S2 (FBP)	=	2-Fluorobiphenyl	(43-116)
S3 (TPH)	=	Terphenyl-d14	(33-141)
S4 (PHL)	=	Phenol-d5	(10-110)
S5 (2FP)	=	2-Fluorophenol	(21-110)
S6 (TBP)	=	2,4,6-Tribromophenol	(10-123)
S7 (2CP)	=	2-Chlorophenol-d4	(33-110)
S8 (DCB)	=	1,2-Dichlorobenzene-d4	(16-110)

# Column to be used to flag recovery values

\* Values outside of contract required QC limits

D Surrogate diluted out

4B  
SEMIVOLATILE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO.

SBLK55

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Lab File ID: B3692.D Lab Sample ID: SBLK55

Instrument ID: MSD-B Date Extracted: 01/15/02

Matrix: (soil/water) WATER Date Analyzed: 01/21/02

Level: (low/med) LOW Time Analyzed: 15:27

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

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBLK55MS	SBLKMS55	B3693.D	01/21/02
02	MW-02	L82384-3	B3698.D	01/21/02
03	MW-02 MS	L82384-4, -3MS	B3699.D	01/21/02
04	MW-02 MSD	L82384-5, -3MSD	B3700.D	01/21/02
05	MW-03 RE	L82384-9	B3702.D	01/22/02
06	MW-01	L82384-1	B3713.D	01/22/02
07	MW-03	L82384-9	B3722.D	01/23/02

COMMENTS:

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1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SBLK55

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Matrix: (soil/water) WATER Lab Sample ID: SBLK55

Sample wt/vol: 1000 (g/ml) ML Lab File ID: B3692.D

Level: (low/med) LOW Date Received: \_\_\_\_\_

% Moisture: \_\_\_\_\_ decanted:(Y/N) N Date Extracted: 01/15/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/02

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_\_\_

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

84-66-2	Diethyl phthalate	10	U
7005-72-3	4-Chlorophenylphenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	2-Methyl-4-6-dinitrophenol	25	U
86-30-6	n-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenylphenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butyl phthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis-2-Ethylhexyl phthalate	20	
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

1F  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_ Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: SBLK55

Sample wt/vol \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: B3692.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted (Y/N) \_\_\_\_\_

Date Extracted: \_\_\_\_\_

Concentrated Extract Volume: \_\_\_\_\_ (uL)

Date Analyzed: 1/15/02

Injection Volume: \_\_\_\_\_ (uL)

Dilution Factor: 1

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

Number TICs found: 2

CONCENTRATION UNITS

(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 112-80-1	Oleic Acid	28.24	6	NJ
2.	Unknown	35.23	11	J
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

1/29/02

00319

4B  
SEMIVOLATILE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO.

SBLK56

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM

Lab File ID: B3694.D Lab Sample ID: SBLK56

Instrument ID: MSD-B Date Extracted: 01/16/02

Matrix: (soil/water) WATER Date Analyzed: 01/21/02

Level: (low/med) LOW Time Analyzed: 17:13

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

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBLK56MS	SBLKMS56	B3695.D	01/21/02
02	MW-05	L82384-13	B3696.D	01/21/02
03	MW-06 RE	L82384-14	B3697.D	01/21/02
04	MW-04 RE	L82384-11	B3703.D	01/22/02
05	MW-06	L82384-14	B3720.D	01/23/02
06	MW-04	L82384-11	B3721.D	01/23/02

COMMENTS:

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1F  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

Lab Name: \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_ Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: \_\_\_\_\_

Matrix: (soil/water) \_\_\_\_\_

Lab Sample ID: SBLK56

Sample wt/vol \_\_\_\_\_ (g/mL) \_\_\_\_\_

Lab File ID: B5694.d

Level: (low/med) \_\_\_\_\_

Date Received: \_\_\_\_\_

% Moisture: decanted (Y/N) \_\_\_\_\_

Date Extracted: 1/16/02

Concentrated Extract Volume: \_\_\_\_\_ (uL)

Date Analyzed: \_\_\_\_\_

Injection Volume: \_\_\_\_\_ (uL)

Dilution Factor: 1

GPC Cleanup: (Y/N) \_\_\_\_\_

pH: \_\_\_\_\_

Number TICs found: 3

CONCENTRATION UNITS.  
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.57-10-3	Hexadecanoic Acid	26.07	6	NJ
2.112-20-1	<del>Octadecanoic</del> Oleic Acid	28.24	5	↓
3.	Unknown	35.22	8	J
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
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22.				
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24.				
25.				
26.				
27.				
28.				
29.				
30.				

✓  
✓  
✓  
✓

8C  
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): B3691.D Date Analyzed: 01/21/02  
 Instrument ID: MSD-B Time Analyzed: 14:34

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	1985172	23.79	1560079	32.05	1035180	36.15
UPPER LIMIT	3970344	24.29	3120158	32.55	2070360	36.65
LOWER LIMIT	992586	23.29	780040	31.55	517590	35.65
NYSDEC SAMPLE NO.						
01 SBLK55	1961144	23.78	1485785	32.02	1088383	36.13
02 SBLK55MS	2026044	23.78	1461085	32.02	1075824	36.14
03 SBLK56	2092135	23.78	1650415	32.02	1240465	36.14
04 SBLK56MS	2198592	23.79	1558584	32.03	1192516	36.14
05 MW-05	2198481	23.78	1450420	32.02	631232	36.13
06 MW-06 RE	1757037	23.78	696182 *	32.02	270414 *	36.13
07 MW-02	2225627	23.79	1052100	32.03	381878 *	36.13
08 MW-02 MS	2046522	23.79	891339	32.03	330884 *	36.13
09 MW-02 MSD	2423073	23.80	1092852	32.03	395835 *	36.14
10 MW-03 RE	2027225	23.79	621572 *	32.04	253907 *	36.15
11 MW-04 RE	2054801	23.79	751213 *	32.03	291313 *	36.14

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits

8C  
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_  
 Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: PANAM  
 Lab File ID (Standard): B3717.D Date Analyzed: 01/23/02  
 Instrument ID: MSD-B Time Analyzed: 11:31

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	2039810	23.87	1579400	32.14	1145101	36.26
UPPER LIMIT	4079620	24.37	3158800	32.64	2290202	36.76
LOWER LIMIT	1019905	23.37	789700	31.64	572551	35.76
NYSDEC SAMPLE NO.						
01 MW-06	1663291	23.86	847037	32.13	280445 *	36.24
02 MW-04	1942347	23.87	896636	32.13	352750 *	36.25
03 MW-03	1844482	23.87	623038 *	32.15	260613 *	36.27

IS1 (DCB) = 1,4-Dichlorobenzene-d4  
 IS2 (NPT) = Naphthalene-d-8  
 IS3 (ANT) = Acenaphthene-d10  
 IS4 (PHN) = Phenanthrene-d10  
 IS5 (CRY) = Chrysene-d12  
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = - 50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

\* Values outside of contract required QC limits



NYSDEC - ASP  
2B  
CRDL STANDARD FOR AA AND ICP

Lab Name: FRIEND LABORATORY, INC.

Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: TRINIDAD

AA CRDL Standard Source: BAKER \_\_\_\_\_

ICP CRDL Standard Source: IV CRA 1-3 \_\_\_\_\_

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	True	Initial Found	%R	Final Found	%R
Aluminum								
Antimony				120.0	125.70	104.8	122.60	102.2
Arsenic	10.0	9.13	91.3					
Barium								
Beryllium				10.0	10.00	100.0	10.00	100.0
Cadmium				10.0	12.00	120.0	7.80	78.0
Calcium								
Chromium				20.0	19.00	95.0	19.60	98.0
Cobalt				100.0	103.80	103.8	101.90	101.9
Copper				50.0	51.10	102.2	49.40	98.8
Iron								
Lead	3.0	3.40	113.3					
Magnesium								
Manganese				30.0	31.30	104.3	31.90	106.3
Mercury	0.2	0.22	110.0					
Nickel				80.0	83.00	103.8	81.60	102.0
Potassium								
Selenium	5.0	4.83	96.6					
Silver				20.0	22.40	112.0	16.50	82.5
Sodium								
Thallium	10.0	11.34	113.4					
Vanadium				100.0	103.30	103.3	105.50	105.5
Zinc				40.0	40.90	102.2	40.50	101.2

Control Limits: no limits have been established by NYSDEC or EPA at this time

NYSDEC - ASP  
5A  
SPIKE SAMPLE RECOVERY

NYSDEC SAMPLE NO.

MW-02 S

Lab Name: FRIEND LABORATORY, INC. Contract: \_\_\_\_\_

Lab Code: 10252 Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: TRINIDAD

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

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

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Aluminum		112461.9000	102074.9000	2000.00	519.4		P
Antimony	75-125	304.8000	29.0000	500.00	61.0	N	P
Arsenic	75-125	75.8500	34.8750	40.00	102.4		F
Barium	75-125	2530.8000	691.6000	2000.00	92.0		P
Beryllium	75-125	51.2000	5.2000	50.00	92.0		P
Cadmium	75-125	53.6000	6.0000	50.00	95.2		P
Calcium							NR
Chromium	75-125	322.7000	141.8000	200.00	90.4		P
Cobalt	75-125	502.1000	41.0000	500.00	92.2		P
Copper		1951.3000	1777.7000	250.00	69.4		P
Iron		118393.0000	121582.9000	1000.00	-319.0		P
Lead		329.6000	315.2000	20.00	72.0		F
Magnesium							NR
Manganese		2955.0000	2588.7000	500.00	73.3		P
Mercury	75-125	1.7260	0.7100	1.00	101.6		CV
Nickel	75-125	622.3000	185.8000	500.00	87.3		P
Potassium							NR
Selenium	75-125	9.8300	3.0000	10.00	98.3		F
Silver	75-125	47.9000	7.4000	50.00	81.0		P
Sodium							NR
Thallium	75-125	51.3800	3.0000	50.00	102.8		F
Vanadium	75-125	654.1000	179.5000	500.00	94.9		P
Zinc	75-125	1315.3000	870.4000	500.00	89.0		P
Cyanide	75-125	86.7000	6.1000	87.50	92.1		AS

Comments:

## DUPLICATES

MW-02 D

Lab Name: FRIEND LABORATORY, INC.

Contract: \_\_\_\_\_

Lab Code: 10252

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: TRINIDAD

Matrix (soil/water): WATER

Level (low/med): LOW

% Solids for Sample: 0.0

% Solids for Duplicate: 0.0

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		102074.9000		89103.6000		13.6		P
Antimony		29.0000	U	39.9000	B	200.0		P
Arsenic	25.0	34.8750		31.8250		9.1		F
Barium	200.0	691.6000		656.9000		5.1		P
Beryllium		5.2000		4.9000	B	5.9		P
Cadmium	5.0	6.0000		12.4000		69.6	*	P
Calcium		200367.1000		194809.7000		2.8		P
Chromium		141.8000		128.0000		10.2		P
Cobalt		41.0000	B	41.4000	B	1.0		P
Copper		1777.7000		1708.5000		4.0		P
Iron		121582.9000		111800.0000		8.4		P
Lead	60.0	315.2000		293.0000		7.3		F
Magnesium		57767.8000		54985.2000		4.9		P
Manganese		2588.7000		2489.9000		3.9		P
Mercury	0.2	0.7100		0.7890		10.5		CV
Nickel	40.0	185.8000		163.0000		13.1		P
Potassium	5000.0	12469.0000		10321.7000		18.8		P
Selenium		3.0000	U	3.0000	U			F
Silver		7.4000	B	6.0000	U	200.0		P
Sodium	5000.0	7618.5000		7270.2000		4.7		P
Thallium		3.0000	U	3.0000	U			F
Vanadium	50.0	179.5000		159.5000		11.8		P
Zinc		870.4000		810.8000		7.1		P
Cyanide		6.1000	B	1.5000	B	121.1		AS

## ANALYSIS RUN LOG

Lab Name: FRIEND LABORATORY, INC.

Contract:\_\_\_\_\_

Case No. : \_\_\_\_\_

SDG No. : TRINIDAD

Instrument ID Number: VARIAN 8 IDL

Method:F

Start Date: 01/18/02

End Date:01/18/02

[illegible]

FORM XIV - IN

00717

**DATA USABILITY SUMMARY REPORT**

**Trinidad Park Site  
BUFFALO, NEW YORK**

**Analyses Performed by:  
ADIRONDACK ENVIRONMENTAL SERVICES, INC.**

**Prepared for:  
  
PANAMERICAN ENVIRONMENTAL, INC.  
BUFFALO, NEW YORK**

**Prepared by:  
  
URS CORPORATION  
282 DELAWARE AVENUE  
BUFFALO, NY 14202**

**January 2003**

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## TABLES

(following text)

Table 1            Sample and Analysis Summary

## ATTACHMENTS

Attachment A - Laboratory Form Is

Attachment B - Support Documentation

## I. INTRODUCTION

This Data Usability Summary Report (DUSR) has been prepared following the guidelines provided in New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation *Guidance for the Development of Data Usability Summary Reports*, dated June 1999.

## II. ANALYTICAL METHODOLOGIES

The data being evaluated is from the November 25, 2002 sampling of 3 soil samples and 1 matrix spike/matrix spike duplicate (MS/MSD) pair. The analytical laboratory that performed the analyses is Adirondack Environmental Services (AES), Inc., located in Albany, New York. The samples were analyzed for Target Compound List (TCL) volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260, TCL semivolatile organic compounds (SVOCs) by USEPA Method 8270, TCL polychlorinated biphenyls (PCBs) by USEPA Method 8082, Target Analyte List (TAL) Metals by USEPA Method ILMO4.0, and Cyanide by USEPA Method 9012. Table 1 summarizes the samples collected and the requested analytical parameters. It should be noted that the laboratory performed the VOC, SVOC, and PCB methods with modifications by incorporating the elements in Appendix E of the NYSDEC Analytical Services Protocol (ASP), October 1995 revision.

A limited data validation was performed following the guidelines in USEPA Region II *Contract Laboratory Protocol (CLP) Organics Data Review and Preliminary Review*, Standard Operating Procedure (SOP) No. HW-6, Revision 12, March 2001; and USEPA Region II *Evaluation of Metals Data for the CLP Program*, SOP HW-2, Revision 11, January 1992. Qualifications applied to the data include (“J/UJ”) (estimated concentration/estimated quantitation limit) and (“U”) (not detected). Copies of the laboratory Form Is are presented in Attachment A. Support documentation for the qualification of data is presented in Attachment B.

### **III. DATA DELIVERABLE COMPLETENESS**

The laboratory deliverable data packages were in accordance with NYSDEC ASP, Category B deliverable requirements.

### **IV. PRESERVATION/HOLDING TIMES**

The VOC analysis of sample TP5-2 occurred outside of the technical holding time (i.e., >10 days from sampling to analysis), but within the method holding time of 14 days. All TCL VOCs have been qualified as estimated (“UJ”) in sample TP5-2 due to the holding time exceedance. Support documentation [i.e., copy of the chain-of-custody (COC), quantitation report] is presented in Attachment B.

All other holding times and preservation requirements were met.

### **V. QUALITY CONTROL (QC) DATA**

#### **A. QC Blanks**

No TCL VOC, SVOC, or PCBs were detected in the method blanks.

No TAL metals or cyanide were detected in the method blanks at a level above the Contract Required Detection Limit (CRDL).

#### **B. Instrument Tuning Criteria**

All NYSDEC ASP instrument tuning criteria were met for the VOC and SVOC analyses.



C. Initial and Continuing Calibrations

The SVOC continuing calibration (CCAL) (i.e., file ID BS471) exhibited a percent difference (%D) for 2,4-dinitrophenol, 4-nitrophenol, and 4,6-dinitro-2-ethylphenol that was above the QC limit (i.e., >25%D). Samples TP5-1, TP5-2, and TP5-3 were qualified as estimated (“UJ”) for these compounds. Support documentation (i.e., Form 7B) is presented in Attachment B.

No other deviations from the method and USEPA Region II validation criteria were noted.

D. CRDL Standard Recoveries

The metals CRDL standards exhibited elevated recoveries (i.e., >120%) for lead (Pb). The results for Pb was qualified as estimated (“J”) in sample TP5-3, because the sample result was within the affected range [i.e., true value of CRDL standard  $\pm 2 \times \text{CRDL}$ ]. Support documentation (i.e., Form 2B) is presented in Attachment B.

E. Surrogate/Internal Standard Recoveries

All surrogate and internal standards results were compliant with the method and USEPA Region II validation criteria.

F. Matrix Spike/Matrix Spike Duplicate/Matrix Spike Blanks/Laboratory Control Samples

The recoveries of antimony (Sb), Pb, mercury (Hg), silver (Ag), and thallium (Tl) were below the QC limit (i.e., <75%) in sample TP5-1 MS. In accordance with the USEPA Region II validation guidelines the Sb, Pb, Mg, Ag, and Tl results have been qualified as estimated (“UJ” or “J”) in samples TP5-1, TP5-2, and TP5-3. Support documentation (i.e., Form 5) is presented in Attachment B.

The recovery of cyanide was below the QC limit (i.e., <75%) in sample TP5-3 MS. In accordance with the USEPA Region II validation guidelines the cyanide results

have been qualified as estimated ("UJ") in samples TP5-1, TP5-2, and TP5-3. Support documentation (i.e., Form 5) is presented in Attachment B.

All other MS/MSD, matrix spike blanks, and laboratory control sample results were within the applicable QC limits.

G. Matrix Duplicate

Matrix Duplicates were performed on sample TP5-1 (metals) and TP5-3 (cyanide). All applicable USEPA Region II validation criteria were met, therefore no qualification of the data was necessary.

H. Serial Dilutions

The percent difference (%D) between sample TP5-1 and the serial dilution performed on this sample exceeded the QC limit (i.e., >10%D) for iron (Fe). The Fe results in samples TP5- 1, TP5-2, and TP5-3 have been qualified as estimated ("J"), because the results are greater than 10 times the instrument detection limit (IDL). Support documentation (i.e., Form 9) is presented in Attachment B.

## VI. SAMPLE RESULTS

A. Raw Data vs. Reporting Forms

The method detection limit for mercury could not be correctly reported on the metals forms due to character limitations with the processing software. The mercury reporting limit for sample TP5-3 has been changed on the Form I to 0.0023 mg/kg (undetected). This sample was originally reported as 0.00001 mg/kg (undetected).

The revised reporting limit is calculated based on the method detection limit of 0.004 ug/l as provided by Mr. Chris Hess, QC Manager of Adirondack Laboratories on 1/20/03.

All other final results as listed on the reporting forms were in agreement with the raw data, and no transcription/calculation errors were detected.

B. Quantitation Limits

All quantitation limits were reported in accordance with method requirements, and were adjusted for the moisture content of the samples. Several organic sample results were qualified ("J") by the laboratory indicating estimated concentrations below the quantitation limits. Several inorganic sample results were qualified ("B") by the laboratory indicating the concentration was above the IDL but below the CRDL.

C. Sample Matrix

Samples requiring qualification due to matrix are discussed in section V.F. No other data qualification was necessary due to sample matrix problems.

D. Chromatography

No chromatography problems were encountered.

E. PCB Identification

All samples were undetected for PCBs.

## **VII. SUMMARY**

All sample analyses were found to be compliant with the method and USEPA Region II validation criteria, except where previously noted. Those results qualified “J/UJ”(estimated) are considered conditionally usable. All other sample results are usable as reported.

TABLE 1

## SAMPLE AND ANALYSIS SUMMARY

## TRINIDAD PARK SITE

Sample ID	Sample Date	TCL VOCs (Method 8260) <sup>1</sup>	TCL SVOCs (Method 8270) <sup>1</sup>	TCL PCBS (Method 8082) <sup>1</sup>	TAL METALS (ILMO4.0) <sup>2</sup>	CYANIDE (Method 9012) <sup>1</sup>	Comments
<b>SOIL SAMPLES</b>							
TP5-1	11/25/02	X	X	X	X	X	---
TP5-2	11/25/02	X	X	X	X	X	---
TP5-3	11/25/02	X	X	X	X	X	MS/MSD

<sup>1</sup> - Method referenced in New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP), June 2000.

<sup>2</sup> - USEPA Contract Laboratory Program Statement of Work for Inorganics Analysis Multi-Media Multi-Concentration

USEPA - United States Environmental Protection Agency

TCL - Target Compound List

TAL - Target Analyte List

VOCs - Volatile Organic Compounds

SVOCs - Semivolatile Organic Compounds

PCBS - Polychlorinated Biphenyls

MS/MSD - Matrix Spike/Matrix Spike Duplicate

# **ATTACHMENT A**

## **LABORATORY FORM Is**

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP5-1

b Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: PAE0206

SAS No.:

SDG No.: TP5-1

Matrix: (soil/water) SOIL

Lab Sample ID: TP5-1

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D0982

Level: (low/med) LOW

Date Received: 11/26/02

% Moisture: not dec. 16.

Date Analyzed: 12/05/02

Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(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	11.	
67-64-1-----	Acetone	12.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	1,2-Dichloroethene-trans	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	12.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	1,2-Dichloroethene-cis	6.	U
106-42-3-----	m,p-Xylenes	6.	U
95-47-6-----	o-Xylene	6.	U

TP5-2

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

74-87-3-----Chloromethane	11.	<del>U</del>
74-83-9-----Bromomethane	11.	<del>U</del>
75-01-4-----Vinyl Chloride	11.	<del>U</del>
75-00-3-----Chloroethane	11.	<del>U</del>
75-09-2-----Methylene Chloride	6.	<del>U</del>
67-64-1-----Acetone	11.	<del>U</del>
75-15-0-----Carbon Disulfide	6.	<del>U</del>
75-35-4-----1,1-Dichloroethene	6.	<del>U</del>
75-34-3-----1,1-Dichloroethane	6.	<del>U</del>
156-60-5-----1,2-Dichloroethene-trans	6.	<del>U</del>
67-66-3-----Chloroform	6.	<del>U</del>
107-06-2-----1,2-Dichloroethane	6.	<del>U</del>
78-93-3-----2-Butanone	11.	<del>U</del>
71-55-6-----1,1,1-Trichloroethane	6.	<del>U</del>
56-23-5-----Carbon Tetrachloride	6.	<del>U</del>
75-27-4-----Bromodichloromethane	6.	<del>U</del>
78-87-5-----1,2-Dichloropropane	6.	<del>U</del>
10061-01-5-----cis-1,3-Dichloropropene	6.	<del>U</del>
79-01-6-----Trichloroethene	6.	<del>U</del>
124-48-1-----Dibromochloromethane	6.	<del>U</del>
79-00-5-----1,1,2-Trichloroethane	6.	<del>U</del>
71-43-2-----Benzene	6.	<del>U</del>
10061-02-6-----trans-1,3-Dichloropropene	6.	<del>U</del>
75-25-2-----Bromoform	6.	<del>U</del>
108-10-1-----4-Methyl-2-Pentanone	11.	<del>U</del>
591-78-6-----2-Hexanone	11.	<del>U</del>
127-18-4-----Tetrachloroethene	6.	<del>U</del>
79-34-5-----1,1,2,2-Tetrachloroethane	6.	<del>U</del>
108-88-3-----Toluene	6.	<del>U</del>
108-90-7-----Chlorobenzene	6.	<del>U</del>
100-41-4-----Ethylbenzene	6.	<del>U</del>
100-42-5-----Styrene	6.	<del>U</del>
156-59-2-----1,2-Dichloroethene-cis	6.	<del>U</del>
106-42-3-----m,p-Xylenes	6.	<del>U</del>
95-47-6-----o-Xylene	6.	<del>U</del>

$\frac{1}{2} \rightarrow \frac{1}{2}$



1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP5-3

Lab Name: AES, Inc.	Contract:	
Lab Code: AES	Case No.: PAE0206	SAS No.: SDG No.: TP5-1
Matrix: (soil/water) SOIL		Lab Sample ID: TP5-3
Sample wt/vol: 5.000 (g/mL) G		Lab File ID: D0983
Level: (low/med) LOW		Date Received: 11/26/02
% Moisture: not dec. 13.		Date Analyzed: 12/05/02
Column: RTX502.2 ID: .32 (mm)		Dilution Factor: 1.0
Soil Extract Volume: _____ (uL)		Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.                      COMPOUND                      (ug/L or ug/Kg)      UG/KG                      Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	11.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	1,2-Dichloroethene-trans	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	1,2-Dichloroethene-cis	6.	U
106-42-3-----	m,p-Xylenes	6.	U
95-47-6-----	o-Xylene	6.	U

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP5-1

Lab Name: AES, Inc. Contract: SDG No.: TP5-1  
 Lab Code: AES Case No.: PAE0206 SAS No.: Lab Sample ID: TP5-1  
 Matrix: (soil/water) SOIL Lab File ID: B4249  
 Sample wt/vol: 30.0 (g/mL) G Date Received: 11/26/02  
 Level: (low/med) LOW Date Extracted: 11/27/02  
 Moisture: 16. decanted: (Y/N) N Date Analyzed: 12/04/02  
 Concentrated Extract Volume: 2000.0 (uL) Dilution Factor: 1.0  
 Injection Volume: 2.0 (uL)  
 SP Cleanup: (Y/N) N pH: 8.1

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

51-28-5-----2,4-Dinitrophenol	2000.	<del>U</del>	55
100-02-7-----4-Nitrophenol	2000.	<del>U</del>	
132-64-9-----Dibenzofuran	57.	J	
121-14-2-----2,4-Dinitrotoluene	400.	U	
84-66-2-----Diethylphthalate	400.	U	5
7005-72-3-----4-Chlorophenyl-phenylether	400.	U	
86-73-7-----Fluorene	170.	J	
100-01-6-----4-Nitroaniline	2000.	U	
534-52-1-----4,6-Dinitro-2-methylphenol	2000.	<del>U</del>	
86-30-6-----n-Nitrosodiphenylamine	400.	U	
101-55-3-----4-Bromophenyl-phenylether	400.	U	
118-74-1-----Hexachlorobenzene	400.	U	
87-86-5-----Pentachlorophenol	2000.	U	
85-01-8-----Phenanthrene	320.	J	
120-12-7-----Anthracene	110.	J	
86-74-8-----Carbazole	400.	U	
84-74-2-----Di-n-butylphthalate	400.	U	
206-44-0-----Fluoranthene	76.	J	
129-00-0-----Pyrene	75.	J	
85-68-7-----Butylbenzylphthalate	400.	U	
91-94-1-----3,3'-Dichlorobenzidine	790.	U	
56-55-3-----Benzo(a)anthracene	400.	U	
218-01-9-----Chrysene	400.	U	
117-81-7-----bis(2-Ethylhexyl)phthalate	400.	U	
117-84-0-----Di-n-octylphthalate	400.	U	
205-99-2-----Benzo(b)fluoranthene	400.	U	
207-08-9-----Benzo(k)fluoranthene	400.	U	
50-32-8-----Benzo(a)pyrene	400.	U	
193-39-5-----Indeno(1,2,3-cd)pyrene	400.	U	
53-70-3-----Dibenzo(a,h)anthracene	400.	U	
191-24-2-----Benzo(g,h,i)perylene	400.	U	

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

ANK  
1/16/03

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1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP5-1

Lab Name: AES, Inc.	Contract:	SDG No.: TP5-1
Lab Code: AES	Case No.: PAE0206	SAS No.:
Matrix: (soil/water) SOIL	Lab Sample ID: TP5-1	
Sample wt/vol: 30.0 (g/mL) G	Lab File ID: B4249	
Level: (low/med) LOW	Date Received: 11/26/02	
Moisture: 16. decanted: (Y/N) N	Date Extracted: 11/27/02	
Concentrated Extract Volume: 2000.0 (uL)	Date Analyzed: 12/04/02	
Injection Volume: 2.0 (uL)	Dilution Factor: 1.0	
PC Cleanup: (Y/N) N	pH: 8.1	

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

CAS NO.

COMPOUND

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-----bis(2-chloroisopropyl) ether	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	400.	U
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	400.	U
77-47-4-----Hexachlorocyclopentadiene	400.	U
88-06-2-----2,4,6-Trichlorophenol	400.	U
95-95-4-----2,4,5-Trichlorophenol	400.	U
91-58-7-----2-Chloronaphthalene	400.	U
88-74-4-----2-Nitroaniline	2000.	U
131-11-3-----Dimethylphthalate	400.	U
208-96-8-----Acenaphthylene	400.	U
606-20-2-----2,6-Dinitrotoluene	400.	U
99-09-2-----3-Nitroaniline	2000.	U
83-32-9-----Acenaphthene	75.	J

FORM I SV-1

3/90

1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP5-2

Lab Name: AES, Inc. Contract:  
Lab Code: AES Case No.: PAE0206 SAS No.: SDG No.: TP5-1  
Matrix: (soil/water) SOIL Lab Sample ID: TP5-2  
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B4245  
Level: (low/med) LOW Date Received: 11/26/02  
Moisture: 12. decanted: (Y/N) N Date Extracted: 11/27/02  
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 12/04/02  
Injection Volume: 2.0 (uL) Dilution Factor: 1.0  
Cleanup: (Y/N) N pH: 8.1

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

CAS NO. COMPOUND Q

108-95-2-----Phenol	380.	U
111-44-4-----bis(2-Chloroethyl) ether	380.	U
95-57-8-----2-Chlorophenol	380.	U
541-73-1-----1,3-Dichlorobenzene	380.	U
106-46-7-----1,4-Dichlorobenzene	380.	U
95-50-1-----1,2-Dichlorobenzene	380.	U
95-48-7-----2-Methylphenol	380.	U
108-60-1-----bis(2-chloroisopropyl) ether	380.	U
106-44-5-----4-Methylphenol	380.	U
621-64-7-----n-Nitroso-di-n-propylamine	380.	U
67-72-1-----Hexachloroethane	380.	U
98-95-3-----Nitrobenzene	380.	U
78-59-1-----Isophorone	380.	U
88-75-5-----2-Nitrophenol	380.	U
105-67-9-----2,4-Dimethylphenol	380.	U
111-91-1-----bis(2-Chloroethoxy) methane	380.	U
120-83-2-----2,4-Dichlorophenol	380.	U
120-82-1-----1,2,4-Trichlorobenzene	380.	U
91-20-3-----Naphthalene	380.	U
106-47-8-----4-Chloroaniline	380.	U
87-68-3-----Hexachlorobutadiene	380.	U
59-50-7-----4-Chloro-3-methylphenol	380.	U
91-57-6-----2-Methylnaphthalene	380.	U
77-47-4-----Hexachlorocyclopentadiene	380.	U
88-06-2-----2,4,6-Trichlorophenol	380.	U
95-95-4-----2,4,5-Trichlorophenol	380.	U
91-58-7-----2-Chloronaphthalene	380.	U
88-74-4-----2-Nitroaniline	1900.	U
131-11-3-----Dimethylphthalate	380.	U
208-96-8-----Acenaphthylene	380.	U
606-20-2-----2,6-Dinitrotoluene	380.	U
99-09-2-----3-Nitroaniline	1900.	U
83-32-9-----Acenaphthene	380.	U

FORM I SV-1

3/90

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP5-2

Lab Name: AES, Inc. Contract: \_\_\_\_\_  
 Lab Code: AES Case No.: PAE0206 SAS No.: \_\_\_\_\_ SDG No.: TP5-1  
 Matrix: (soil/water) SOIL Lab Sample ID: TP5-2  
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B4245  
 Level: (low/med) LOW Date Received: 11/26/02  
 % Moisture: 12. decanted: (Y/N) N Date Extracted: 11/27/02  
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 12/04/02  
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0  
 GFT Cleanup: (Y/N) N pH: 8.1

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

51-28-5-----	2,4-Dinitrophenol	1900.	<del>U</del>	SS
100-02-7-----	4-Nitrophenol	1900.	<del>U</del>	
132-64-9-----	Dibenzofuran	38.	J	
121-14-2-----	2,4-Dinitrotoluene	380.	U	
84-66-2-----	Diethylphthalate	380.	U	S
7005-72-3-----	4-Chlorophenyl-phenylether	380.	U	
86-73-7-----	Fluorene	110.	J	
100-01-6-----	4-Nitroaniline	1900.	U	
534-52-1-----	4,6-Dinitro-2-methylphenol	1900.	<del>U</del>	S
86-30-6-----	n-Nitrosodiphenylamine	380.	U	
101-55-3-----	4-Bromophenyl-phenylether	380.	U	
118-74-1-----	Hexachlorobenzene	380.	U	
87-86-5-----	Pentachlorophenol	1900.	U	J
85-01-8-----	Phenanthrene	390.		
120-12-7-----	Anthracene	130.	J	
86-74-8-----	Carbazole	380.	U	
84-74-2-----	Di-n-butylphthalate	380.	U	J
206-44-0-----	Fluoranthene	380.	U	
129-00-0-----	Pyrene	130.	J	
85-68-7-----	Butylbenzylphthalate	380.	U	
91-94-1-----	3,3'-Dichlorobenzidine	760.	U	U
56-55-3-----	Benzo(a)anthracene	380.	U	
218-01-9-----	Chrysene	380.	U	
117-81-7-----	bis(2-Ethylhexyl)phthalate	380.	U	
117-84-0-----	Di-n-octylphthalate	380.	U	U
205-99-2-----	Benzo(b)fluoranthene	380.	U	
207-08-9-----	Benzo(k)fluoranthene	380.	U	
50-32-8-----	Benzo(a)pyrene	380.	U	
193-39-5-----	Indeno(1,2,3-cd)pyrene	380.	U	U
53-70-3-----	Dibenzo(a,h)anthracene	380.	U	
191-24-2-----	Benzo(g,h,i)perylene	380.	U	

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

Amk  
11/6/03

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1B  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP5-3

Lab Name: AES, Inc.	Contract:	
Lab Code: AES	Case No.: PAE0206	SAS No.: SDG No.: TP5-1
Matrix: (soil/water) SOIL		Lab Sample ID: TP5-3
Sample wt/vol: 30.0 (g/mL) G		Lab File ID: B4246
Level: (low/med) LOW		Date Received: 11/26/02
Moisture: 13. decanted: (Y/N) N		Date Extracted: 11/27/02
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 12/04/02
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0
GPC Cleanup: (Y/N) N	pH: 8.2	

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

CAS NO. COMPOUND Q

108-95-2-----Phenol	380.	U
111-44-4-----bis(2-Chloroethyl) ether	380.	U
95-57-8-----2-Chlorophenol	380.	U
541-73-1-----1,3-Dichlorobenzene	380.	U
106-46-7-----1,4-Dichlorobenzene	380.	U
95-50-1-----1,2-Dichlorobenzene	380.	U
95-48-7-----2-Methylphenol	380.	U
108-60-1-----bis(2-chloroisopropyl) ether	380.	U
106-44-5-----4-Methylphenol	380.	U
621-64-7-----n-Nitroso-di-n-propylamine	380.	U
67-72-1-----Hexachloroethane	380.	U
98-95-3-----Nitrobenzene	380.	U
78-59-1-----Isophorone	380.	U
88-75-5-----2-Nitrophenol	380.	U
105-67-9-----2,4-Dimethylphenol	380.	U
111-91-1-----bis(2-Chloroethoxy) methane	380.	U
120-83-2-----2,4-Dichlorophenol	380.	U
120-82-1-----1,2,4-Trichlorobenzene	380.	U
91-20-3-----Naphthalene	380.	U
106-47-8-----4-Chloroaniline	380.	U
87-68-3-----Hexachlorobutadiene	380.	U
59-50-7-----4-Chloro-3-methylphenol	380.	U
91-57-6-----2-Methylnaphthalene	380.	U
77-47-4-----Hexachlorocyclopentadiene	380.	U
88-06-2-----2,4,6-Trichlorophenol	380.	U
95-95-4-----2,4,5-Trichlorophenol	380.	U
91-58-7-----2-Chloronaphthalene	380.	U
88-74-4-----2-Nitroaniline	1900.	U
131-11-3-----Dimethylphthalate	380.	U
208-96-8-----Acenaphthylene	380.	U
606-20-2-----2,6-Dinitrotoluene	380.	U
99-09-2-----3-Nitroaniline	1900.	U
83-32-9-----Acenaphthene	380.	U

FORM I SV-1

3/90

1C  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP5-3

Lab Name: AES, Inc. Contract:  
Lab Code: AES Case No.: PAE0206 SAS No.: SDG No.: TP5-1  
Matrix: (soil/water) SOIL Lab Sample ID: TP5-3  
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B4246  
Level: (low/med) LOW Date Received: 11/26/02  
% Moisture: 13. decanted: (Y/N) N Date Extracted: 11/27/02  
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 12/04/02  
Injection Volume: 2.0 (uL) Dilution Factor: 1.0  
C/C Cleanup: (Y/N) N pH: 8.2

CAS NO. COMPOUND CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG Q

51-28-5-----2,4-Dinitrophenol	1900.	U	55
100-02-7-----4-Nitrophenol	1900.	U	
132-64-9-----Dibenzofuran	380.	U	
121-14-2-----2,4-Dinitrotoluene	380.	U	
84-66-2-----Diethylphthalate	380.	U	
7005-72-3-----4-Chlorophenyl-phenylether	380.	U	
86-73-7-----Fluorene	380.	U	
100-01-6-----4-Nitroaniline	1900.	U	
534-52-1-----4,6-Dinitro-2-methylphenol	1900.	U	5
86-30-6-----n-Nitrosodiphenylamine	380.	U	
101-55-3-----4-Bromophenyl-phenylether	380.	U	
118-74-1-----Hexachlorobenzene	380.	U	
87-86-5-----Pentachlorophenol	1900.	U	
85-01-8-----Phenanthrene	380.	U	
120-12-7-----Anthracene	380.	U	
86-74-8-----Carbazole	380.	U	
84-74-2-----Di-n-butylphthalate	380.	U	
206-44-0-----Fluoranthene	380.	U	
129-00-0-----Pyrene	380.	U	
85-68-7-----Butylbenzylphthalate	380.	U	
91-94-1-----3,3'-Dichlorobenzidine	770.	U	
56-55-3-----Benzo(a)anthracene	380.	U	
218-01-9-----Chrysene	380.	U	
117-81-7-----bis(2-Ethylhexyl)phthalate	380.	U	
117-84-0-----Di-n-octylphthalate	380.	U	
205-99-2-----Benzo(b)fluoranthene	380.	U	
207-08-9-----Benzo(k)fluoranthene	380.	U	
50-32-8-----Benzo(a)pyrene	380.	U	
193-39-5-----Indeno(1,2,3-cd)pyrene	380.	U	
53-70-3-----Dibenzo(a,h)anthracene	380.	U	
191-24-2-----Benzo(g,h,i)perylene	380.	U	

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

Amk  
1/16/03

1D  
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP5-1

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: PAE 0206

SAS No.:

SDG No.: TP5-1

Matrix: (soil/water) SOIL

Lab Sample ID: TP5-1

Sample wt/vol: 30.0 (g/mL) g

Lab File ID: 021126 Y01

Level: (low/med) LOW

Date Received: 11/26/02

% Moisture: not dec. 16. dec. \_\_\_\_\_

Date Extracted: 11/26/02

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 11/27/02

GPC Cleanup: (Y/N) N pH: 8.1

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

12674-11-2-----Arochlor-1016	39.	U
11104-28-2-----Arochlor-1221	39.	U
11141-16-5-----Arochlor-1232	39.	U
53469-21-9-----Arochlor-1242	39.	U
12672-29-6-----Arochlor-1248	39.	U
11097-69-1-----Arochlor-1254	39.	U
11096-82-5-----Arochlor-1260	39.	U

FORM I PEST

1/87 Rev.



1D  
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP5-2

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: PAE 0206

SAS No.:

SDG No.: TP5-1

Matrix: (soil/water) SOIL

Lab Sample ID: TP5-2

Sample wt/vol: 30.0 (g/mL) g

Lab File ID: 021126 Y03

Level: (low/med) LOW

Date Received: 11/26/02

% Moisture: not dec. 12. dec. \_\_\_\_\_

Date Extracted: 11/26/02

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 11/27/02

GPC Cleanup: (Y/N) N pH: 8.3

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

12674-11-2-----Arochlor-1016	38.	U
11104-28-2-----Arochlor-1221	38.	U
11141-16-5-----Arochlor-1232	38.	U
53469-21-9-----Arochlor-1242	38.	U
12672-29-6-----Arochlor-1248	38.	U
11097-69-1-----Arochlor-1254	38.	U
11096-82-5-----Arochlor-1260	38.	U

FORM I PEST

1/87 Rev.

1D  
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP5-3

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: PAE 0206

SAS No.:

SDG No.: TP5-1

Matrix: (soil/water) SOIL

Lab Sample ID: TP5-3

Sample wt/vol: 30.0 (g/mL) g

Lab File ID: 021126 Y02

Level: (low/med) LOW

Date Received: 11/26/02

% Moisture: not dec. 13. dec. \_\_\_\_\_

Date Extracted: 11/26/02

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 11/27/02

GPC Cleanup: (Y/N) N pH: 8.2

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

12674-11-2-----Arochlor-1016	38.	U
11104-28-2-----Arochlor-1221	38.	U
11141-16-5-----Arochlor-1232	38.	U
53469-21-9-----Arochlor-1242	38.	U
12672-29-6-----Arochlor-1248	38.	U
11097-69-1-----Arochlor-1254	38.	U
11096-82-5-----Arochlor-1260	38.	U

FORM I PEST

1/87 Rev.

U.S. EPA - CLP  
1  
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP5-1

Lab Name: ADIRONDACK\_ENVIRONMENTAL

Contract: \_\_\_\_\_

Lab Code: AES\_\_

Case No.: PAE\_0206

SAS No.: \_\_\_\_\_

SDG No.: TP5-1\_\_

Matrix (soil/water): SOIL\_\_

Lab Sample ID: TP5-1\_\_\_\_\_

Level (low/med): LOW\_\_

Date Received: 11/26/02

% Solids: 84.0\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5050	-	-	P
7440-36-0	Antimony	0.60	<del>U</del>	<del>N</del>	P
7440-38-2	Arsenic	0.92	B	-	P
7440-39-3	Barium	47.4	B	-	P
7440-41-7	Beryllium	0.042	B	-	P
7440-43-9	Cadmium	0.048	U	-	P
7440-70-2	Calcium	73400	-	-	P
7440-47-3	Chromium	5.4	-	-	P
7440-48-4	Cobalt	4.3	B	-	P
7440-50-8	Copper	7.5	-	-	P
7439-89-6	Iron	8760	-	<del>P</del>	P
7439-92-1	Lead	3.7	-	<del>N</del>	P
7439-95-4	Magnesium	30300	-	-	P
7439-96-5	Manganese	323	-	-	P
7439-97-6	Mercury	0.024	B	<del>N</del>	AV
7440-02-0	Nickel	0.24	U	-	P
7440-09-7	Potassium	1330	-	-	P
7782-49-2	Selenium	0.60	B	-	P
7440-22-4	Silver	0.43	<del>U</del>	<del>N</del>	P
7440-23-5	Sodium	214	B	-	P
7440-28-0	Thallium	0.76	<del>U</del>	<del>N</del>	P
7440-62-2	Vanadium	11.0	B	-	P
7440-66-6	Zinc	65.0	-	-	P
7440-42-8	Boron	-	-	-	NR

SS

SS

SS

SS

Amk  
1/1/03

Color Before: \_\_\_\_\_

Clarity Before: \_\_\_\_\_

Texture: \_\_\_\_\_

Color After: \_\_\_\_\_

Clarity After: \_\_\_\_\_

Artifacts: \_\_\_\_\_

Comments:

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U.S. EPA - CLP  
1  
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP5-2

Lab Name: ADIRONDACK\_ENVIRONMENTAL Contract: \_\_\_\_\_

Lab Code: AES Case No.: PAE\_0206 SAS No.: \_\_\_\_\_ SDG No.: TP5-1\_

Matrix (soil/water): SOIL Lab Sample ID: TP5-2

Level (low/med): LOW Date Received: 11/26/02

% Solids: 88.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9540	-		P
7440-36-0	Antimony	0.57	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	P
7440-38-2	Arsenic	0.60	B		P
7440-39-3	Barium	68.2	-		P
7440-41-7	Beryllium	0.34	B		P
7440-43-9	Cadmium	0.045	U		P
7440-70-2	Calcium	34400	-		P
7440-47-3	Chromium	10.4	-		P
7440-48-4	Cobalt	5.8	B		P
7440-50-8	Copper	9.3	-		P
7439-89-6	Iron	13600	-	<input checked="" type="checkbox"/>	P
7439-92-1	Lead	17.5	-	<input checked="" type="checkbox"/>	P
7439-95-4	Magnesium	13400	-		P
7439-96-5	Manganese	463	-		P
7439-97-6	Mercury	0.0081	B	<input checked="" type="checkbox"/>	AV
7440-02-0	Nickel	0.23	U		P
7440-09-7	Potassium	1090	B		P
7782-49-2	Selenium	0.96	B		P
7440-22-4	Silver	0.41	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	P
7440-23-5	Sodium	136	B		P
7440-28-0	Thallium	0.73	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	P
7440-62-2	Vanadium	18.9	-		P
7440-66-6	Zinc	228	-		P
7440-42-8	Boron		-		NR

Color Before: \_\_\_\_\_ Clarity Before: \_\_\_\_\_ Texture: \_\_\_\_\_

Color After: \_\_\_\_\_ Clarity After: \_\_\_\_\_ Artifacts: \_\_\_\_\_

Comments:

U.S. EPA - CLP  
1  
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP5-3

Lab Name: ADIRONDACK\_ENVIRONMENTAL

Contract: \_\_\_\_\_

Lab Code: AES\_\_

Case No.: PAE\_0206

SAS No.: \_\_\_\_\_

SDG No.: TP5-1\_\_

Matrix (soil/water): SOIL\_\_

Lab Sample ID: TP5-3\_\_\_\_\_

Level (low/med): LOW\_\_

Date Received: 11/26/02

% Solids: 87.0\_\_

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9580	-		P
7440-36-0	Antimony	0.57	<del>U</del>	<del>N</del>	P
7440-38-2	Arsenic	0.51	U		P
7440-39-3	Barium	60.9			P
7440-41-7	Beryllium	0.24	B		P
7440-43-9	Cadmium	0.046	U		P
7440-70-2	Calcium	34000			P
7440-47-3	Chromium	9.9			P
7440-48-4	Cobalt	6.5	B		P
7440-50-8	Copper	9.9			P
7439-89-6	Iron	14700		<del>E</del>	P
7439-92-1	Lead	2.5		<del>N</del>	P
7439-95-4	Magnesium	14600			P
7439-96-5	Manganese	428			P
7439-97-6	Mercury	0.0023 0.000001	<del>U</del>	<del>N</del>	AV
7440-02-0	Nickel	0.23	U		P
7440-09-7	Potassium	1280			P
7782-49-2	Selenium	0.57	U		P
7440-22-4	Silver	0.41	<del>U</del>	<del>N</del>	P
7440-23-5	Sodium	139	B		P
7440-28-0	Thallium	0.74	<del>U</del>	<del>N</del>	P
7440-62-2	Vanadium	20.1			P
7440-66-6	Zinc	86.7			P
7440-42-8	Boron				NR

55

44

55

55

55

Amk  
11/6/03

Color Before: \_\_\_\_\_

Clarity Before: \_\_\_\_\_

Texture: \_\_\_\_\_

Color After: \_\_\_\_\_

Clarity After: \_\_\_\_\_

Artifacts: \_\_\_\_\_

Comments:

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## U.S. EPA - CLP

1

## CONVENTIONALS ANALYSIS DATA SHEET

TP5-1

LAB NAME: Adirondack Environmental

CONTRACT:

LAB CODE: AES

Case No.: PAE 0206

SAS No.:

SDG No.: TP5-1

Matrix (soil/water): Soil

Lab Sample ID: 021126Y-01

Level (Low/Med): Low

Date Received: 11/26/02

% Solids: 83.9

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

Analyte	Concentration	C	Q	Method
Total Kjeldahl Nitrogen, as N				EPA 351.3
Ammonia, as N				EPA 350.1
Nitrate				EPA 300.0
Chemical Oxygen Demand (COD)				EPA 410.4
Biochemical Oxygen Demand (BOD 5)				EPA 405.1
Total Organic Carbon (TOC)				EPA 415.2
Total Dissolved Solids (TDS)				EPA 160.1
Sulfate				EPA 300.0
Alkalinity				EPA 310.1
Total Phenols				EPA 420.1
Chloride				EPA 300.0
Bromide				EPA 300.0
Eh				
Specific Conductance				EPA 120.1
Cyanide	0.12	<del>W</del>	JS	EPA 9012
pH				EPA 150.1
Turbidity				EPA 180.1
Color				EPA 110.1
Hexavalent Chromium				SW 7196

Comments

FORM I - CONV

Amk  
11/1/03

## U.S. EPA - CLP

1

## CONVENTIONALS ANALYSIS DATA SHEET

TP5-2

LAB NAME: Adirondack Environmental

CONTRACT:

LAB CODE: AES

Case No.: PAE 0206

SAS No.:

SDG No.: TP5-1

Matrix (soil/water): Soil

Lab Sample ID: 021126Y-03

Level (Low/Med): Low

Date Received: 11/26/02

% Solids: 88.4

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

Analyte	Concentration	C	Q	Method
Total Kjeldahl Nitrogen, as N				EPA 351.3
Ammonia, as N				EPA 350.1
Nitrate				EPA 300.0
Chemical Oxygen Demand (COD)				EPA 410.4
Biochemical Oxygen Demand (BOD 5)				EPA 405.1
Total Organic Carbon (TOC)				EPA 415.2
Total Dissolved Solids (TDS)				EPA 160.1
Sulfate				EPA 300.0
Alkalinity				EPA 310.1
Total Phenols				EPA 420.1
Chloride				EPA 300.0
Bromide				EPA 300.0
Eh				
Specific Conductance				EPA 120.1
Cyanide	0.11	✓	US	EPA 9012
pH				EPA 150.1
Turbidity				EPA 180.1
Color				EPA 110.1
Hexavalent Chromium				SW 7196

Comments

FORM I - CONV

Amk  
11/10/03

## U.S. EPA - CLP

1

## CONVENTIONALS ANALYSIS DATA SHEET

TP5-3

LAB NAME: Adirondack Environmental

CONTRACT:

LAB CODE: AES

Case No.: PAE 0206

SAS No.:

SDG No.: TP5-1

Matrix (soil/water): Soil

Lab Sample ID: 021126Y-02

Level (Low/Med): Low

Date Received: 11/26/02

% Solids: 87.2

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

Analyte	Concentration	C	Q	Method
Total Kjeldahl Nitrogen, as N				EPA 351.3
Ammonia, as N				EPA 350.1
Nitrate				EPA 300.0
Chemical Oxygen Demand (COD)				EPA 410.4
Biochemical Oxygen Demand (BOD 5)				EPA 405.1
Total Organic Carbon (TOC)				EPA 415.2
Total Dissolved Solids (TDS)				EPA 160.1
Sulfate				EPA 300.0
Alkalinity				EPA 310.1
Total Phenols				EPA 420.1
Chloride				EPA 300.0
Bromide				EPA 300.0
Eh				
Specific Conductance				EPA 120.1
Cyanide	0.11	<del>A</del>	US	EPA 9012
pH				EPA 150.1
Turbidity				EPA 180.1
Color				EPA 110.1
Hexavalent Chromium				SW 7196

Comments

FORM I - CONV

AMK  
1/17/03



## **ATTACHMENT B**

### **SUPPORT DOCUMENTATION**



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## Case Narrative

**Client:** Pan American Environmental – Trinidad Park

**Case:** PAE 0206

**SDG:** TP5-1

<u>Sample ID</u>	<u>Laboratory Sample ID</u>	<u>Date Received</u>	<u>VTSR</u>	<u>Matrix</u>
TP5-1	021126Y-01	11/26/02	12:37	Soil
TP5-3	021126Y-02	11/26/02	12:37	Soil
TP5-2	021126Y-03	11/26/02	12:37	Soil

### Volatile Organics

- 1) The samples were analyzed using EPA Method 8260 following the criteria for NYSDEC ASP.
- 2) The %RSD for the compound Vinyl Chloride in the initial calibration analyzed on 12/5/02 was outside the required limits. The %RSD for this compound was 24.2 %. The RRF for the compound 1,1,2,2-Tetrachloroethane in the initial calibration analyzed on 12/5/02 was outside the required limits. The RRF for this compound was 0.419. According to the protocol, two volatile organic compounds may exceed the %RSD limit of 20.5 % or the specified RRF as long as the %RSD is less than 40 % and the RRF is above 0.010. The %RSD was below 40 % and the RRF was greater than 0.010 for these compounds.
- 3) The RRF for the compound 1,1,2,2-Tetrachloroethane in the continuing calibration analyzed on 12/6/02 was outside the required limits. The RRF for this compound was 0.450. According to the protocol, two volatile organic compounds may exceed the %D limit of 25.0 % and the minimum RRF values as long as the %D is less than 40 % and the RRF is above 0.010. The %D was below 40 % and the RRF was greater than 0.010 for this compound.
- 4) Sample TP5-2 (AES sample number 021126Y-03) was used for the matrix spike and the matrix spike duplicate analysis. All recoveries were within acceptable limits.
- 5) The column used in Instrument D for analysis was an RTX-502.2, 60 meters long with an internal diameter of 0.32 mm.



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## Semi-Volatile Organics

- 1) The samples were analyzed using EPA Method 8270 following the criteria for NYSDEC ASP.
- 2) The %RSD for the compound Pentachlorophenol in the initial calibration analyzed on 11/25/02 was outside the criteria established by the method. The %RSD for this compound was 23.3 %. According to the protocol, four semi-volatile organic compounds may exceed the %RSD limit of 20.5 % and the minimum RRF values as long as the %RSD is less than 40 % and the RRF is above 0.010. The %RSD was below 40 % and the RRF was greater than 0.010 for this compound.
- 3) Sample TP5-3 (AES sample number 021126Y-02) was used for the matrix spike and the matrix spike duplicate analysis. All recoveries were within acceptable limits.

## PCB's

- 1) Samples were analyzed using EPA Method 8082.
- 2) Peak area was used to calculate all values appearing in this data package.
- 3) The primary quantitation column is identified as DB1701 and the confirmation column is identified as DB608.
- 4) Please find after this narrative, a listing of the peaks used to identify and quantitate Aroclor constituents in this data package.
- 5) All PCB samples were sulfur and acid cleaned prior to analysis as necessary.
- 6) Sample TP5-3 (AES sample number 021126Y-02) was used for matrix spike and the matrix spike duplicate analysis. The MS/MSD was spiked with Aroclor 1016 and Aroclor 1260. All recoveries were within acceptable limits.

## Inorganics – Total Metals

- 1) The recovery for Calcium and Iron in the ICSA and the ICSAB check standards were outside the required limit. The required concentration for these analytes in the check standards is 500,000 ug/L and 200,000 ug/L, respectively. The linear range on this instrument for Calcium and Iron is 400,000 ug/L and 80,000 ug/L, respectively. At this level accurate recovery of Calcium and Iron in the check standards is not possible. No further action is required.



Experience is the solution

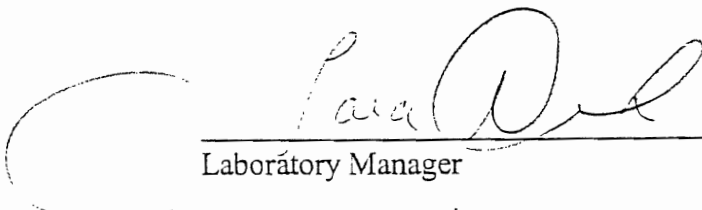
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- 2) The digested spike recoveries for the elements Antimony, Lead, Mercury, Silver and Thallium for sample TP5-1 (AES sample number 021126Y-01) were outside the required 75-125 % limits. A post digestion spike was performed and the recovery for Antimony was within acceptable limits. The results for these elements are flagged with an "N" as specified by the protocol. This indicates possible matrix interference.
- 3) The element Iron for sample TP5-1 (AES sample number 021126Y-01) did not meet the serial dilution criteria of 10 %. This element is flagged with an "E" as required by the protocol. The "E" denotes an estimated value. This indicates a possible chemical or physical interference.

### Conventional

- 1) Sample TP5-3 (AES sample number 021126Y-02) was used for the matrix spike and duplicate samples. The recovery for the Cyanide spike was outside required limits. The recovery for this spike was 11 %.

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

  
Laboratory Manager

Date: 1/3/03



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Albany, New York 12207  
518-434-4546/434-0891 FAX

# CHAIN OF CUSTODY RECORD

A full service analytical research laboratory offering solutions to environmental concerns

Client Name: <b>Panamerican</b>		Address: <b>2390 Clinton St. Buffalo, NY 14227</b>	
Send Report To: <b>John Beery</b>		Project Name (Location): <b>Triniao Park</b>	Samplers: (Names): <b>Robert Corman</b>
Client Phone No: <b>716-821-1650</b>		PO Number:	Samplers: (Signature)
Client Fax No: <b>716-821-1607</b>			

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.	Sample Type			Number of Cont's	Analysis Required
				Matrix	Comp	Grab		
021126 Y01	TP5-1	11/25/02	A	Soil			2	CUP UOAs, SUOAs PCBS, TAL metals, CN
Y02	TP5-3	MS	P					
	TP5-3		A					
Y03	TP5-2	MSO	P					
	TP5-3		A					
			P					
			A					
			P					
			A					
			P					
			A					
			P					
			A					
			P					
			A					
			P					
			A					
			P					
			A					
			P					
			A					
			P					

Turnaround Time Request: <input type="checkbox"/> 1 Day <input type="checkbox"/> 3 Day <input checked="" type="checkbox"/> <del>Normal</del> <input type="checkbox"/> 2 Day <input checked="" type="checkbox"/> 5 Day (1 week?)	Special Instructions/Remarks: <b>Category B deliverable</b>
CC Report To:	

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date/Time <b>11/25/02</b>
Relinquished by: (Signature)	Received for Laboratory by: <i>[Signature]</i>	Date/Time <b>11/26/02 12:37</b>

TEMPERATURE Ambient or Chilled Notes: <u>70</u>	PROPERLY PRESERVED <input checked="" type="radio"/> Y <input type="radio"/> N Notes: _____	RECEIVED WITHIN HOLDING TIMES <input checked="" type="radio"/> Y <input type="radio"/> N Notes: _____
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WHITE - Lab Copy

YELLOW - Sampler Copy

PINK - Generator Copy

**Adirondack Environmental Services, Inc.**

## QUANT REPORT

Page 1

Operator ID: MARIE  
Output File: ^D0989::QT  
Data File: >D0989::D6  
Name: 021126 Y3  
Misc: 70020 TP5-2

Quant Rev: 7      Quant Time: 021206 13:44  
                  Injected at: \*\*1206 13:18  
Dilution Factor: 1.00000  
Instrument ID: 7002 D

ID File: IDSS91::MT

Title: HP QDA Continuing Calibration Standard

Last Calibration: 021025 11:11

Last Qcal Time: \*\*1206 12:18

Compound	R.T.	Q ion	Area	Conc	Units	q
1) *Bromochloromethane	10.81	128.0	23324	50.00	ug	91
19) 1,2-Dichloroethane-d4	11.73	65.0	51080	48.87	UG	100
22) *1,4-Difluorobenzene	12.32	114.0	139442	50.00	ug	98
36) *Chlorobenzene-d5	18.07	117.0	116674	50.00	UG	97
42) Toluene d-8	19.14	98.0	120993	47.00	ug	85
48) Bromofluorobenzene	20.49	95.0	57041	52.85	UG	82

\* Compound is ISTD

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: PAE0206 SAS No.:

SDG No.: TP5-1

Instrument ID: 5973 B

Calibration Date: 12/04/02

Time: 11:53

Lab File ID: BS471

Init. Calib. Date(s): 11/25/02

11/25/02

Init. Calib. Times: 18:28

22:12

COMPOUND	RRF	RRF50	MIN RRF	%D	MAX %D
=====	=====	=====	=====	=====	=====
Phenol	1.758	1.669	.800	5.1	25.0
bis(2-Chloroethyl) ether	1.447	1.578	.700	-9.1	25.0
2-Chlorophenol	1.538	1.460	.800	5.1	25.0
1,3-Dichlorobenzene	1.556	1.493	.600	4.0	25.0
1,4-Dichlorobenzene	1.571	1.511	.500	3.8	25.0
1,2-Dichlorobenzene	1.387	1.390	.400	-.2	25.0
2-Methylphenol	1.149	1.184	.700	-3.0	25.0
bis(2-chloroisopropyl) ether	1.413	1.373		2.8	
4-Methylphenol	1.309	1.395	.600	-6.6	25.0
n-Nitroso-di-n-propylamine	.587	.630	.500	-7.3	25.0
Hexachloroethane	.735	.750	.300	-2.0	25.0
Nitrobenzene	.480	.465	.200	3.1	25.0
Isophorone	.595	.628	.400	-5.5	25.0
2-Nitrophenol	.310	.311	.100	-.3	25.0
2,4-Dimethylphenol	.749	.788	.200	-5.2	25.0
bis(2-Chloroethoxy) methane	.504	.523	.300	-3.8	25.0
2,4-Dichlorophenol	.537	.552	.200	-2.8	25.0
1,2,4-Trichlorobenzene	.626	.615	.200	1.8	25.0
Naphthalene	1.052	1.035	.700	1.6	25.0
4-Chloroaniline	.461	.482		-4.6	
Hexachlorobutadiene	.353	.341		3.4	
4-Chloro-3-methylphenol	.301	.324	.200	-7.6	25.0
2-Methylnaphthalene	.987	1.035	.400	-4.9	25.0
Hexachlorocyclopentadiene	.645	.590		8.5	
2,4,6-Trichlorophenol	.923	.919	.200	.4	25.0
2,4,5-Trichlorophenol	.800	.772	.200	3.5	25.0
2-Chloronaphthalene	1.830	1.772	.800	3.2	25.0
2-Nitroaniline	.787	.785		.3	
Dimethylphthalate	1.125	1.194		-6.1	
Acenaphthylene	2.202	2.198	1.300	.2	25.0
2,6-Dinitrotoluene	.368	.377	.200	-2.4	25.0
3-Nitroaniline	.560	.539		3.8	
Acenaphthene	2.392	2.373	.800	.8	25.0
2,4-Dinitrophenol	.225	.082		63.6	
4-Nitrophenol	.496	.285		42.5	
Dibenzofuran	1.865	1.824	.800	2.2	25.0
2,4-Dinitrotoluene	.433	.412	.200	4.8	25.0

All other compounds must meet a minimum RRF of .010.

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: PAE0206 SAS No.:

SDG No.: TP5-1

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11/25/02

Init. Calib. Times:

18:28

22:12

COMPOUND	RRF	RRF50	MIN RRF	%D	MAX %D
Diethylphthalate	1.197	1.224		-2.3	
4-Chlorophenyl-phenylether	.923	.920	.400	.3	25.0
Fluorene	2.020	1.975	.900	2.2	25.0
4-Nitroaniline	.447	.374		16.3	
4,6-Dinitro-2-methylphenol	.175	.128		26.9	
n-Nitrosodiphenylamine	.583	.682		-17.0	
4-Bromophenyl-phenylether	.447	.491	.100	-9.8	25.0
Hexachlorobenzene	.280	.287	.100	-2.5	25.0
Pentachlorophenol	.221	.182	.050	17.6	25.0
Phenanthrene	1.120	1.098	.700	2.0	25.0
Anthracene	1.122	1.099	.700	2.0	25.0
Carbazole	.685	.623		9.1	
Di-n-butylphthalate	.952	.909		4.5	
Fluoranthene	.852	.736	.600	13.6	25.0
Pyrene	1.507	1.558	.600	-3.4	25.0
Butylbenzylphthalate	.876	.881		-.6	
3,3'-Dichlorobenzidine	.560	.533		4.8	
Benzo(a)anthracene	1.289	1.263	.800	2.0	25.0
Chrysene	1.297	1.279	.700	1.4	25.0
bis(2-Ethylhexyl)phthalate	.813	.842		-3.6	
Di-n-octylphthalate	1.142	1.209		-5.9	
Benzo(b)fluoranthene	1.054	.982	.700	6.8	25.0
Benzo(k)fluoranthene	1.218	1.195	.700	1.9	25.0
Benzo(a)pyrene	1.014	.965	.700	4.8	25.0
Indeno(1,2,3-cd)pyrene	.863	.833	.500	3.5	25.0
Dibenzo(a,h)anthracene	.935	.937	.400	-.2	25.0
Benzo(g,h,i)perylene	1.117	1.121	.500	-.4	25.0
Nitrobenzene-d5	.556	.534		4.0	
2-Fluorobiphenyl	1.559	1.553	.700	.4	25.0
Terphenyl-d14	.876	.920	.500	-5.0	25.0
Phenol-d5	1.396	1.322	.800	5.3	25.0
2-Fluorophenol	.958	.905	.600	5.5	25.0
2,4,6-Tribromophenol	.164	.171		-4.3	

(1) Cannot be separated from Diphenylamine

All other compounds must meet a minimum RRF of .010.

FORM VII SV-2

3/90



## U.S. EPA - CLP

2B

## CRDL STANDARD FOR AA AND ICP

Lab Name: ADIRONDACK\_ENVIRONMENTAL

Contract: \_\_\_\_\_

Lab Code: AES\_\_

Case No.: PAE\_0206

SAS No.: \_\_\_\_\_

SDG No.: TP5-1

AA CRDL Standard Source: \_\_\_\_\_

ICP CRDL Standard Source: HIGH\_PURITY\_\_

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	Initial True	Initial Found	%R	Final Found	%R
Aluminum								
Antimony				120.0	120.19	100.2	122.24	101.9
Arsenic				20.0	20.97	104.8	23.66	118.3
Barium								
Beryllium				10.0	9.95	99.5	10.36	103.6
Cadmium				10.0	9.84	98.4	10.03	100.3
Calcium								
Chromium				20.0	18.29	91.4	16.29	81.4
Cobalt				100.0	100.69	100.7	107.72	107.7
Copper				50.0	47.40	94.8	48.59	97.2
Iron								
Lead				6.0	7.29	121.5	8.97	149.5
Magnesium								
Manganese				30.0	30.43	101.4	31.86	106.2
Mercury								
Nickel				80.0	86.57	108.2	80.95	101.2
Potassium								
Selenium				10.0	11.20	112.0	11.60	116.0
Silver				20.0	18.75	93.8	19.65	98.2
Sodium								
Thallium				20.0	16.91	84.6	18.93	94.6
Vanadium				100.0	99.36	99.4	102.45	102.4
Zinc				40.0	41.17	102.9	42.82	107.0
Boron								

Control Limits: no limits have been established by EPA at this time

U.S. EPA - CLP  
5A  
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

TP5-1 S

Lab Name: ADIRONDACK\_ENVIRONMENTAL Contract: \_\_\_\_\_

Lab Code: AES Case No.: PAE\_0206 SAS No.: \_\_\_\_\_ SDG No.: TP5-1\_

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 84.0\_

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

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony	75-125	25.5753		0.5952	U	119.05	21.5	N	P
Arsenic	75-125	8.3368		0.9231	B	9.52	77.9		P
Barium	75-125	487.0747		47.3833	B	476.19	92.3		P
Beryllium	75-125	11.3027		0.0425	B	11.90	94.6		P
Cadmium	75-125	9.9695		0.0476	U	11.90	83.8		P
Calcium									NR
Chromium	75-125	54.8074		5.3752		47.62	103.8		P
Cobalt	75-125	105.7830		4.3043	B	119.05	85.2		P
Copper	75-125	63.0342		7.5151		59.52	93.3		P
Iron		39740.0000		36774.4600		238.10	1245.5		P
Lead	75-125	5.3034		3.6628		4.76	34.5	N	P
Magnesium									NR
Manganese	75-125	442.3487		323.4021		119.05	99.9		P
Mercury	75-125	0.8756		0.0242	B	1.19	71.5	N	AV
Nickel	75-125	91.9694		0.2381	U	119.05	77.3		P
Potassium									NR
Selenium	75-125	2.7403		0.5964	B	2.38	90.1		P
Silver	75-125	4.7774		0.4286	U	11.90	40.1	N	P
Sodium									NR
Thallium	75-125	5.5290		0.7619	U	11.90	46.5	N	P
Titanium	75-125	120.4637		11.0137	B	119.05	91.9		P
Zinc	75-125	172.7615		65.0193		119.05	90.5		P
Boron									NR

Comments:

U.S. EPA - CLP  
9  
ICP SERIAL DILUTIONS

EPA SAMPLE NO.

TP5-1 L

Lab Name: ADIRONDACK\_ENVIRONMENTAL\_\_

Contract: \_\_\_\_\_

Lab Code: AES\_\_ Case No.: PAE\_0206

SAS No.: \_\_\_\_\_

SDG No.: TP5-1\_\_

Matrix (soil/water): SOIL\_\_

Level (low/med): LOW\_\_

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Differ- ence	Q	M
Aluminum	21209.08	—	22251.50	—	4.9	—	P
Antimony	2.50	U	12.50	U	—	—	P
Arsenic	3.88	B	15.19	B	291.5	—	P
Barium	199.01	B	206.58	B	3.8	—	P
Beryllium	0.18	B	0.50	U	100.0	—	P
Cadmium	0.20	U	1.00	U	—	—	P
Calcium	308463.06	—	332192.58	—	7.7	—	P
Chromium	22.58	—	18.00	U	100.0	—	P
Cobalt	18.08	B	18.88	B	4.4	—	P
Copper	31.56	—	20.10	B	36.3	—	P
Iron	36774.46	—	43364.48	—	17.9	E	P
Lead	15.38	—	12.63	B	17.9	—	P
Magnesium	127133.11	—	126086.02	—	0.8	—	P
Manganese	1358.29	—	1466.06	—	7.9	—	P
Mercury	—	—	—	—	—	—	NR
Nickel	1.00	U	5.00	U	—	—	P
Potassium	5600.89	—	5098.07	B	9.0	—	P
Selenium	2.50	B	12.50	U	100.0	—	P
Silver	1.80	U	9.00	U	—	—	P
Sodium	898.50	B	978.00	B	8.8	—	NR
Thallium	3.20	U	16.00	U	—	—	P
Vanadium	46.26	B	34.51	B	25.4	—	P
Zinc	273.08	—	286.17	—	4.8	—	P

## U.S. EPA - CLP

5

## SPIKE SAMPLE RECOVERY

TP5-3

LAB NAME: Adirondack Environmental

CONTRACT:

LAB CODE: AES

Case No.: PAE 0206 SAS No.:

SDG No.: TP5-1

Matrix (soil/water):

Soil

Level (Low/Med): Low

% Solids:

87.2

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

mg/Kg

Analyte	Control	Spiked	Sample		Spike		% R	Q	M
	Limit % R	Sample Result (SSR)	C	Result (SR)	C	Added (SA)			
TKN as N									
Ammonia, as N									
Nitrate									
COD									
BOD 5									
TOC									
TDS									
Sulfate									
Alkalinity									
Total Phenols									
Chloride									
Bromide									
Eh									
Specific Conductance									
Cyanide	75-125	3.1		0.11	U	28.7	11	*	
pH									
Turbidity									
Color									
Hexavalent Chromium									

Comments

FORM V (Part 1) - CONV

## **APPENDIX H**

### **BOREHOLE SOIL SAMPLES - ANALYTICAL RESULTS**

#### **TCLP ANALYSIS -TAR MATERIAL**

## BOREHOLE SAMPLES - ANALYTICAL RESULTS

Date: 10-JAN-2002

Lab Sample ID: L81377-1

 Panamerican Environmental, Inc.  
 Pete Gorton  
 2390 Clinton Street  
 Buffalo, NY 14227

 Sample Source: TRINIDAD PARK  
 Origin: TP-BH-01/TP-BH-04  
 Description: COMPOSITE  
 Sampled On: 18-DEC-01 11:25 by CLIENT  
 Date Received: 20-DEC-01 11:50  
 P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	84.9	%		20-DEC-01 00:00	CLP 3.0	01-202-3
PA 8021						
Benzene	U	ug/kg	74	21-DEC-01 11:11	EPA 8021	01-144-7048
Toluene	780	ug/kg	110	21-DEC-01 11:11	EPA 8021	01-144-7048
o-Xylene	540	ug/kg	110	21-DEC-01 11:11	EPA 8021	01-144-7048
m-Xylene	280	ug/kg	110	21-DEC-01 11:11	EPA 8021	01-144-7048
p-Xylene	1700	ug/kg	110	21-DEC-01 11:11	EPA 8021	01-144-7048
Isopropylbenzene	540	ug/kg	110	21-DEC-01 11:11	EPA 8021	01-144-7048
Propylbenzene	1200	ug/kg	110	21-DEC-01 11:11	EPA 8021	01-144-7048
1,3-Dimethylbenzene	990	ug/kg	110	21-DEC-01 11:11	EPA 8021	01-144-7048
n-Butylbenzene	2300	ug/kg	110	21-DEC-01 11:11	EPA 8021	01-144-7048
1,2,4-Trimethylbenzene	2000	ug/kg	110	21-DEC-01 11:11	EPA 8021	01-144-7048
sec-Butylbenzene	1900	ug/kg	110	21-DEC-01 11:11	EPA 8021	01-144-7048
Isopropyltoluene	750	ug/kg	110	21-DEC-01 11:11	EPA 8021	01-144-7048
Butylbenzene	1200	ug/kg	110	21-DEC-01 11:11	EPA 8021	01-144-7048
Phthalene	1500	ug/kg	110	21-DEC-01 11:11	EPA 8021	01-144-7048
Methyl-tert-butyl-ether (MTBE)	U	ug/kg	530	21-DEC-01 11:11	EPA 8021	01-144-7048
Surrogate Recovery:						
D - Bromofluorobenzene	99	%				01-144-7048
Analysis Comment: Results Calculated on a dry weight basis.						

EPA 8270						
Phthalene	1700 J	ug/kg	2900	26-DEC-01 23:47	EPA 8270	01-165-3567
Acenaphthylene	U	ug/kg	2900	26-DEC-01 23:47	EPA 8270	01-165-3567
Acenaphthene	1600 J	ug/kg	2900	26-DEC-01 23:47	EPA 8270	01-165-3567
Fluorene	2000 J	ug/kg	2900	26-DEC-01 23:47	EPA 8270	01-165-3567
Benanthrene	6000	ug/kg	2900	26-DEC-01 23:47	EPA 8270	01-165-3567
Fluoranthene	1800 J	ug/kg	2900	26-DEC-01 23:47	EPA 8270	01-165-3567
Pyrene	7900	ug/kg	2900	26-DEC-01 23:47	EPA 8270	01-165-3567
Benzo(a)anthracene	9800	ug/kg	2900	26-DEC-01 23:47	EPA 8270	01-165-3567
Benzofluoranthene	4000	ug/kg	2900	26-DEC-01 23:47	EPA 8270	01-165-3567
Benzo(k)fluoranthene	4400	ug/kg	2900	26-DEC-01 23:47	EPA 8270	01-165-3567
Benzo(a)pyrene	6600	ug/kg	2900	26-DEC-01 23:47	EPA 8270	01-165-3567
Benzo(b)fluoranthene	2800 J	ug/kg	2900	26-DEC-01 23:47	EPA 8270	01-165-3567
Benzo(a)pyrene	5200	ug/kg	2900	26-DEC-01 23:47	EPA 8270	01-165-3567
Benzo(1,2,3-cd)pyrene	4100	ug/kg	2900	26-DEC-01 23:47	EPA 8270	01-165-3567
Benzo(a,h)anthracene	U	ug/kg	2900	26-DEC-01 23:47	EPA 8270	01-165-3567
Results calculated on a dry weight basis.						

Date: 10-JAN-2002

Lab Sample ID: L81377-1

 Panamerican Environmental, Inc.  
 Pete Gorton  
 2390 Clinton Street  
 Buffalo, NY 14227

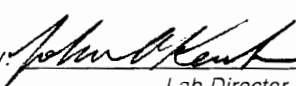
 Sample Source: TRINIDAD PARK  
 Origin: TP-BH-01/TP-BH-04  
 Description: COMPOSITE  
 Sampled On: 18-DEC-01 11:25 by CLIENT  
 Date Received: 20-DEC-01 11:50  
 P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(g,h,i)perylene	3700	ug/kg	2900	26-DEC-01 23:47	EPA 8270	01-165-3567
<u>Extraction Information:</u>				21-DEC-01 00:00	EPA 3550	01-133-46
<u>Surrogate Recovery:</u>						
Nitrobenzene-d5	94	%				01-165-3567
2-Fluorobiphenyl	91	%				01-165-3567
terphenyl-d14	125	%				01-165-3567
Analysis Comment: Results Calculated on a dry weight basis. Elevated detection limits and internal standard 6 recovery below limits due to a high concentration of petroleum product(s) in the sample extract.						

results calculated on a dry weight basis.

Page 2 of 2

NY 10252 NJ 73168 PA 68180 EPA NY 00033

 Approved by:   
 Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)  
 mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)  
 B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

Information in this report is accurate to the best of our knowledge and ability. In no event shall our liability exceed the cost of these services.  
 Your samples will be discarded after 14 days unless we are advised otherwise.

"Our family, caring about your analytical needs . . . Since 1963."



Date: 10-JAN-2002

Lab Sample ID: L81377-2

 Panamerican Environmental, Inc.  
 Pete Gorton  
 2390 Clinton Street  
 Buffalo, NY 14227

 Sample Source: TRINIDAD PARK  
 Origin: TP-BH-13/TP-BH-14  
 Description: COMPOSITE  
 Sampled On: 18-DEC-01 15:06 by CLIENT  
 Date Received: 20-DEC-01 11:50  
 P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	84.5	%		20-DEC-01 00:00	CLP 3.0	01-202-3
PA 8021						
Benzene	1	ug/kg	0.8	28-DEC-01 04:42	EPA 8021	01-144-7060
Toluene	4	ug/kg	1	28-DEC-01 04:42	EPA 8021	01-144-7060
o-Xylene	U	ug/kg	1	28-DEC-01 04:42	EPA 8021	01-144-7060
m-Xylene	2	ug/kg	1	28-DEC-01 04:42	EPA 8021	01-144-7060
p-Xylene	U	ug/kg	1	28-DEC-01 04:42	EPA 8021	01-144-7060
Isopropylbenzene	U	ug/kg	1	28-DEC-01 04:42	EPA 8021	01-144-7060
n-Propylbenzene	U	ug/kg	1	28-DEC-01 04:42	EPA 8021	01-144-7060
1,3,5-Trimethylbenzene	U	ug/kg	1	28-DEC-01 04:42	EPA 8021	01-144-7060
n-Butylbenzene	U	ug/kg	1	28-DEC-01 04:42	EPA 8021	01-144-7060
1,2,4-Trimethylbenzene	1	ug/kg	1	28-DEC-01 04:42	EPA 8021	01-144-7060
sec-Butylbenzene	5	ug/kg	1	28-DEC-01 04:42	EPA 8021	01-144-7060
Isopropyltoluene	U	ug/kg	1	28-DEC-01 04:42	EPA 8021	01-144-7060
Butylbenzene	2	ug/kg	1	28-DEC-01 04:42	EPA 8021	01-144-7060
phthalene	11	ug/kg	1	28-DEC-01 04:42	EPA 8021	01-144-7060
Methyl-tert-butyl-ether (MTBE)	8	ug/kg	6	28-DEC-01 04:42	EPA 8021	01-144-7060
Surrogate Recovery:						
D - Bromofluorobenzene	84	%				01-144-7060
Analysis Comment: Results Calculated on a dry weight basis.						
EPA 8270						
phthalene	U	ug/kg	3000	27-DEC-01 00:40	EPA 8270	01-165-3568
acenaphthylene	U	ug/kg	3000	27-DEC-01 00:40	EPA 8270	01-165-3568
Acenaphthene	U	ug/kg	3000	27-DEC-01 00:40	EPA 8270	01-165-3568
Fluorene	U	ug/kg	3000	27-DEC-01 00:40	EPA 8270	01-165-3568
fluoranthrene	750 J	ug/kg	3000	27-DEC-01 00:40	EPA 8270	01-165-3568
thracene	U	ug/kg	3000	27-DEC-01 00:40	EPA 8270	01-165-3568
fluoranthene	U	ug/kg	3000	27-DEC-01 00:40	EPA 8270	01-165-3568
Pyrene	4200	ug/kg	3000	27-DEC-01 00:40	EPA 8270	01-165-3568
Benzo(a)anthracene	1400 J	ug/kg	3000	27-DEC-01 00:40	EPA 8270	01-165-3568
chrysene	2500 J	ug/kg	3000	27-DEC-01 00:40	EPA 8270	01-165-3568
Benzo(b)fluoranthene	1000 J	ug/kg	3000	27-DEC-01 00:40	EPA 8270	01-165-3568
Benzo(k)fluoranthene	U	ug/kg	3000	27-DEC-01 00:40	EPA 8270	01-165-3568
Benzo(a)pyrene	U	ug/kg	3000	27-DEC-01 00:40	EPA 8270	01-165-3568
Benzo(1,2,3-cd)pyrene	U	ug/kg	3000	27-DEC-01 00:40	EPA 8270	01-165-3568
Benzo(a,h)anthracene	U	ug/kg	3000	27-DEC-01 00:40	EPA 8270	01-165-3568
Results calculated on a dry weight basis.						

Date: 10-JAN-2002

Lab Sample ID: L81377-2

Panamerican Environmental, Inc.  
Pete Gorton  
2390 Clinton Street  
Buffalo, NY 14227

Sample Source: TRINIDAD PARK  
Origin: TP-BH-13/TP-BH-14  
Description: COMPOSITE  
Sampled On: 18-DEC-01 15:06 by CLIENT  
Date Received: 20-DEC-01 11:50  
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(g,h,i)perylene	U	ug/kg	3000	27-DEC-01 00:40	EPA 8270	01-165-3568
Extraction Information:				21-DEC-01 00:00	EPA 3550	01-133-46
Surrogate Recovery:						
Nitrobenzene-d5	32	%				01-165-3568
2-Fluorobiphenyl	46	%				01-165-3568
phenyl-d14	74	%				01-165-3568
Analysis Comment: Results Calculated on a dry weight basis. Elevated detection limits and internal standard 6 recovery below limits due to a high concentration of petroleum product(s) in the sample extract.						

Results calculated on a dry weight basis.

Page 2 of 2

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by:   
Lab Director

ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)  
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)  
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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ONE RESEARCH CIRCLE  
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532  
FAX (607) 565-4083

Date: 10-JAN-2002

Lab Sample ID: L81377-3

Panamerican Environmental, Inc.  
Pete Gorton  
2390 Clinton Street  
Buffalo, NY 14227

Sample Source: TRINIDAD PARK  
Origin: TP-BH-17/TP-BH-18  
Description: COMPOSITE  
Sampled On: 18-DEC-01 00:00 by CLIENT  
Date Received: 20-DEC-01 11:50  
P.O. No: N/A

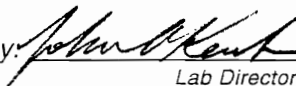
Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	84.2	%		20-DEC-01 00:00	CLP 3.0	01-202-3
PA 8021						
Benzene	3	ug/kg	0.9	28-DEC-01 05:43	EPA 8021	01-144-7061
Toluene	5	ug/kg	1	28-DEC-01 05:43	EPA 8021	01-144-7061
ethylbenzene	1	ug/kg	1	28-DEC-01 05:43	EPA 8021	01-144-7061
m-Xylene/m-Xylene	5	ug/kg	1	28-DEC-01 05:43	EPA 8021	01-144-7061
o-Xylene	6	ug/kg	1	28-DEC-01 05:43	EPA 8021	01-144-7061
Isopropylbenzene	2	ug/kg	1	28-DEC-01 05:43	EPA 8021	01-144-7061
n-Propylbenzene	4	ug/kg	1	28-DEC-01 05:43	EPA 8021	01-144-7061
1,3,5-Trimethylbenzene	34	ug/kg	1	28-DEC-01 05:43	EPA 8021	01-144-7061
tert-Butylbenzene	U	ug/kg	1	28-DEC-01 05:43	EPA 8021	01-144-7061
1,2,4-Trimethylbenzene	10	ug/kg	1	28-DEC-01 05:43	EPA 8021	01-144-7061
sec-Butylbenzene	12	ug/kg	1	28-DEC-01 05:43	EPA 8021	01-144-7061
n-Isopropyltoluene	8	ug/kg	1	28-DEC-01 05:43	EPA 8021	01-144-7061
n-Butylbenzene	4	ug/kg	1	28-DEC-01 05:43	EPA 8021	01-144-7061
phthalene	120	ug/kg	1	28-DEC-01 05:43	EPA 8021	01-144-7061
Methyl-tert-butyl-ether (MTBE)	11	ug/kg	6	28-DEC-01 05:43	EPA 8021	01-144-7061
Surrogate Recovery:						
1,2-Dibromofluorobenzene	120	%				01-144-7061
Analysis Comment: Results Calculated on a dry weight basis.						

EPA 8270

phthalene	520 J	ug/kg	1500	28-DEC-01 13:37	EPA 8270	01-165-3585
Acenaphthylene	U	ug/kg	1500	28-DEC-01 13:37	EPA 8270	01-165-3585
Acenaphthene	350 J	ug/kg	1500	28-DEC-01 13:37	EPA 8270	01-165-3585
Fluorene	410 J	ug/kg	1500	28-DEC-01 13:37	EPA 8270	01-165-3585
benanthrene	1600	ug/kg	1500	28-DEC-01 13:37	EPA 8270	01-165-3585
thracene	U	ug/kg	1500	28-DEC-01 13:37	EPA 8270	01-165-3585
fluoranthene	1700	ug/kg	1500	28-DEC-01 13:37	EPA 8270	01-165-3585
Pyrene	2200	ug/kg	1500	28-DEC-01 13:37	EPA 8270	01-165-3585
Benzo(a)anthracene	1100 J	ug/kg	1500	28-DEC-01 13:37	EPA 8270	01-165-3585
rysene	1200 J	ug/kg	1500	28-DEC-01 13:37	EPA 8270	01-165-3585
Benzo(b)fluoranthene	1800	ug/kg	1500	28-DEC-01 13:37	EPA 8270	01-165-3585
Benzo(k)fluoranthene	U	ug/kg	1500	28-DEC-01 13:37	EPA 8270	01-165-3585
Benzo(a)pyrene	1100 J	ug/kg	1500	28-DEC-01 13:37	EPA 8270	01-165-3585
Benzo(1,2,3-cd)pyrene	U	ug/kg	1500	28-DEC-01 13:37	EPA 8270	01-165-3585
Benzo(a,h)anthracene	U	ug/kg	1500	28-DEC-01 13:37	EPA 8270	01-165-3585
Results calculated on a dry weight basis.						

Page 1 of 2

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by:   
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)  
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)  
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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ONE RESEARCH CIRCLE  
TELEPHONE (607) 565-3500

WAVERLY, NY 14892-1532  
FAX (607) 565-4083

Date: 10-JAN-2002

Lab Sample ID: L81377-3

Panamerican Environmental, Inc.  
Pete Gorton  
2390 Clinton Street  
Buffalo, NY 14227

Sample Source: TRINIDAD PARK  
Origin: TP-BH-17/TP-BH-18  
Description: COMPOSITE  
Sampled On: 18-DEC-01 00:00 by CLIENT  
Date Received: 20-DEC-01 11:50  
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(g,h,i)perylene	U	ug/kg	1500	28-DEC-01 13:37	EPA 8270	01-165-3585
Extraction Information:				21-DEC-01 00:00	EPA 3550	01-133-46
Surrogate Recovery:						
Nitrobenzene-d5	60	%				01-165-3585
2-Fluorobiphenyl	68	%				01-165-3585
terphenyl-d14	85	%				01-165-3585
Analysis Comment: Results Calculated on a dry weight basis. Internal standard 6 recovery below limits. Confirmed by file B3566. Elevated detection limits due to petroleum products in sample extract.						

Results calculated on a dry weight basis.

Page 2 of 2

NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by:   
Lab Director

ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
mg/L	= milligrams per liter (equivalent to parts per million)	mg/kg	= milligrams per kilogram (equivalent to parts per million)	
B	= analyte was detected in the method or trip blank	J	= result estimated below the quantitation limit	

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"Our family, caring about your analytical needs . . . Since 1963."

Date: 10-JAN-2002

Lab Sample ID: L81377-4

 Panamerican Environmental, Inc.  
 Pete Gorton  
 2390 Clinton Street  
 Buffalo, NY 14227

 Sample Source: TRINIDAD PARK  
 Origin: TP-BH-19/TP-BH-20  
 Description: COMPOSITE  
 Sampled On: 18-DEC-01 16:20 by CLIENT  
 Date Received: 20-DEC-01 11:50  
 P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Total Solids	77.5	%		20-DEC-01 00:00	CLP 3.0	01-202-3
PA 8021						
Benzene	U	ug/kg	0.8	28-DEC-01 06:30	EPA 8021	01-144-7062
Toluene	1	ug/kg	1	28-DEC-01 06:30	EPA 8021	01-144-7062
ethylbenzene	U	ug/kg	1	28-DEC-01 06:30	EPA 8021	01-144-7062
m-Xylene/m-Xylene	2	ug/kg	1	28-DEC-01 06:30	EPA 8021	01-144-7062
o-Xylene	U	ug/kg	1	28-DEC-01 06:30	EPA 8021	01-144-7062
Isopropylbenzene	U	ug/kg	1	28-DEC-01 06:30	EPA 8021	01-144-7062
n-Propylbenzene	U	ug/kg	1	28-DEC-01 06:30	EPA 8021	01-144-7062
1,3,5-Trimethylbenzene	U	ug/kg	1	28-DEC-01 06:30	EPA 8021	01-144-7062
tert-Butylbenzene	U	ug/kg	1	28-DEC-01 06:30	EPA 8021	01-144-7062
1,2,4-Trimethylbenzene	U	ug/kg	1	28-DEC-01 06:30	EPA 8021	01-144-7062
sec-Butylbenzene	3	ug/kg	1	28-DEC-01 06:30	EPA 8021	01-144-7062
Isopropyltoluene	U	ug/kg	1	28-DEC-01 06:30	EPA 8021	01-144-7062
n-Butylbenzene	3	ug/kg	1	28-DEC-01 06:30	EPA 8021	01-144-7062
naphthalene	10	ug/kg	1	28-DEC-01 06:30	EPA 8021	01-144-7062
Methyl-tert-butyl-ether (MTBE)	U	ug/kg	6	28-DEC-01 06:30	EPA 8021	01-144-7062
Surrogate Recovery:						
1,2-D - Bromofluorobenzene	91	%				01-144-7062
Analysis Comment: Results Calculated on a dry weight basis.						

PA 8270						
naphthalene	U	ug/kg	640	02-JAN-02 20:31	EPA 8270	01-172-3337
Acenaphthylene	U	ug/kg	640	02-JAN-02 20:31	EPA 8270	01-172-3337
Acenaphthene	U	ug/kg	640	02-JAN-02 20:31	EPA 8270	01-172-3337
fluorene	U	ug/kg	640	02-JAN-02 20:31	EPA 8270	01-172-3337
benzanthrene	640 J	ug/kg	640	02-JAN-02 20:31	EPA 8270	01-172-3337
anthracene	210 J	ug/kg	640	02-JAN-02 20:31	EPA 8270	01-172-3337
Fluoranthene	630 J	ug/kg	640	02-JAN-02 20:31	EPA 8270	01-172-3337
Pyrene	700	ug/kg	640	02-JAN-02 20:31	EPA 8270	01-172-3337
benzo(a)anthracene	340 J	ug/kg	640	02-JAN-02 20:31	EPA 8270	01-172-3337
rysene	340 J	ug/kg	640	02-JAN-02 20:31	EPA 8270	01-172-3337
benzo(b)fluoranthene	U	ug/kg	640	02-JAN-02 20:31	EPA 8270	01-172-3337
Benzo(k)fluoranthene	U	ug/kg	640	02-JAN-02 20:31	EPA 8270	01-172-3337
Benzo(a)pyrene	250 J	ug/kg	640	02-JAN-02 20:31	EPA 8270	01-172-3337
benzo(1,2,3-cd)pyrene	U	ug/kg	640	02-JAN-02 20:31	EPA 8270	01-172-3337
benzo(a,h)anthracene	U	ug/kg	640	02-JAN-02 20:31	EPA 8270	01-172-3337
results calculated on a dry weight basis.						

Date: 10-JAN-2002

Lab Sample ID: L81377-4

Panamerican Environmental, Inc.  
Pete Gorton  
2390 Clinton Street  
Buffalo, NY 14227

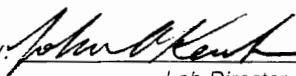
Sample Source: TRINIDAD PARK  
Origin: TP-BH-19/TP-BH-20  
Description: COMPOSITE  
Sampled On: 18-DEC-01 16:20 by CLIENT  
Date Received: 20-DEC-01 11:50  
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(g,h,i)perylene	210 J	ug/kg	640	02-JAN-02 20:31	EPA 8270	01-172-3337
Extraction Information:				21-DEC-01 00:00	EPA 3550	01-133-46
Surrogate Recovery:						
Nitrobenzene-d5	18	D	%			01-172-3337
2-Fluorobiphenyl	26	D	%			01-172-3337
2-Fluorobiphenyl-d14	26	D	%			01-172-3337
Analysis Comment: Results Calculated on a dry weight basis.						

Results calculated on a dry weight basis.

Page 2 of 2

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by:   
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)  
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)  
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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## CHAIN OF CUSTODY RECORD

CUS. R CC

E 1

<b>FLI</b> <b>FR I E N D</b> <b>LABORATORY</b> <b>I . N . C .</b>		ONE RESEARCH CIRCLE WAVERLY NY 14892-1532 Telephone (607) 565 3500 Fax (607) 565-4083		CLIENT: PANAMERICAN ADDRESS: 2380 CUNTON ST BUFFALO, N.Y. 14227 PHONE: (716) 821-1607 FAX: (716) 821-1607		INVOICE TO: ADDRESS: SAME AS CLIENT	
Sample Site: TRINIDAD PARK KENSINGTON AVENUE CITY OF BUFFALO, New York		PROJECT NO. / NAME TRINIDAD PARK		COPY TO: ADDRESS:		81377	
DATE & TIME OF SAMPLE COLLECTION	SAMPLE DESCRIPTION	NUMBER OF CONTAINERS		ANALYSES / TESTS REQUESTED		SAMPLE NUMBER	
12.18.2001 1125	TP-BH-01/TP-BH-04 TP-BH-01-16-24" BGCS TP-BH-04-20-29" BGCS	Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		8021 AND 8270		1	
12.18.2001 1506	TP-BH-13/TP-BH-14 TP-BH-13-23-27" BGCS TP-BH-14-16-22" BGCS	Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		8021 AND 8270		2	
12.18.2001	TP-BH-17/TP-BH-18 TP-BH-17-53-71" BGCS TP-BH-18-65-80" BGCS	Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		8021 AND 8270		3	
12.18.2001 1620	TP-BH-19/TP-BH-20 TP-BH-19-12-19" BGCS TP-BH-20-17-24" BGCS	Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		8021 AND 8270		4	
RELINQUISHED BY SAMPLER	DATE / TIME	ACCEPTED BY		DATE/TIME		NOTES TO LABORATORY	
Justin G. Byrd	12.19.2001	Don Jones		12/20/01 1150		2.5	
						SUSPECTED CONTAMINATION LEVEL NONE SLIGHT MODERATE HIGH (please circle)	

## **TCLP ANALYSIS - TAR MATERIAL**



# WASTE STREAM TECHNOLOGY, INC.

302 Grote Street  
Buffalo, NY 14207  
(716) 876-5290

## Analytical Data Report

Report Date : 07/23/02  
Group Number : 2021-1569

Prepared For :  
Mr. Peter Gorton  
Panamerican Environmental Inc.  
2390 Clinton St.  
Buffalo, NY 14227

Site: Trinidad Tar Sample

Analytical Parameters	Analytical Services Number of Samples	Turnaround Time
PCB's	1	Standard
TCLP 8270	1	Standard
TCLP 8260	1	Standard
TCLP Pesticide	1	Standard
TCLP Herbicides	1	Standard
Reactive Cyanide	1	Standard
Reactive Sulfide	1	Standard
TCLP Metals	1	Standard
Ignitability	1	Standard
pH	1	Standard

Report Released By : B. Schepart  
Brian S. Schepart, Ph.D., Laboratory Director

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS  
NYSDOH ELAP #11179 NJDEPE #73977



Page 1 of \_\_\_\_\_



**Waste Stream Technology, Inc.**

302 Grote Street  
Buffalo, NY 14207  
(716) 876-5290

**Analytical Data Report**

Group Number: 2021-1569

Site: Trinidad Tar Sample

**Field and Laboratory Information**

WST ID	Client ID	Matrix	Date Sampled	Date Received	Time
WT07266	Surface Tar	Solid	07/03/02	07/03/02	17:08

## ORGANIC DATA QUALIFIERS

- U -** Indicates compound was analyzed for but not detected at the stated MQL or Reporting Limit. If the MDL has been reported, U indicates that the compound was not detected at the MDL.
- J -** Indicates an estimated value. This flag is used to qualify the following: when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed; a compound is detected in the sample but the result is less than the method quantitation limit but greater than the statistically calculated laboratory method detection limit; the result for a compound is estimated due to the analysis of a sample beyond the USEPA defined holding time; the result for a compound is estimated due to a quality control sample result that is outside the laboratory quality control recovery limits.
- C -** This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B -** This flag is used when the analyte is found in the associated blank as well as the sample.
- E -** This flag identifies all compounds whose concentrations exceed the calibration range of the GC/MS instrument of that specific analysis.
- D -** This flag identifies all compounds identified in an analysis at a secondary dilution factor.
- G -** Matrix spike recovery is greater than the expected upper limit of analytical performance.
- L -** Matrix spike recovery is less than the expected lower limit of analytical performance.
- # -** Indicates that a surrogate recovery was found to be outside the expected limits of analytical performance.
- \$ -** Indicates that the surrogate compound was diluted out. The sample had to be diluted to obtain analytical results and a recovery could not be calculated.
- (%) -** Indicates that the compound is a surrogate and that the value reported for this compound is in percent recovery. The quality control recovery limits are indicated in the detection limit or QC limits column.

**Waste Stream Technology, Inc.**  
**8270 TCLP Semivolatile Organics**  
**1311/8270**

Site: Trinidad Tar Sample  
Date Sampled: 07/03/02  
Date Received: 07/03/02  
TCLP Extraction Date: 07/08/02

Group Number: 2021-1569  
Units: µg/L  
Matrix: TCLP Extract

WST ID: WT07266  
Client ID: Surface Tar  
Extraction Date: 07/09/02  
Date Analyzed: 07/10/02

Compound	MQL	Result	QC Limits (%)	Qualifier
pyridine	8	Not detected		U
1,4-dichlorobenzene	8	Not detected		U
Total cresols(o,m & p)	24	Not detected		U
nitrobenzene	8	Not detected		U
hexachloroethane	8	Not detected		U
hexachlorobutadiene	8	Not detected		U
2,4,6-trichlorophenol	16	Not detected		U
2,4,5-trichlorophenol	8	Not detected		U
2,4-dinitrotoluene	8	Not detected		U
hexachlorobenzene	8	Not detected		U
pentachlorophenol	16	Not detected		U
2-Fluorophenol (%)		46	20-89	
Phenol-d6 (%)		30	13-48	
Nitrobenzene-d5 (%)		94	42- 128	
2-Fluorobiphenyl (%)		92	44- 133	
2,4,6-Tribromophenol (%)		110	49- 144	
Terphenyl-d14 (%)		113	43- 149	
<b>Dilution Factor</b>	<b>1</b>			

Waste Stream Technology, Inc.  
TCLP Volatile Organics Analysis  
1311/8260B

Site: Trinidad Tar Sample  
Date Sampled: 07/03/02  
Date Received: 07/03/02

Group Number: 2021-1569  
Units: µg/L  
Matrix: TCLP Extract

WST ID: WT07266  
Client ID: Surface Tar  
TCLP Date: 07/15/02  
Date Analyzed: 07/16/02

Compound	Detection Limit	Result	QC Limits (%)	Qualifier
vinyl chloride	10	Not detected		U
1,1-dichloroethene	10	Not detected		U
chloroform	10	Not detected		U
2-butanone	100	Not detected		U
1,2-dichloroethane	10	Not detected		U
carbon tetrachloride	10	Not detected		U
trichloroethene	10	Not detected		U
benzene	10	Not detected		U
tetrachloroethene	10	Not detected		U
chlorobenzene	10	Not detected		U
1,4-dichlorobenzene	10	Not detected		U
1,2-Dichloroethane-d4 (%)		116	77-118	
Toluene-d8 (%)		92	84-112	
Bromofluorobenzene (%)		113	79-125	
Dilution Factor	1			

WASTESTREAM  
INCORPORATED

**Waste Stream Technology, Inc.****TCLP Pesticide Analysis**

1311/8081

Site: Trinidad Tar Sample  
Date Sampled: 07/03/02  
Date Received: 07/03/02  
TCLP Extraction Date: 07/08/02

Group Number: 2021-1569  
Units: µg/L  
Matrix: TCLP Extract

WST ID: WT07266  
Client ID: Surface Tar  
Extraction Date: 07/18/02  
Date Analyzed: 07/22/02

Compound	MQL	Result	QC Limits (%)	Qualifier
chlordane	0.800	Not detected		U
endrin	0.040	Not detected		U
gamma-BHC (Lindane)	0.040	Not detected		U
heptachlor	0.040	Not detected		U
heptachlor epoxide	0.040	Not detected		U
methoxychlor	0.040	Not detected		U
toxaphene	1.000	Not detected		U
Tetrachloro-m-xylene (%)		93	72- 117	
Decachlorobiphenyl (%)		97	71- 123	
Dilution Factor	1			

**Waste Stream Technology, Inc.**

PCBs in Soil

SW-846 8082

Site: Trinidad Tar Sample

Date Sampled: 07/03/02

Date Received: 07/03/02

Group Number: 2021-1569

Units: mg/Kg

Matrix: Solid

WST ID: WT07266

Client ID: Surface Tar

Extraction Date: 07/12/02

Date Analyzed: 07/13/02

Compound	ML	Result	QC Limits (%)	Qualifier
aroclor 1016	0.750	Not detected		U
aroclor 1221	0.600	Not detected		U
aroclor 1232	0.900	Not detected		U
aroclor 1242	0.450	Not detected		U
aroclor 1248	0.300	Not detected		U
aroclor 1254	0.150	Not detected		U
aroclor 1260	0.150	Not detected		U
Decachlorobiphenyl (%)		85	60- 150	
Tetrachloro-m-xylene (%)		81	60- 150	

Dilution Factor 15

**Waste Stream Technology, Inc.****Herbicides in TCLP Extract**

1311/8150

Site: Trinidad Tar Sample  
Date Sampled: 07/03/02  
Date Received: 07/03/02  
TCLP Extraction Date: 07/08/02

Group Number: 2021-1569  
Units: µg/L  
Matrix: TCLP Extract

WST ID: WT07266  
Client ID: Surface Tar  
Extraction Date: 07/17/02  
Date Analyzed: 07/23/02

Compound	MQL	Result	QC Limits (%)	Qualifier
2,4-D	0.40	Not detected		U
2,4,5-TP (Silvex)	0.40	Not detected		U
2,4-DCPAA (%)		79	24-146	
Dilution Factor	1			



**Waste Stream Technology, Inc.**  
**Section 7.3.3.2 Reactive Cyanide**  
**SW-846 9014**

Site: Trinidad Tar Sample  
Date Sampled: 07/03/02  
Date Received: 07/03/02

Group Number: 2021-1569  
Matrix: Solid  
Units: mg/Kg

WST ID	Client ID	Reporting Limit	Result	Date Analyzed
WT07268	Surface Tar	40.0	Not detected	07/11/02

**Waste Stream Technology, Inc.**  
**Section 7.3.4.2 Reactive Sulfide**  
**SW-846 9034**

Site: Trinidad Tar Sample  
Date Sampled: 07/03/02  
Date Received: 07/03/02

Group Number: 2021-1569  
Matrix: Solid  
Units: mg/Kg

WST ID	Client ID	Reporting Limit	Result	Date Analyzed
WT07266	Surface Tar	40.0	Not detected	07/11/02

**Waste Stream Technology, Inc.**  
**TCLP Metals Analysis Result Report**

Site: Trinidad Tar Sample  
Date Sampled: 07/03/02  
Date Received: 07/03/02

Group Number: 2021-1569  
Units: mg/L  
Matrix: TCLP Extract  
TCLP Extraction Date: 07/08/02

WST ID: WT07266  
Client ID: Surface Tar  
Digestion Date: 07/09/02

Analyte	Reporting Limit	Result	Date Analyzed	Analysis Method
Arsenic by ICP	0.045	Not detected	07/09/02	SW-846 6010
Barium by ICP	0.025	0.349 B	07/09/02	SW-846 6010
Cadmium by ICP	0.025	Not detected	07/09/02	SW-846 6010
Chromium by ICP	0.025	Not detected	07/09/02	SW-846 6010
Lead by ICP	0.075	Not detected	07/09/02	SW-846 6010
Mercury by Cold Vapor	0.001	Not detected	07/19/02	SW-846 7470
Selenium by ICP	0.095	Not detected	07/09/02	SW-846 6010
Silver by ICP	0.025	Not detected	07/09/02	SW-846 6010



**waste Stream Technology, Inc.**  
**Wet Chemistry Analyses**

Site: Trinidad Tar Sample  
Date Sampled: 07/03/02  
Date Received: 07/03/02

Group Number: 2021-1569  
Matrix: Solid

WST ID: WT07266  
Client ID: Surface Tar

Analysis	Method Reference	Reporting Limit	Result	Units	Date Analyzed
Ignitability (flash point)	SW-846 1010	NA	>200	° F	07/10/02

> 200 = no flash detected at a temperature up to 200 degrees Fahrenheit.

**Waste Stream Technology, Inc.**  
**Wet Chemistry Analyses**

Site: Trinidad Tar Sample  
Date Sampled: 07/03/02  
Date Received: 07/03/02

Group Number: 2021-1569  
Matrix: Solid

WST ID: WT07266  
Client ID: Surface Tar

Analysis	Method Reference	Reporting Limit	Result	Units	Date Analyzed
pH in Solid	SW-846 9045C	NA	6.71	pH Units	07/08/02





## **APPENDIX I**

### **IRM DOCUMENTATION**

## GENERATOR WASTE PROFILE SHEET

Requested Disposal Facility: BFI WSNA NIAGARA FALLS LANDFILL  
*an Allied Waste Company*

Waste Profile #

### I. Generator Information

Date: 08/15/02

Generator Name: Wm Marfurt Companies			
Generator Site Address: 237 Kensington Avenue			
City: Buffalo	County: Erie	State: NY	Zip: 14215
Generator State ID Number:		SIC Code Number: 28	
Generator Mailing Address (if different): 2251 Wehrle Drive			
City: Williamsville	County: Erie	State: NY	Zip: 14221
Generator Contact Name: Bill Marfurt			
Phone Number: 716-631-9922		Fax Number: 716-631-9037	

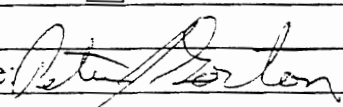
### II. Transporter Information

Transporter Name: BFI WASTE SYSTEMS OF NORTH AMERICA			
Transporter Address: 2321 KENMORE AVE			
City: KENMORE	County: ERIE	State: NEW YORK	Zip: 14217
Transporter Contact Name: CHRIS WAGNER			
Phone Number: 716-614-3385		Fax Number: 716-614-3387	
State Transportation Number: 9A 065			

### III. Waste Stream Information

Name of Waste: Soil contaminated with asphalt	
Process Generating Waste: Previous Asphalt plant	
Type of Waste:	<input checked="" type="checkbox"/> INDUSTRIAL PROCESS WASTE or <input type="checkbox"/> POLLUTION CONTROL WASTE
Physical State:	<input checked="" type="checkbox"/> SOLID <input type="checkbox"/> SEMI-SOLID <input type="checkbox"/> POWDER <input type="checkbox"/> LIQUID <input type="checkbox"/> OTHER:
Method of Shipment:	<input checked="" type="checkbox"/> BULK <input type="checkbox"/> DRUM <input type="checkbox"/> BAGGED <input type="checkbox"/> OTHER:
Estimated Annual Volume:	<input checked="" type="checkbox"/> CUBIC YARDS: <del>66-300</del> <input checked="" type="checkbox"/> TONS: 10-30 <input type="checkbox"/> OTHER:
Frequency:	<input checked="" type="checkbox"/> ONE TIME <input type="checkbox"/> DAILY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input type="checkbox"/> OTHER:
Special Handling Instructions:	

### IV. Representative Sample Certification

Is the representative sample collected to prepare this profile and laboratory analysis?		<input checked="" type="checkbox"/> YES or <input type="checkbox"/> NO
Collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?		
Sample Date: 07/03/02	Type of Sample:	<input checked="" type="checkbox"/> COMPOSITE SAMPLE <input type="checkbox"/> GRAB SAMPLE
Sampler's Employer: Panamerican Environmental		
Sampler's Name (printed): Peter Gorton		Signature: 



## GENERATOR WASTE PROFILE SHEET (continued)

Waste Profile #

## Physical Characteristics of Waste

Characteristic Components

% by Weight (range)

Soil with surface tar

100%

Color: Earth Br/Blk	Odor (describe): none	Free Liquids: <input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO Content _____ %	% Solids: 100	pH: 6.71	Flash Point: >200 °F	Phenol N.D. ppm
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Attach Laboratory Analytical Report (and/or Material Safety Data Sheet)

Including Required Parameters Provided for this Profile

Does this waste or generating process contain regulated concentrations of the following Pesticides and/or Herbicides: Chlordane, Endrin, Heptachlor (and its epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?	<input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO
Does this waste or generating process cause it to exceed OSHA exposure limits from high levels of Hydrogen Sulfide or Hydrogen Cyanide as defined in 40 CFR 261.23?	<input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO
Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?	<input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO
Does this waste contain regulated concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	<input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO
Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCDD), or any other dioxin as defined in 40 CFR 261.31?	<input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO
Is this a regulated Toxic Material as defined by Federal and/or State regulations?	<input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO
Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO
Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO
Is this waste generated at a Federal Superfund Clean Up Site?	<input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO

## VI. Generator Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true and accurate description of the waste material being offered for disposal. I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste for which this facility is prohibited from accepting by law. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue. I further certify that the company has not altered the form or content of this profile sheet as provided by Allied Waste Industries, Inc.

William F. Marfurt Jr.  
AUTHORIZED REPRESENTATIVE NAME AND TITLE (Printed)

Wm Marfurt Co  
COMPANY NAME

William F. Marfurt Jr.  
AUTHORIZED REPRESENTATIVE SIGNATURE

8/15/02  
DATE

## VII. Allied Waste Decision

☒ Approved☐ Rejected

Expiration: \_\_\_\_\_

Conditions:

Name, Title

Signature

Date

ACCOUNT: 1237155 LOC: 100  
WM MARFURT SITE CONTRACTING  
237 KENSINGTON AVE  
BUFFALO, NY 14215  
(716) 631-9922

SYSTEM: \_\_\_\_\_ FROM DT: 00/00 TO DT: 00/00  
F C O  
SYS QTY SIZE VC Q P C RTE DAY RTE DAY  
004 1 20 YD N Y

SERV DATE	SYSTEM	CONT SZ	# HAUL	DS	LOAD VOL	DV	SERV TIME	DRIVER	RTE
8/22/02	0100400	20.0	1	A07	15.50	TN	75		416
8/22/02	0100400	20.0	1	A07	<del>22.02</del>	TN	63		416
8/22/02	0100400	20.0	1	A07	<del>17.73</del>	TN	71		403
8/21/02	0100400	20.0	1		0.00	TN	45		410
8/21/02	0100400	20.0	1		0.00	TN	24		410
8/21/02	0100400	20.0	1	A07	23.71	TN	123		429
8/21/02	0100400	20.0	1	A07	14.68	TN	78		429
8/21/02	0100400	20.0			0.00	TN	0		410
8/21/02	0100400	20.0			0.00	TN	0		410
8/21/02	0100400	20.0			0.00	TN	0		429
8/20/02	0100400	20.0	1		0.00	TN	54		429
AVG LOAD VOL:					18.73	AVG SERV TIME :	66.63		
							GETNXSCH	CSS100DC	

7002 PLEASE ENTER INFORMATION

BFI Landfill Weight Summary  
Total 93.64 TONS Land Filled

2251 Wehrle Drive  
Williamsville, New York 14221

**WM**  
**Martur**  
**SITE CONTRACTING**

1216  
Phone 631-9922  
Fax 631-9037

**PURCHASE ORDER/EXTRA WORK ORDER**

Date: 3/21/02

Customer Name: Paranorman Environmental, Inc.

Job: Trinidad Pail

Location: 237 Kensington Ave

MACHINE	WORK PERFORMED	HOURS
	Compactable Fill	
	LaFarge Plant	
	Truck # 36340	19.39
	36368	17.45
	36399	17.32
	36405	17.10
	TOTAL DUMP	71.25 DAYS
	Opening 12011	
	Robert 863	
	Black Truck in View	
	25# Pelton	
	in place Compacted	

TOTAL 2,493.75

EMPLOYEE NAME: \_\_\_\_\_

AUTHORIZED BY: \_\_\_\_\_

8 36405

Division:

Plant ID/Name:

Ticket No:

Weightmaster:

Date/Time:

Sold To:

Sales Tax:

Job:

Delivery Address/Project Name:

Customer Order #:

Material Size:

Material Desc.:

Job:

Period

Loads

Tons

Days

Week

Month

Year

Loaded by:

Gross:

Tare:

Net:

Tons:

Metric

Cash Sales Only:

Unit Price:

Price:

Sales Tax:

Total Matl:

Haul Chg:

Total Due:

Tendered:

Change Due:

Delay Chg: \$

Driver:

Received by:

Subject to Section 7 of Conditions of Applicable Bill of Lading. If this shipment is to be delivered to the Consignee without recourse on the Consignor, The Consignor shall sign the following statement.

The Carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

Lafarge

(SIGNATURE OF CONSIGNOR)



TRUCK

CONTROL  
NUMBER

8 36388

Division:

Plant ID/Name:

Ticket No:

Weightmaster:

Date/Time:

Sold To:

Sales Tax:

Job:

Delivery Address/Project Name:

Customer Order #:

Material Size:

Material Desc.:

Job:

Period

Loads

Tons

Days

Week

Month

Year

Loaded by:

Gross:

Tare:

Net:

Tons:

Metric

Cash Sales Only:

Unit Price:

Price:

Sales Tax:

Total Matl:

Haul Chg:

Total Due:

Tendered:

Change Due:

Delay Chg: \$

Driver:

Received by:

Subject to Section 7 of Conditions of Applicable Bill of Lading. If this shipment is to be delivered to the Consignee without recourse on the Consignor, The Consignor shall sign the following statement.

The Carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

Lafarge

(SIGNATURE OF CONSIGNOR)

Division: \_\_\_\_\_  
 Plant ID/Name: \_\_\_\_\_  
 Scale Ticket No: \_\_\_\_\_ Weightmaster: \_\_\_\_\_ Date/Time: \_\_\_\_\_

To: \_\_\_\_\_ Sales Tax: \_\_\_\_\_ Job: \_\_\_\_\_ Delivery Address/Project Name: \_\_\_\_\_

Customer Order #: \_\_\_\_\_ Material Size: \_\_\_\_\_  
 Material Desc.: \_\_\_\_\_

Job: \_\_\_\_\_  
 Period: \_\_\_\_\_ Loads \_\_\_\_\_ Tons \_\_\_\_\_  
 Day: \_\_\_\_\_  
 Week: \_\_\_\_\_  
 Month: \_\_\_\_\_  
 Year: \_\_\_\_\_

Gross: \_\_\_\_\_  
 Tare: \_\_\_\_\_  
 Net: \_\_\_\_\_  
 Tons: \_\_\_\_\_

Metric

Cash Sales Only:

Unit Price: \_\_\_\_\_  
 Price: \_\_\_\_\_  
 Sales Tax: \_\_\_\_\_  
 Total Matl: \_\_\_\_\_  
 Haul Chg: \_\_\_\_\_  
 Total Due: \_\_\_\_\_  
 Tendered: \_\_\_\_\_  
 Change Due: \_\_\_\_\_  
 Delay Chg: \$ \_\_\_\_\_

Handled by: \_\_\_\_\_ Driver: \_\_\_\_\_ Received by: \_\_\_\_\_

Subject to Section 7 of Conditions of Applicable Bill of Lading, if this shipment is to be delivered to the Consignee without recourse on the Consignor, The Consignor shall sign the following statement.  
 The Carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

Lafarge

(SIGNATURE OF CONSIGNOR)



TRUCK

CONTROL  
NUMBER

8 36368

Division: \_\_\_\_\_  
 Plant ID/Name: \_\_\_\_\_  
 Scale Ticket No: \_\_\_\_\_ Weightmaster: \_\_\_\_\_ Date/Time: \_\_\_\_\_

To: \_\_\_\_\_ Sales Tax: \_\_\_\_\_ Job: \_\_\_\_\_ Delivery Address/Project Name: \_\_\_\_\_

Customer Order #: \_\_\_\_\_ Material Size: \_\_\_\_\_  
 Material Desc.: \_\_\_\_\_

Job: \_\_\_\_\_  
 Period: \_\_\_\_\_ Loads \_\_\_\_\_ Tons \_\_\_\_\_  
 Day: \_\_\_\_\_  
 Week: \_\_\_\_\_  
 Month: \_\_\_\_\_  
 Year: \_\_\_\_\_

Gross: \_\_\_\_\_  
 Tare: \_\_\_\_\_  
 Net: \_\_\_\_\_  
 Tons: \_\_\_\_\_

Metric

Cash Sales Only:

Unit Price: \_\_\_\_\_  
 Price: \_\_\_\_\_  
 Sales Tax: \_\_\_\_\_  
 Total Matl: \_\_\_\_\_  
 Haul Chg: \_\_\_\_\_  
 Total Due: \_\_\_\_\_  
 Tendered: \_\_\_\_\_  
 Change Due: \_\_\_\_\_  
 Delay Chg: \$ \_\_\_\_\_

Handled by: \_\_\_\_\_ Driver: \_\_\_\_\_ Received by: \_\_\_\_\_

Subject to Section 7 of Conditions of Applicable Bill of Lading, if this shipment is to be delivered to the Consignee without recourse on the Consignor, The Consignor shall sign the following statement.  
 The Carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

Lafarge

(SIGNATURE OF CONSIGNOR)